

## Electronic controllers

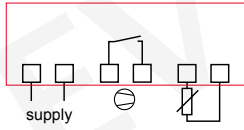
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## electronic controllers AKO

### refrigeration controllers

mounting dimensions 58x25,4mm

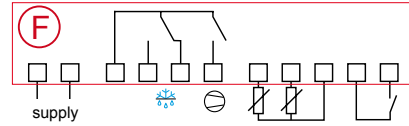
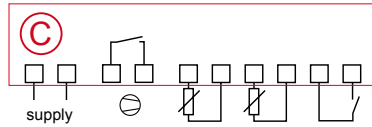


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fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	outputs (AC1)	inputs	temperature probe	detail
1	379357	AKO-13112	12V AC/DC	NTC	-50 to +99°C	2½	16A			x	
1	379358	AKO-13123	230V AC	NTC	-50 to +99°C	2½	16A			x	

## refrigeration controllers

mounting dimensions 71x29mm



1

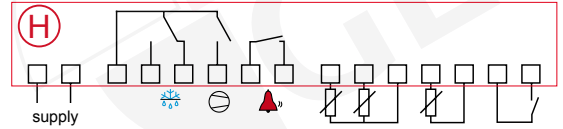
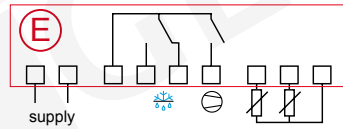
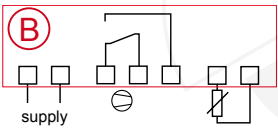
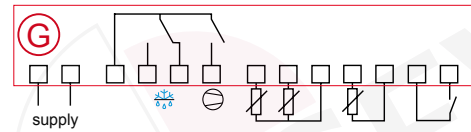
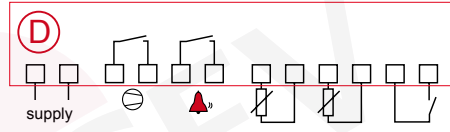
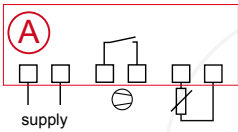
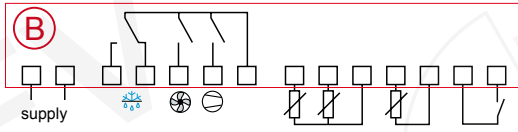
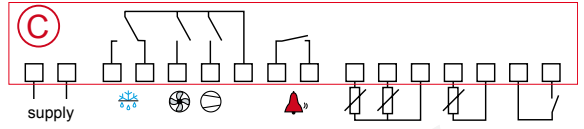
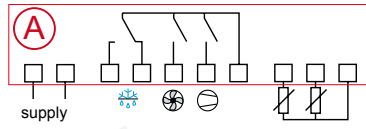


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	outputs (AC1)	inputs	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 3	HA CCP	time display	buzzer internal
1A	379317	AKO-14112	12/24V AC/DC	NTC <sup>1</sup> PTC	-50 to +99.9°C -50 to +150°C	3½	16A	compressor relay defrost relay DEF radiator fan relay FAN		x									
1B	379318	AKO-14123	230V AC	NTC <sup>1</sup> PTC	-50 to +99.9°C -50 to +150°C	3½	16A	auxiliary relay 1 light relay alarm relay 1 on/off relay		x									
1A	379309	AKO-14129	230V AC	NTC <sup>1</sup> PTC	-50 to +99.9°C -50 to +150°C	3½	18A			x									
1C	379367	AKOTIM-14TE	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A			x	x	x							
1C	379373	AKOTIM-11TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A			x	x	x							
1D	379368	AKOTIM-14ARTEB	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A			x	x	x					x	x	x
1D	379374	AKOTIM-11ARTEB	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A			x	x	x					x	x	x
1E	379319	AKO-14212	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x								
1E	379314	AKO-14223	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x								
1F	379313	AKO-14212A	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x	x							
1G	379369	AKOTIM-15TE	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x	x	x						
1G	379375	AKOTIM-12TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x	x	x						
1H	379370	AKOTIM-15ARTEB	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x	x	x				x	x	x
1H	379376	AKOTIM-12ARTEB	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A 8A			x	x	x	x				x	x	x

<sup>1</sup> 1 x NTC probe included



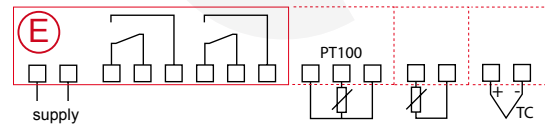
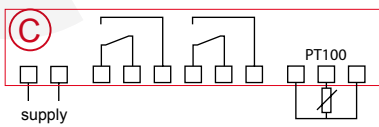
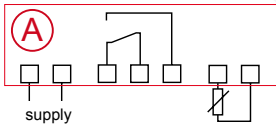
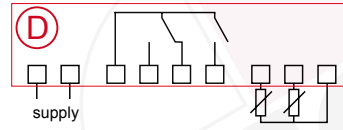
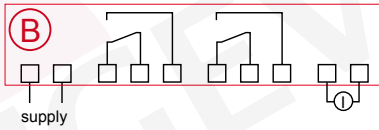
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fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs				detail						
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 3	HACCP	time display	buzzer internal	
1A	379320	AKO-14312	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A								x	x						
1A	378110	AKO-14323	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A								x	x						
1B	379377	AKOTIM-13TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A								x	x	x	x				
1C	379337	AKO-14412	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A				6A				x	x	x	x				
1C	379338	AKO-14423	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A				6A				x	x	x	x				
1C	379372	AKOTIM-16ARTEB	12V AC/DC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A				6A				x	x	x	x		x	x	x
1C	379378	AKOTIM-13ARTEB	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A				6A				x	x	x	x		x	x	x

<sup>1</sup> 1 x NTC probe included

universal controllers

mounting dimensions 71x29mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail						
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	temperature probe 2	HACCP	time display	buzzer internal				
1A	379325*	AKO-14712	12V AC/DC	PTC <sup>1</sup>	-50 to +150°C	3½	8A										
1B	379925*	AKO-14532	230V AC	mA	4-20mA	3½	8A	8A									
1C	379324*	AKO-14721	12V AC/DC	Pt100	-50 to +600°C	3½	8A	8A									
1D	379383*	AKO-14722	12V AC/DC	NTC <sup>2</sup>	-50 to +100°C	3½	16A	8A									
1D	379384*	AKO-14723	230V AC	NTC <sup>2</sup>	-50 to +100°C	3½	16A	8A									
1E	379926*	AKO-14724	12V AC/DC	NTC/PTC	depend on probe	3½	8A	8A									
1E	379927*	AKO-14726	230V AC	Pt100 Tc J,K		3½	8A	8A									

\*no defrost function <sup>1</sup> 1 x PTC probe included <sup>2</sup> 1 x NTC probe included

## refrigeration controllers

mounting dimensions 150x30mm

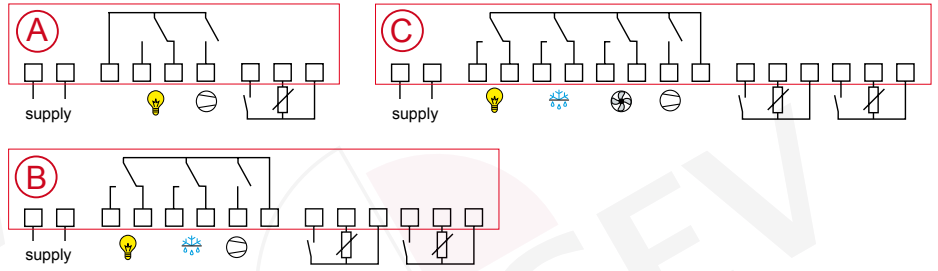


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	alarm relay 1	on/off-relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer	internal
1A	379861	AKO-10123	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A		8A					x		x								
1B	379862	AKO-10223	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	8A					x	x	x	x							
1C	379863	AKO-10323	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	8A	8A				x	x	x	x							

<sup>1</sup> 1 x NTC probe included

## refrigeration controllers two-part

mounting dimensions 71x29mm

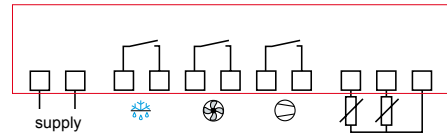


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	alarm relay 1	on/off-relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer	internal
1	379322	AKO-1453				3½																		
2	379323	AKO-15128	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	20A	8A	6A															

<sup>1</sup> 1 x NTC probe included

## refrigeration controllers

DIN rail

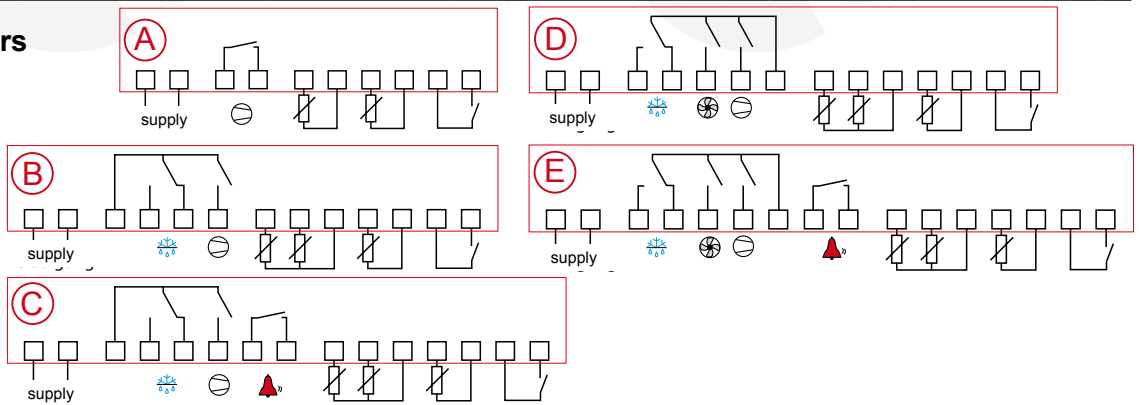


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	alarm relay 1	on/off-relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer	internal
1A	379360	AKOTIM-21TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A							x	x	x								
1B	379379	AKOTIM-22TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A						x	x	x	x							
1C	379381	AKOTIM-22ARTEB	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A				6A		x	x	x	x				x	x	x	
1D	379361	AKOTIM-23TE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	5A					x	x	x	x							
1E	379362	AKOTIM-23ATE	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	5A			5A		x	x	x	x							x
1E	379382	AKOTIM-23ARTEB	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	5A			5A		x	x	x	x				x	x	x	

<sup>1</sup> 1 x NTC probe included



**universal controllers**

DIN rail

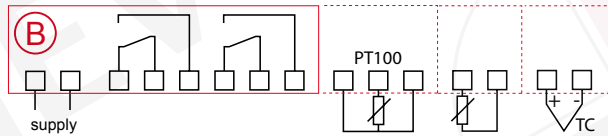
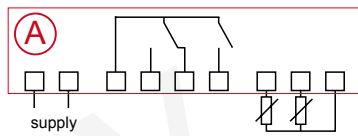


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail
							relay 1	relay 2	temperature probe 1	temperature probe 2	
1A	379385*	AKO-15223	230V AC	NTC <sup>1</sup>	-50 to +100°C	3½	16A	8A	x	x	HACCP time display buzzer internal
1B	379750*	AKO-15227	230V AC	NTC/PTC Pt100 Tc J,K	depend on probe	3½	8A	8A	x		

\*no defrost function <sup>1</sup> 1 x NTC probe included

**refrigeration controllers**

wall-mounting dimensions 174x94x42mm

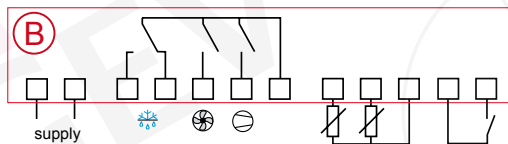
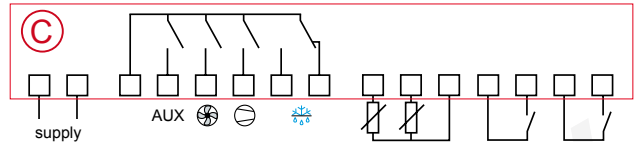
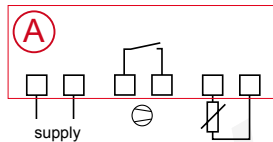


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail						
							compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	alarm relay 1	on/off-relay	temperature probe	defrost temperature probe	temperature probe 3		digital input 1	probe 3 / Digitaleing. 2	digital input 3	digital input 4		
1A	378042	AKO-14610	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A																
1B	378041	AKO-14632	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A														
1C	378052	AKO-14642	230V AC	NTC <sup>1</sup>	-50 to +99°C	3½	16A	8A	6A	6A													

<sup>1</sup> 1 x NTC probe included

## refrigeration controllers

wall-mounting dimensions 230x230x90mm

built-in dimensions 214x214mm

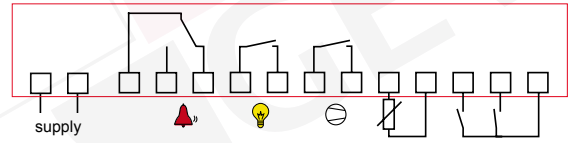


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail							
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal	interface Rs485	printer
1	378053	AKO-15613	230V AC	NTC <sup>1</sup>	-40 to 150°C	LCD	16A				16A	8A	x	x	x	x	x	x	x	x	x	x	x	x
2	378054	AKO-156131	230V AC	NTC <sup>1</sup>	-40 to 150°C	LCD	16A				16A	8A	x	x	x					x	x	x	x	x

<sup>1</sup> 1 x NTC probe included

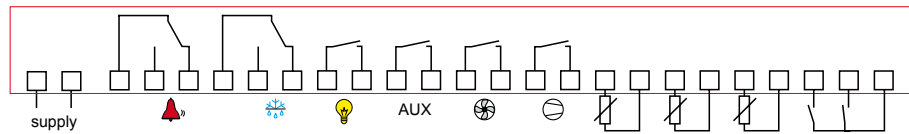


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail							
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal	interface Rs485	printer
1	378055	AKO-15633	230V AC	NTC <sup>1</sup>	-40 to 100°C	LCD	16A	16A	8A	16A	16A	8A	x	x	x	x	x	x	x	x	x	x	x	x
2	378049	AKO-156331	230V AC	NTC <sup>1</sup>	-40 to 100°C	LCD	16A	16A	8A	16A	16A	8A	x	x	x	x	x	x	x	x	x	x	x	x

<sup>1</sup> 1 x NTC probe included

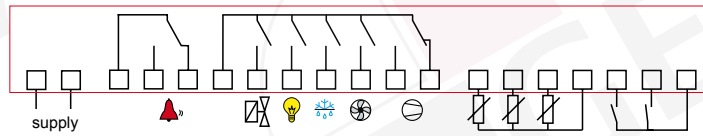


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail							
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	Magnetventilrelais	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal	interface Rs485
1	378235	AKO-15640	230V AC	NTC <sup>1</sup>	-40 to 100°C	LCD	16A	16A	8A	0.5A	16A	8A	2A	x	x	x	x	x			x	x	x	x

<sup>1</sup> 1 x NTC probe included

refrigeration controllers

wall-mounting dimensions 346x230x90mm

built-in dimensions 330x214mm

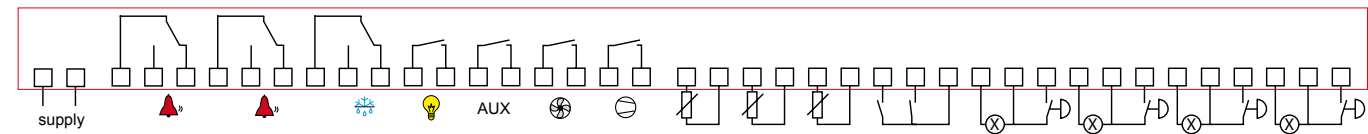


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail										
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	alarm relay 2	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	Notschalter 1	Notschalter 2	Notschalter 3	Notschalter 4	HACCP	time display	buzzer internal	interface Rs485	printer
1	378050*	AKO-156332	230V AC	NTC <sup>1</sup>	-50 to 100°C	LCD	16A	16A	8A	8A	16A	8A	8A	x	x	x	x	x	x	x	x	x	x	x	x	x	x

\* 1 x emergency switch with light included <sup>1</sup> 1 x NTC probe included

## refrigeration controllers for walk-in cold rooms

wall-mounting



1

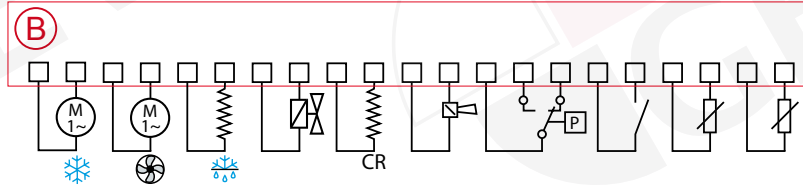
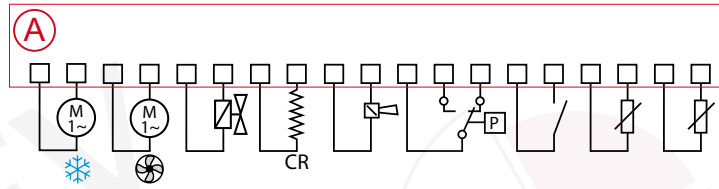


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs			
							compressor 1ph.	radiator fan relay 1ph.	heating element for defrosting 1ph.	solenoid valve	Carrier-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3
1A	379600	AKO-17106	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6A	4.8A		0.5A	4A	1A	x	x	x
1B	379610	AKO-17107	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6A	4.8A	4100W	0.5A	4A	1A	x	x	x

<sup>1</sup> 2 x NTC probe included



1

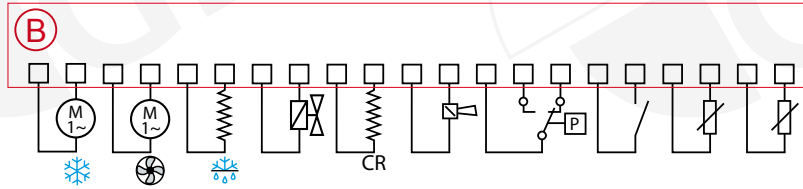
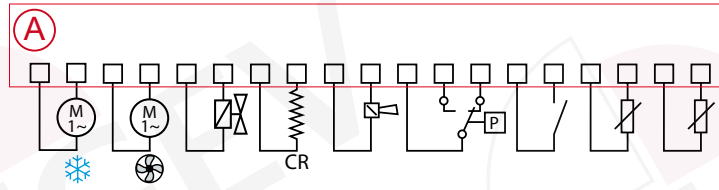


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs			
							compressor 1ph.	radiator fan relay 1ph.	heating element for defrosting 1ph.	solenoid valve	Carrier-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3
1A	379712	AKO-17109	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	9A	4.8A		0.5A	4A	1A	x	x	x
1A	379666	AKO-17112	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	12A	4.8A		0.5A	4A	1A	x	x	x
1B	379667	AKO-17110	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	9A	4.8A	4100W	0.5A	4A	1A	x	x	x
1B	379668	AKO-17113	230V 1ph.	NTC <sup>1</sup>	-50 to +99°C	3½	12A	4.8A	4100W	0.5A	4A	1A	x	x	x

<sup>1</sup> 2 x NTC probe included



wall-mounting

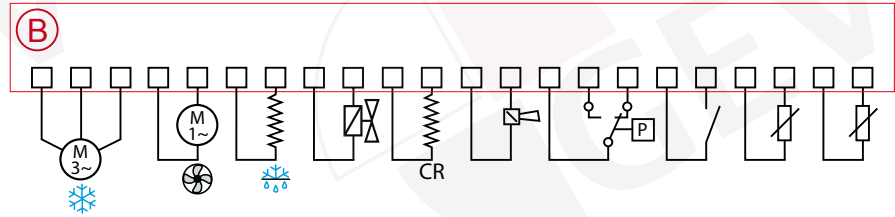
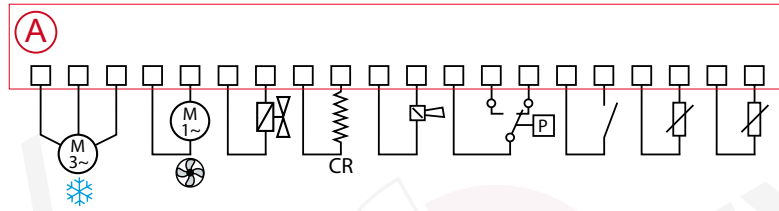
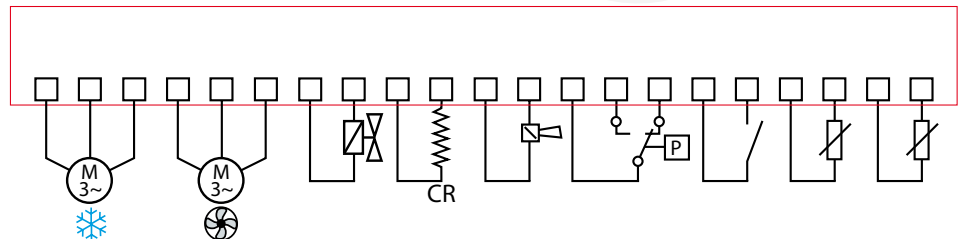


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs					
							compressor 3ph.	radiator fan relay 1ph.	radiator fan relay 3ph.	heating element for defrosting 1ph.	heating element for defrosting 3ph.	solenoid valve	Center-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2
1A	379669	AKO-17204	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	2.5-4A	4.8A						0.5A	4A	1A	x	x	x
1A	379700	AKO-17206	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	4-6.3A	4.8A						0.5A	4A	1A	x	x	x
1A	379670	AKO-17210	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6.3-10A	4.8A						0.5A	4A	1A	x	x	x
1A	379671	AKO-17214	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	10-16A	4.8A						0.5A	4A	1A	x	x	x
1A	379673	AKO-17218	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	16-20A	4.8A						0.5A	4A	1A	x	x	x
1A	379675	AKO-17225	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	20-25A	4.8A						0.5A	4A	1A	x	x	x
1B	379677	AKO-17304	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	2.5-4A	4.8A			4100W			0.5A	4A	1A	x	x	x
1B	379720	AKO-17306	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	4-6.3A	4.8A			4100W			0.5A	4A	1A	x	x	x
1B	379678	AKO-17310	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6.3-10A	4.8A			4100W			0.5A	4A	1A	x	x	x
1B	379680	AKO-17314	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	10-16A	4.8A			4100W			0.5A	4A	1A	x	x	x

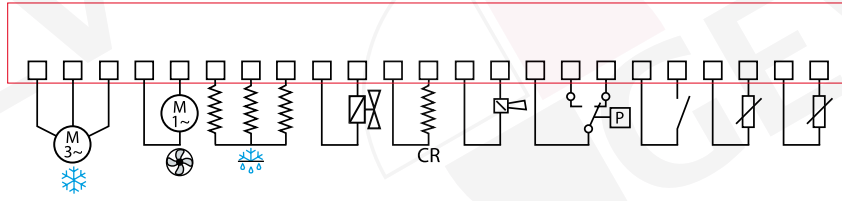
<sup>1</sup> 2 x NTC probe included



position	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs					
							compressor 3ph.	radiator fan relay 1ph.	radiator fan relay 3ph.	heating element for defrosting 1ph.	heating element for defrosting 3ph.	solenoid valve	Center-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2
1	379611	AKO-17212	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6.3-10A		1.6-2.5A					0.5A	4A	1A	x	x	x
2	379672	AKO-17216	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	10-16A		1.6-2.5A					0.5A	4A	1A	x	x	x
3	379674	AKO-17222	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	16-20A		2.5-4A					0.5A	4A	1A	x	x	x
4	379676	AKO-17229	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	20-25A		2.5-4A					0.5A	4A	1A	x	x	x

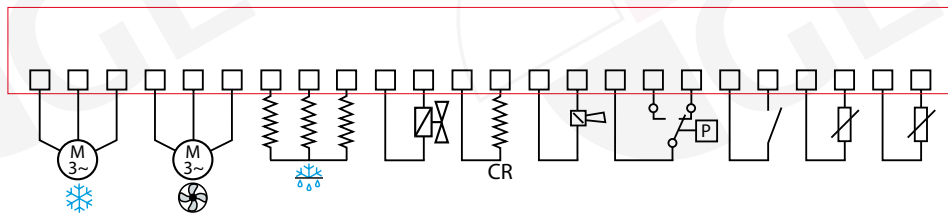
<sup>1</sup> 2 x NTC probe included

## wall-mounting



position	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs					
							compressor 3ph.	radiator fan relay 1ph.	radiator fan relay 3ph.	heating element for defrosting 1ph.	heating element for defrosting 3ph.	solenoid valve	Carter-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1
1	379679	AKO-17311	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6.3-10A	4.8A				5500W	0.5A	4A	1A	x	x	x
2	379681	AKO-17315	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	10-16A	4.8A				5500W	0.5A	4A	1A	x	x	x
3	379683	AKO-17318	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	16-20A	4.8A				12500W	0.5A	4A	1A	x	x	x
4	379685	AKO-17325	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	20-25A	4.8A				12500W	0.5A	4A	1A	x	x	x

<sup>1</sup> 2 x NTC probe included



position	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs					
							compressor 3ph.	radiator fan relay 1ph.	radiator fan relay 3ph.	heating element for defrosting 1ph.	heating element for defrosting 3ph.	solenoid valve	Carter-heating system	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1
1	379740	AKO-17312	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	6.3-10A		1.6-2.5A			5500W	0.5A	4A	1A	x	x	x
2	379682	AKO-17316	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	10-16A		1.6-2.5A			5500W	0.5A	4A	1A	x	x	x
3	379684	AKO-17322	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	16-20A		2.5-4A			12500W	0.5A	4A	1A	x	x	x
4	379686	AKO-17329	400V 3ph.	NTC <sup>1</sup>	-50 to +99°C	3½	20-25A		2.5-4A			12500W	0.5A	4A	1A	x	x	x

<sup>1</sup> 2 x NTC probe included

## electronic thermometers AKO

mounting dimensions 58x25,5mm



no.	part no.	type	supply	probe	measurement range	display(Digits)
1	379359	AKO-13012	12V AC/DC	NTC	-50 to 99°C	2
2	379366	AKO-13023	230V AC	NTC	-50 to 99°C	2

mounting dimensions 71x29mm



no.	part no.	type	supply	probe	measurement range	display(Digits)
1	379315*	AKO-13012	12V AC/DC	NTC*	PTC -50 to +99.9°C -50 to +150°C	2
2	379316*	AKO-13023	230VAC	NTC*	PTC -50 to +99.9°C -50 to +150°C	2

\* 1 x NTC probe included

## data loggers AKO

wall-mounting dimensions 230x230x90mm  
built-in dimensions 214x214mm

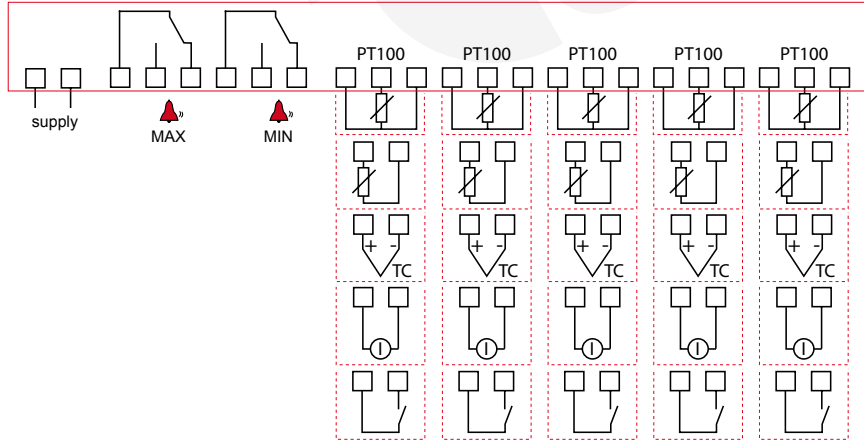


fig.	part no.	type	supply	probe	measure- ment range	display	printer	inputs	alarm relay 1	alarm relay 2	interface Rs485
1	378056	AKO-15750	100-240V AC	NTC <sup>1</sup> Pt100	depend on probe	LCD	-	5	8A	8A	x
2	378057	AKO-15752	100-240V AC	Pt1000 Tc(J,K) 4-20mA		LCD	x	5	8A	8A	x

<sup>1</sup> 5 x NTC probe included

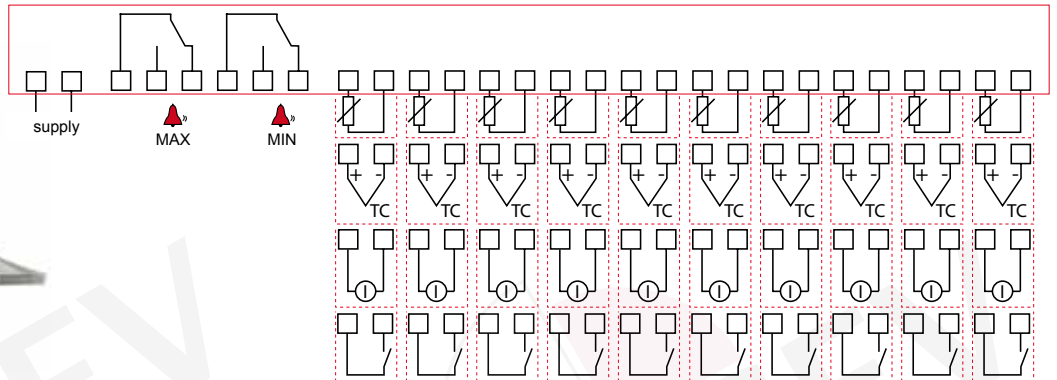


fig.	part no.	type	supply	probe	measure- ment range	display	printer	inputs	alarm relay 1	alarm relay 2	interface Rs485
1	378058	AKO-15740	100-240V AC	NTC <sup>1</sup> Pt1000	depend on probe	LCD	-	10	8A	8A	x
2	378059	AKO-15742	100-240V AC	Tc(J,K) 4-20mA		LCD	x	10	8A	8A	x

<sup>1</sup> 5 x NTC probe included



alarm controllers for walk-in cold rooms

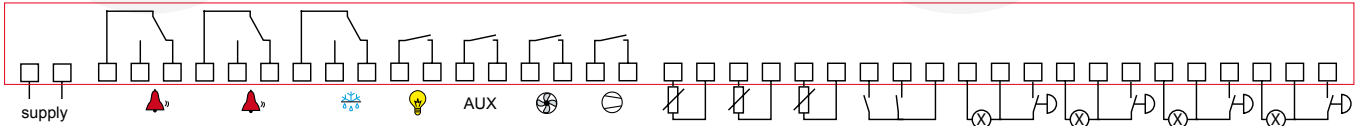


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs				detail												
							compressor relay	defrost relay DEF	radiator fan relay FAN	auxiliary relay 1	light relay	alarm relay 1	alarm relay 2	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	Notsschalter 1	Notsschalter 2	Notsschalter 3	Notsschalter 4	HACCP	time display	buzzer internal	interface Rs485	printer
1	378050*	AKO-156332	230V AC	NTC*	-50 to 100°C	LCD	16A	16A	8A	8A	16A	8A	8A	x	x	x	x	x	x	x	x	x	x	x	x	x	x

\* 1 x emergency switch with light included 1 1 x NTC probe included

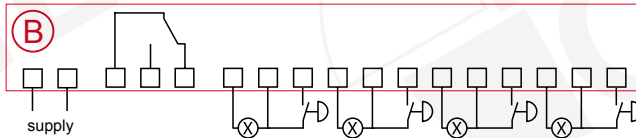
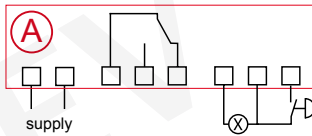


fig.	part no.	type	supply	alarm relay 1	Notsschalter 1	Notsschalter 2	Notsschalter 3	Notsschalter 4	interface Rs485
1A	378051*	AK-52063	230V AC	8A	x				x
1B	378063*	AK-52064	230V AC	8A	x	x	x	x	x

\* 1 x emergency switch with light included

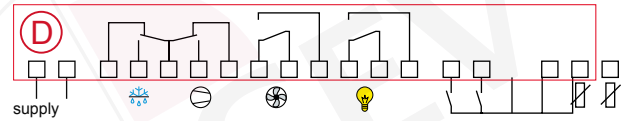
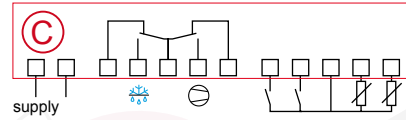
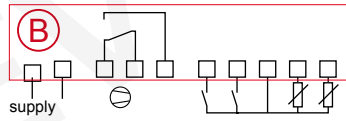
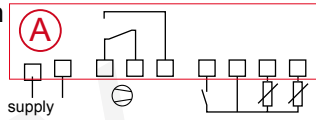


fig.	part no.	type	description
1	378062	AK-52062	emergency switch with light

## electronic controllers Carel

### refrigeration controllers

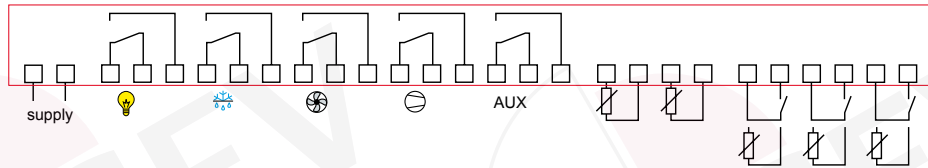
mounting dimensions 71x29mm



1

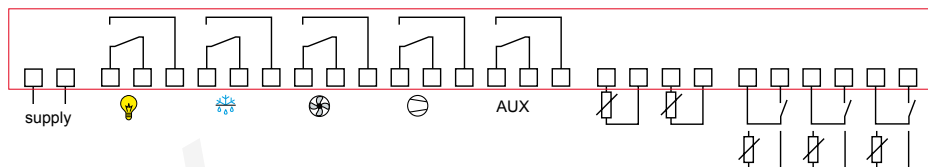
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs		detail					
							compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	temperature probe	defrost temperature probe	temperature probe 3	temperature probe 4	digital input 1	digital input 2	HACCP	time display
1A	378144	IR33S0ER00	230V AC			3	8A					X	X	X				X
1B	378143	IR33S0LR00	12/24V AC			3	12A					X	X	X	X			X
1C	378183	IR33Y00N00	12V AC/DC	NTC 10K	-50 to 90°C	3	12A	8A				X	X	X	X			X
1D	378182	IR33C0LN00	12/24V AC	NTC 50K	-50 to 150°C	3	12A	8A	8A	8A		X	X	X	X			X
1D	378181	IR33C0LB00	12/24V AC			3	12A	8A	8A	8A		X	X	X	X			X X X
1D	378145	IR33C0HB00	115-230V AC			3	12A	8A	8A	8A		X	X	X	X			X X X

### walk-in cold room controllers



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs					detail							
							compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	temperature probe	defrost temperature probe	temperature probe 3/Dig1	temperature probe 4/Dig2	temperature probe 5/Dig3	HACCP	time display	buzzer internal	interface RS 485				
1	378176	MD33D5EN00	230V AC	NTC 10K NTC 50K PTC	-50 to 90°C -50 to 150°C -50 to 150°C	3	30A	16A	8A	16A	8A						X	X	X	X	X			X



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs					detail							
							compressor relay	defrost relay DEF	radiator fan relay FAN	light/auxiliary relay	auxiliary relay 1	temperature probe	defrost temperature probe	temperature probe 3/Dig1	temperature probe 4/Dig2	temperature probe 5/Dig3	HACCP	time display	buzzer internal	interface RS 485				
1	378146	MD33D5FB00	230V AC	NTC 10K NTC 50K PTC	-50 to 90°C -50 to 150°C -50 to 150°C	3	30A	16A	8a	16A	8A						X	X	X	X	X			X X X

**electronic controllers Dixell**

**refrigeration controllers**  
mounting dimensions 71x29mm

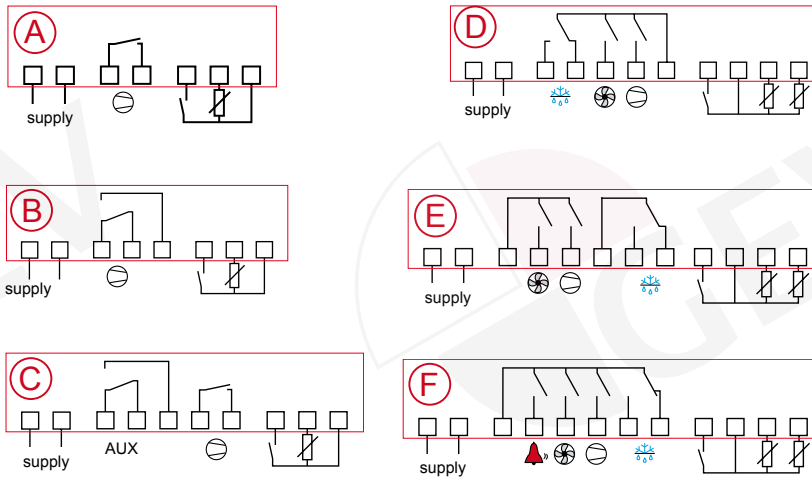
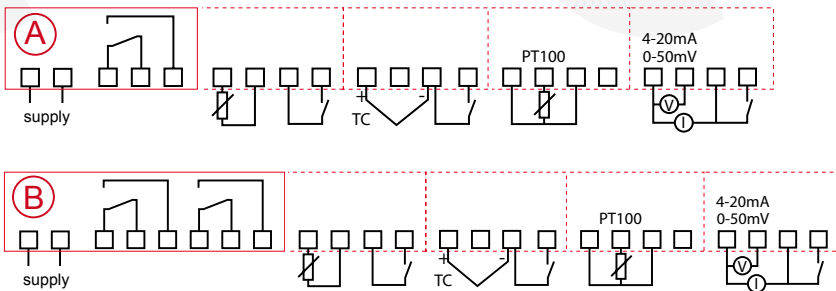


fig.	part no.	type	supply	probe	measurement range	outputs (AC1)				inputs				detail				
						display (Digits)	compressor relay	defrost relay DEF	radiator fan relay FAN	alarm relay	auxiliary relay	temperature probe	defrost temperature probe	temperature probe 3/Dig1	temperature probe 4/Dig2	temperature probe 5/Dig3	digital input 1	HACCP
1A	378219*	XR10C-5N1C1	230V AC			3½	20A					x				x	x	
1A	379981	XR20C-0N0C1	12V AC/DC			3½	20A					x				x		
2B	379661	XR20CX-0N0C0	12V AC/DC			3½	8A					x	x			x		
2B	379996	XR20CX-5N0C0	230V AC			3½	8A					x	x			x		
2A	378000	XR20CX-5N0C1	230V AC			3½	20A					x	x			x		
2C	379664	XR30CX-5N0C0	230V AC	NTC 10K PTC	-55 to 150°C	3½	8A					x	x			x		
2C	379665	XR30CX-5N0C1	230V AC			3½	20A			8A				x	x			x
2D	378112	XR60CX-0N0C0	12V AC/DC			3½	8A	8A	8A			x	x	x		x		
2D	378224	XR60CX-5N0C0	230V AC			3½	8A	8A	8A			x	x	x		x		
2E	402144	XR60CX-5N0C1	230V AC			3½	20A	8A	8A			x	x	x		x		
2F	378221	XR70CX-5N0C3	230V AC			3½	16A	8A	5A	8A		x	x	x		x		

\*no defrost function

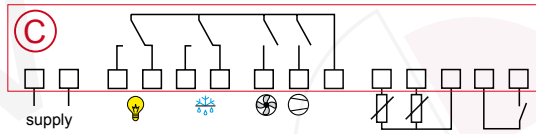
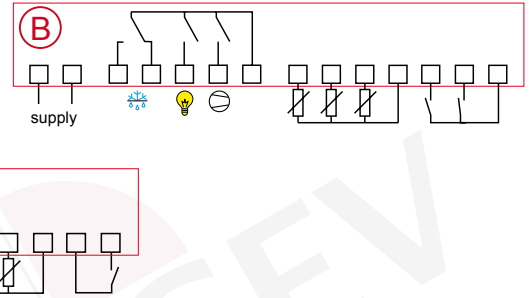
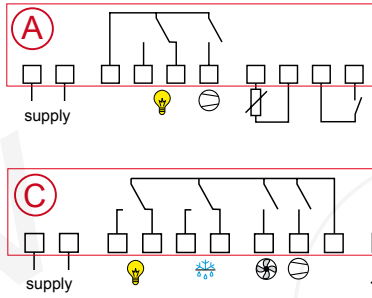
**universal controllers**  
mounting dimensions 71x29mm



position	part no.	type	supply	probe	measurement range	outputs (AC1)			inputs			detail					
						display (Digits)	relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	temperature probe 2	digital input 1	HACCP	time display	buzzer internal	interface RS 485		
1A	378220*	XT110C-5C0TU	230V AC	NTC 10K PTC	depend on probe	3½	8A					x	x				
2B	378007*	XT111C-0C1TU	12V AC/DC	PT100 Tc J/K/S 0-10V/4-20mA		3½	8A	8A				x	x			x	

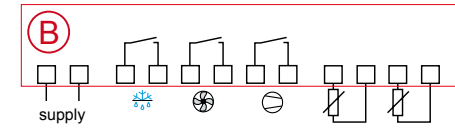
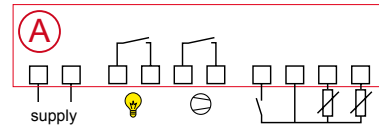
\*no defrost function

## refrigeration controllers mounting dimensions 150x30mm



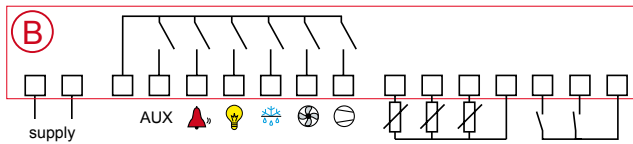
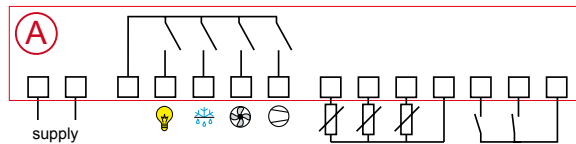
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fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	temperature probe	defrost temperature probe	digital input 1	
1A	378228	XW20L-5N0C1		NTC 10K	-55 to 150°C	3½	20A		8A			x	x	
1B	379655	XW40L-5N0C1	230V AC	PTC	-55 to 150°C	3½	20A	8A	8A			x	x	x
1C	378229	XW60L-5N0C1				3½	20A	8A	8A	8A		x	x	x



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	temperature probe	defrost temperature probe	digital input 1	
1A	378222	XW20LS-5N0C1		NTC 10K	-55 to 150°C	3½	20A		8A			x	x	
1B	378223	XW60LS-5N0C1	230V AC	PTC	-55 to 150°C	3½	20A	8A	8A			x	x	



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs					detail						
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	Alarmrelais	auxiliary relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2		HACCP	time display	buzzer internal	interface RS 485		
1A	402036	XW260L-5N0C0		NTC 10KOhm	-55 to 150°C	3½	20A	8A	8A	16A														
1B	379657	XW271L-5N0C0	230V AC	PTC	-55 to 150°C	3½	20A	8A	8A	16A	8A	16A												



refrigeration controllers two-part  
mounting dimensions 55x70mm

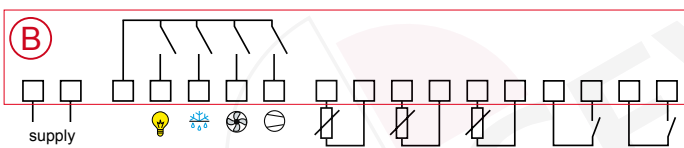
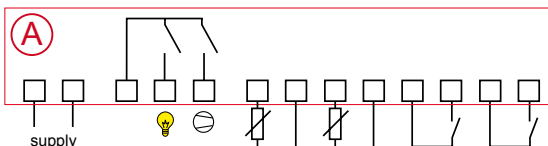


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	detail
1	378226	V620-000C0				3½										HACCP time display buzzer internal interface RS 485
2A	379660	XW220K-5N2C0	230V AC	NTC 10K PTC	-55 to 150°C		20A	16A			x	x	x	x		
2B	378225	XW260K-5N2C0					20A	8A	8A	16A	x	x	x	x	x	x

mounting dimensions 150x30mm

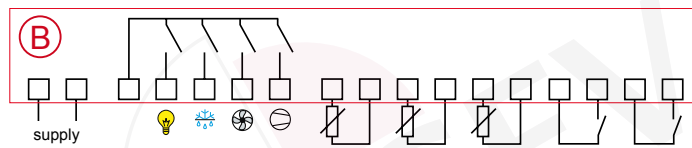
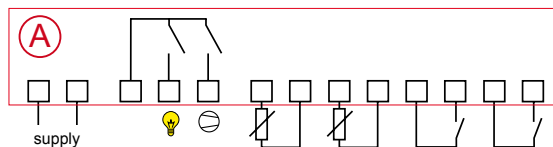
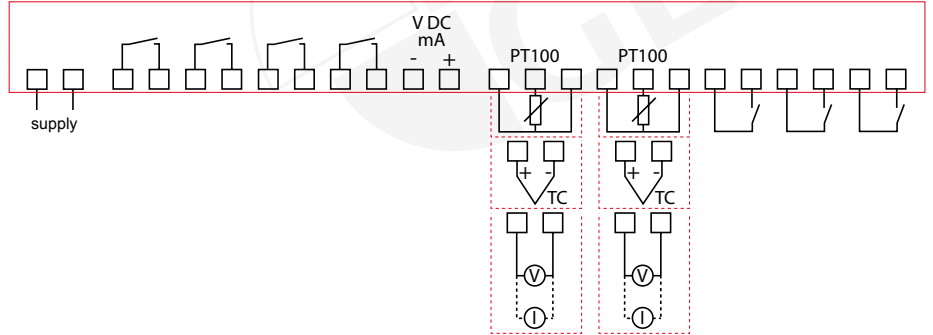


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	detail
1	379658	T620-000C0				3½										HACCP time display buzzer internal interface RS 485
2A	379660	XW220K-5N2C0	230V AC	NTC 10K PTC	-55 to 150°C		20A	16A			x	x	x	x		
2B	378225	XW260K-5N2C0					20A	8A	8A	16A	x	x	x	x	x	

## electronic controllers Dold

### universal controllers

mounting dimensions 92x92mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail					
							relay 1	relay 2	relay 3	relay 4	temperature probe 1	temperature probe 2	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal
1	379919	DPG96C ASP675315	230V AC	Pt100 Tc J,K,S mA V DC	depend on probe 4-20mA 0-10V DC	2x4	8A	8A	8A	8A	x	x		x	x	x			

**electronic controllers Ektron**

**refrigeration controllers**

mounting dimensions 71x29mm



1

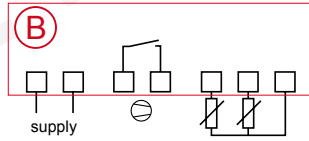
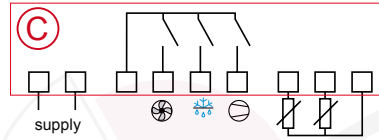
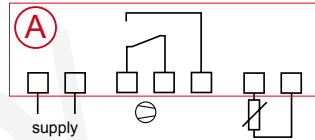
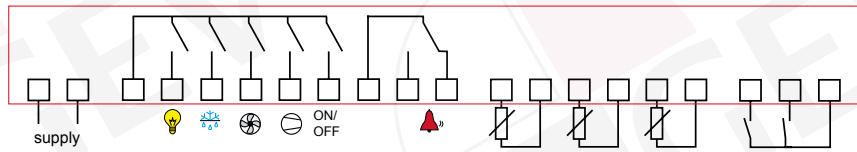


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	379542*	TEK31-0010	12V AC	PTC	-50 to +120°	3	compressor relay defrost relay DEF radiator fan relay FAN	temperature probe defrost temperature probe temperature probe 3/Dig1 temperature probe 4/Dig2 temperature probe 5/Dig3 digital input 1	HACCP time display buzzer internal interface RS 485
1B	378034	REK31ED-0021	230V AC			3	8A	x x	
1C	402020	REK33-0020	12V AC	PTC	-50 to +95°C	3	16A 7A 7A	x x	
1C	378118	REK33-1021	230V AC			3	16A 7A 7A	x x	

\*no defrost function

**refrigeration controllers**

mounting dimensions 102,5x35mm



position	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379541	REK65	230V AC	NTC	-50 to +120°C		compressor relay defrost relay DEF radiator fan relay FAN light relay ON-OFF relay alarm relay	temperature probe defrost temperature probe temperature probe 3/Dig1 temperature probe 4/Dig2 temperature probe 5/Dig3 digital input 1	HACCP time display buzzer internal interface RS 485
							30A 12A 8A 16A 8A 8A	x x x x x	x

## electronic controllers Eliwell

### refrigeration controllers

mounting dimensions 71x29mm



1

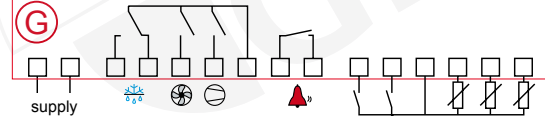
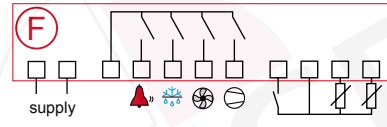
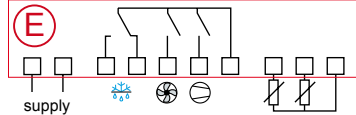
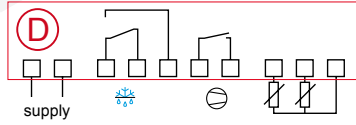
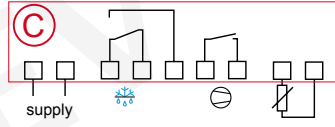
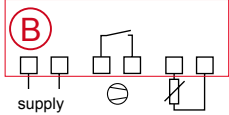
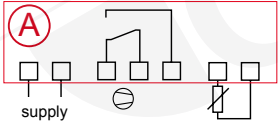


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs					detail																		
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal															
1A	379570	ID961 ID11C00TCA300 ID11D00TCA300	12V AC/DC			3½	8A																													
1A	379571	ID961 ID11C00TCA700 ID11D00TCA700	230V AC			3½	8A																													
1B	379644	ID961 ID16C00TCA300 ID16D00TCA300	12V AC/DC			3½	15A (1HP)																													
1B	379645	ID961 ID16C00TCA700 ID16D00TCA700	230V AC			3½	15A (1HP)																													
1C	379572	ID970 ID12C00TCD300 ID12D00TCD300	12V AC/DC			3½	8A 8A																													
1C	379573	ID970 ID12C00TCD700 ID12D00TCD700	230V AC			3½	8A 8A																													
1D	379574	ID971 ID22C00TCD300 ID22D00TCD300	12V AC/DC	NTC PTC	-50 to +110°C -55 to +150°C	3½	8A 8A																													
1D	379575	ID971 ID22C00TCD700 ID22D00TCH700	230V AC			3½	8A 8A																													
1E	379576	ID974 ID23C00TCD300 ID23D00TCD300	12V AC/DC			3½	8A 8A 5A																													
1E	379577	ID974 ID23C00TCD700 ID23D00TCD700	230V AC			3½	8A 8A 5A																													
1E	378135	ID974 ID2CD00TCH300	12V AC/DC			3½	15A (1HP) 8A 8A																													
1E	379646	ID974 ID2CD00TCH700	230V AC			3½	15A (1HP) 8A 8A																													
1F	378136	ID975 LX ID24DB0XCD300	12V AC/DC			3½	8A 8A 5A				5A																									
1G	379580	ID985 LX ID34DF0XCD300	12V AC/DC			3½	8A 8A 8A 5A																													



**universal controllers**  
mounting dimensions 71x29mm



1

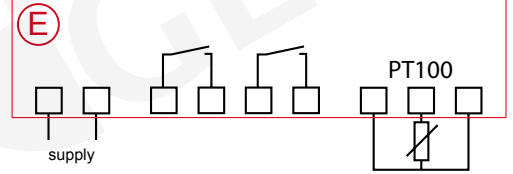
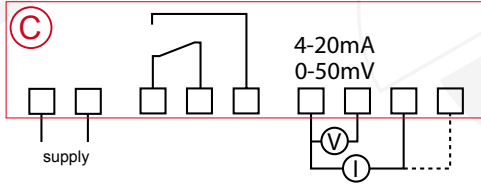
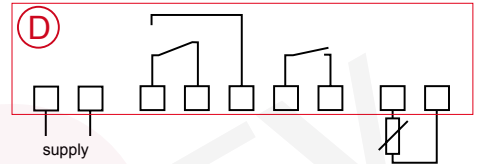
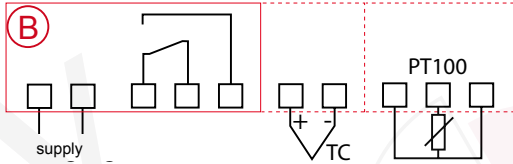
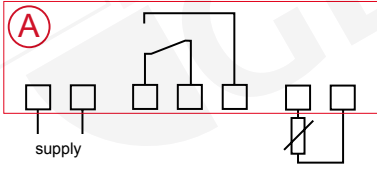


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs	detail
							relay 1 (AC1)	relay 2 (AC1)		
1A	379560*	IC901 IC11C00TCA300 IC11D00TCA300	12V AC/DC			2½	8A		x	
1A	379561*	IC901 IC11C00TCA700 IC11D00TCA700	230V AC			2½	8A		x	
1A	379558*	IC901 IC16C00TCA300 IC16D00TCA300	12V AC/DC			2½	15A		x	
1A	379559*	IC901 IC16C00TCA700 IC16D00TCA700	230V AC	NTC PTC	-50 to +110°C -55 to +150°C	2½	15A		x	
1A	379562*	IC902 IC11C00TCD300 IC11D00TCD300	12V AC/DC			3½	8A		x	
1A	379563*	IC902 IC11C00TCD700 IC11D00TCD700	230V AC			3½	8A		x	
1A	379689*	IC902 IC16D00TCD300	12V AC/DC			3½	15A		x	
1A	379690*	IC902 IC16D00TCD700	230V AC			3½	15A		x	
1B	379568*	IC912 IC11J00THD300	12V AC/DC			3½	8A		x	
1B	379567*	IC912 IC11J00THD500	24V AC	Pt100 Tc J,K,S	depend on probe	3½	8A		x	
1B	379606*	IC912 IC11J00THD700	230V AC			3½	8A		x	
1C	378137*	IC912 IC11I00TRN700	230V AC	mV/mA	0 to 10V 0 to 20mA	3½	8A		x	
1D	379565*	IC915 IC12C00THH300	12V AC/DC	NTC PTC	-50 to +110°C -55 to +150°C	3½	8A 8A		x	
1D	379569*	IC915 IC12C00TCH700	230V AC			3½	8A 8A		x	
1E	379885*	IC915 IC12P00THD400	12-24V AC	Pt100	-50 to +650°C	3½	8A 8A		x	

\*no defrost function

## refrigeration controllers

mounting dimensions 150x30mm

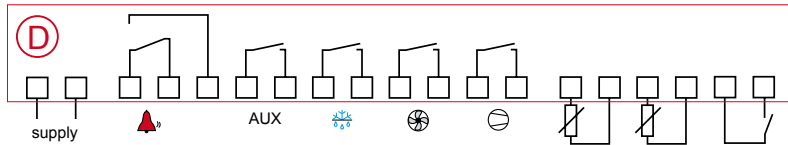
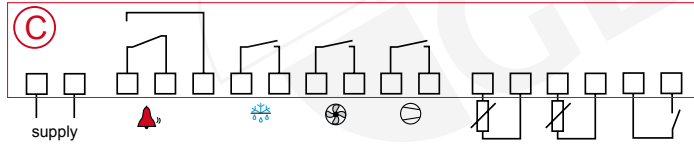
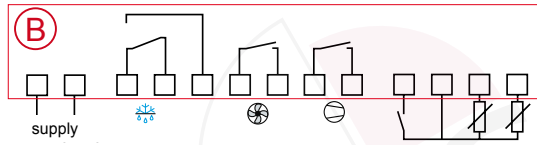
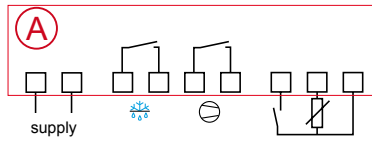


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs			detail								
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal			
1A	378142	IWC720 WC12DI0TQD700	230V AC	NTC	-50 to +110°C	3½	20A	8A					x	x										
1B	378141	IWC730 WC23DI0TQD780				3½	20A	8A	8A						x	x	x							
2C	379884	IWC740 WC24DI0TCD790				3½	8A	12A	8A				8A			x	x	x						
2D	378139	IWC750 WC25DI0TCD790				3½	12A	12A	8A	8A			8A			x	x	x						

## universal regulators

mounting dimensions 66,5x66,5mm

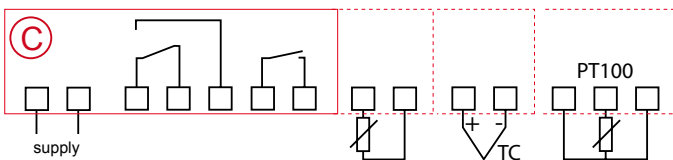
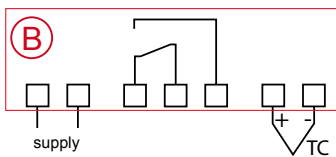
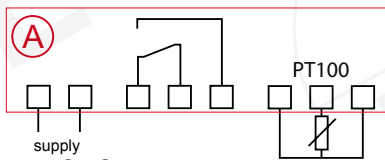


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs	detail		
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	time display	buzzer internal
1A	378203*	EW7210 E7211E0XHD700	95 to 240V AC	PT100	-200 to +800°C	2x4	8A		x			
1B	378202*	EW7210 E7211A0XHD700	95 to 240V AC	Tc J,K,S,R,T	depend on probe	2x4	8A		x			
1C	378204*	EW7220 E7212P0XBH700	95 to 240V AC	NTC/PTC Pt 100/Pt 1000 Tc J,K,S,R,T	depend on probe	2x4	8A	8A	x			

\*no defrost function

**refrigeration controllers two-part**  
mounting dimensions 71x29mm

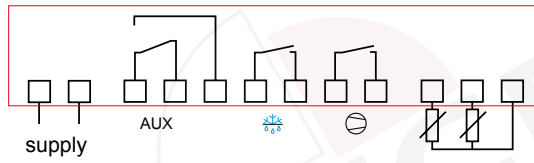
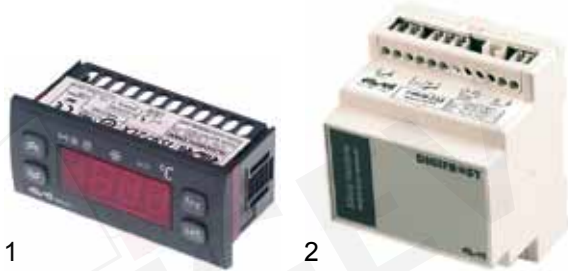


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal
1	379398	IS972 LX IS23DI0XCD000				3½										x					
2	379533	EWEM233 DS340000DC700	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		15A	15A	8A				x	x							

connection cable see page 227

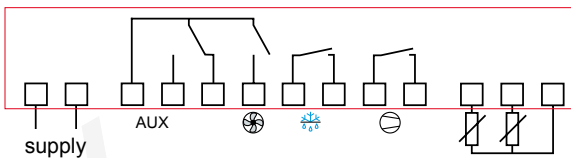


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal
1	378138	IS974 LX IS24DI0XCD000				3½										x					
2	378140	EWEM243 DS340000DC702	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		15A	15A	8A	8A			x	x							

connection cable see page 227

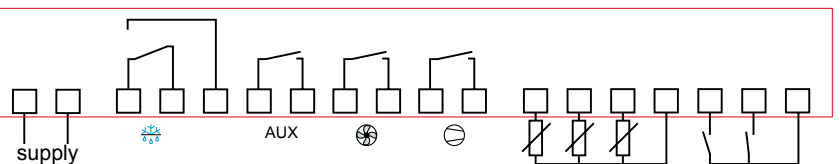


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal
1	378200	IWK WK1400100H000				3½															
2	378201	IWP 985 LX WD34DF1RCD700	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		15A	8A	8A	8A			x	x	x	x	x		x	x	

connection cable see page 227

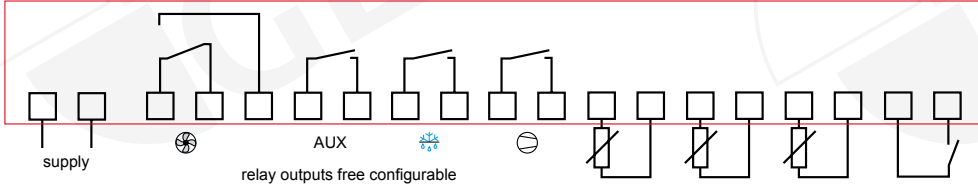


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs			detail						
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal	
1	378200	IWK WK1400100H000				3½																
2	378215	IWP 740 WP34DF1PCH790	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		15A	15A	8A	8A			x	x	x	x	x		x	x		

connection cable see page 227

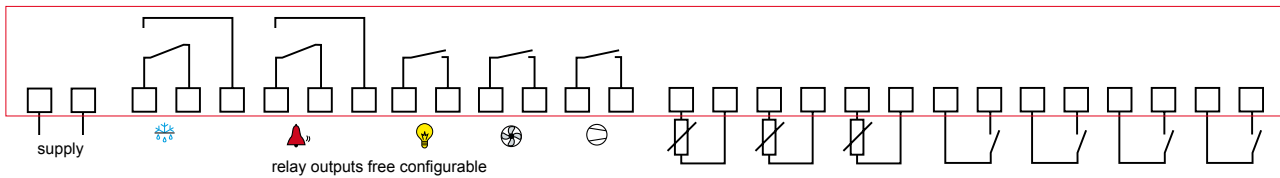
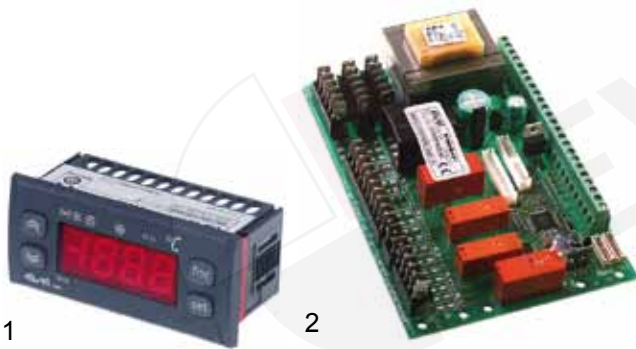


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail						
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal
1	379691	IWK WK1400100H081				3½																	
2	378218	IWP 750 WP35DF1XCD780	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		20A	15A	8A		8A	8A		x	x	x	x	x	x	x		x	x

connection cable see page 227

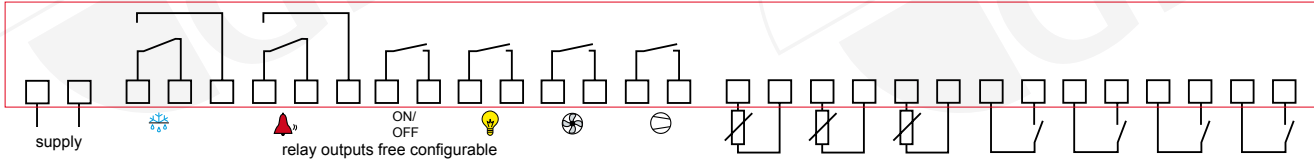
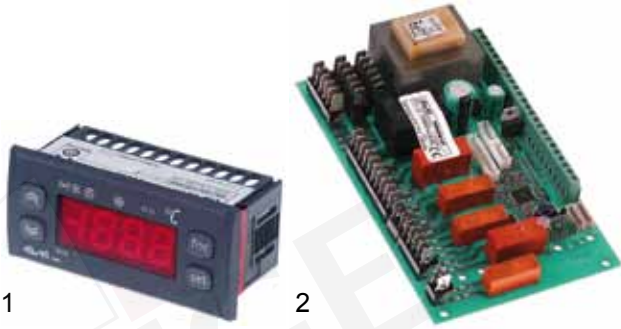


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs				detail								
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal			
1	379691	IWK WK1400100H081				3½																				
2	378211	IWP 760 WP36DF1XCD780	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		20A	15A	8A				8A	8A	8A	x	x	x	x	x	x	x	x	x	x	x

connection cable see page 227

mounting dimensions 150x30mm



2

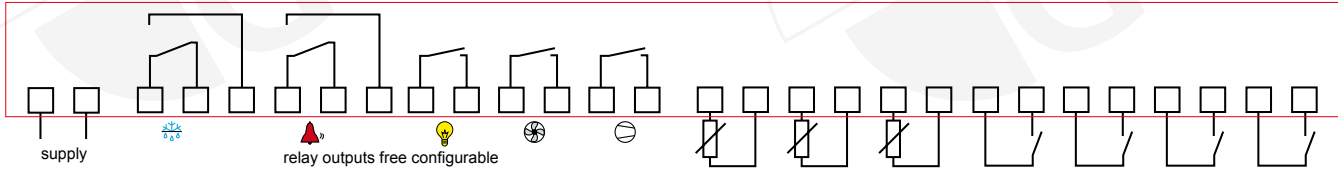


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal	
1	378216	IWK WK2600100H080				3½																		
2	378218	IWP 750 WP35DF1XCD780	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		20A	15A	8A		8A	8A		x	x	x	x	x	x	x	x	x	x	x

connection cable see page 227



2

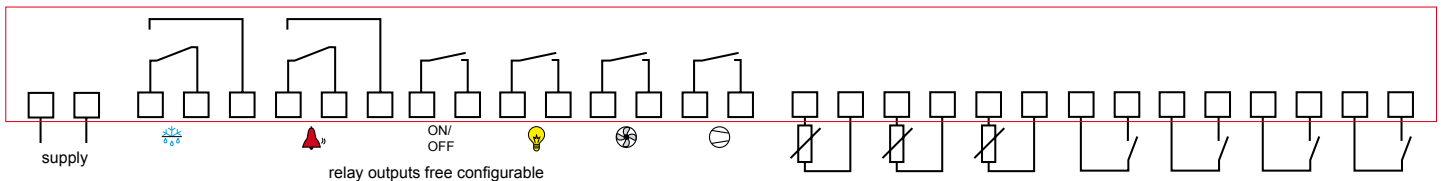


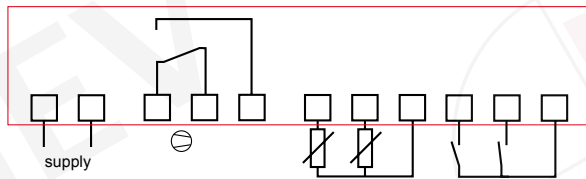
fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	digital input 4	HACCP	time display	buzzer internal	
1	378216	IWK WK2600100H080				3½																		
2	378211	IWP 760 WP36DF1XCD780	230V AC	NTC PTC	-50 to +110°C -55 to +150°C		20A	15A	8A		8A	8A	8A	x	x	x	x	x	x	x	x	x	x	x

connection cable see page 227



**refrigeration controllers**

DIN rail

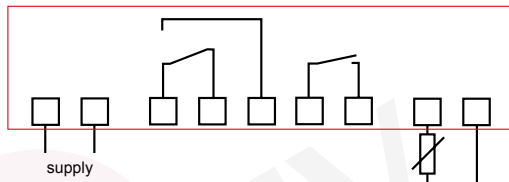


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	378205	EWDR 981 DR26DI0TCD700	100-240V AC	NTC PTC	-50 to +110°C -55 to +150°C	4	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1	temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2 digital input 3	HACCP time display buzzer internal

**universal controllers**

DIN rail

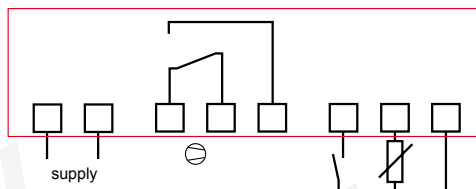


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	378207*	DR4020 E412N0XBH700	95 to 240V AC	NTC/PTC Pt 1000	depend on probe	2x4	relay 1 (AC1) relay 2 (AC1)	temperature probe 1	HACCP time display buzzer internal

\*no defrost function

**wall-mounting**

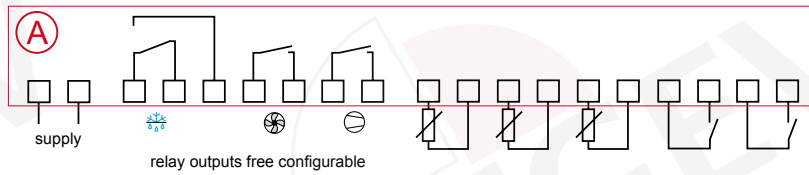


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	378217	WM961/A WM1GD- L00BHH00	95 to 240V AC	NTC PTC	-50 to +109°C -50 to +150°C	4	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1	temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2 digital input 3	HACCP time display buzzer internal

## refrigeration controllers for walk-in cold rooms

external dimensions 210x245x90mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs			detail				
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display
1A	378208	EWRC300 LX RCP3HDLX0H700	230V AC	NTC PTC	-50 to +110°C -55 to +140°C	2x4	12A (2HP)	8A (1HP)	8A				x	x	x	x	x			x
1A	378209	EWRC300 LX RCP3HDTX0H700	230V AC	NTC PTC	-50 to +110°C -55 to +140°C	2x4	12A (2HP)	8A (1HP)	8A				x	x	x	x	x	x	x	x
1B	378210	EWRC500 LX RCP3UDLX0H700	230V AC	NTC PTC	-50 to +110°C -55 to +140°C	2x4	12A (2HP)	8A (1HP)	8A	8A	8A		x	x	x	x	x			x
1B	378115	EWRC500 LX RCP3UDTX0H700	230V AC	NTC PTC	-50 to +110°C -55 to +140°C	2x4	12A (2HP)	8A (1HP)	8A	8A	8A		x	x	x	x	x	x	x	x

## electronic thermometers

external dimensions 71x29mm



no.	part no.	type	supply	probe	measurement range	display (Digits)
1	379545	EM300 TM10D0000D300	12V AC/DC	NTC PTC	-50 to +110°C -55 to +140°C	3½
2	378198	EM300LX TM10Z00X0M300	12V AC/DC	Pt100 Tc J,K	depend on probe	3½

**data loggers Eliwell**

external dimensions 210x245x90mm

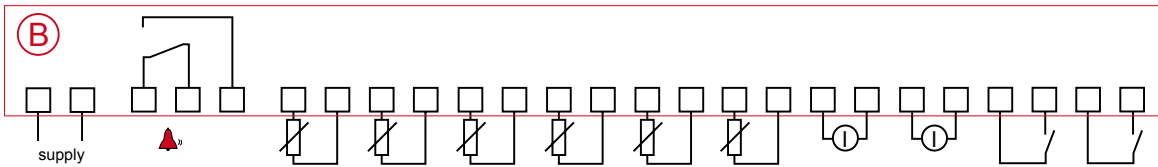
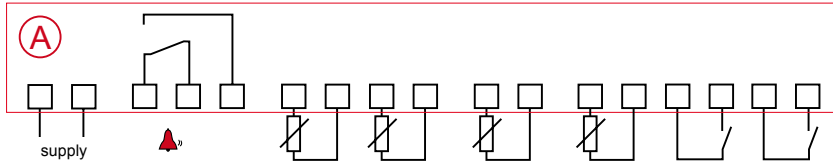


fig.	part no.	type	supply	printer	display	input 1	input 2	input 3	input 4	input 5	input 6	input 7	input 8	input 9	input 10	Digitalergänge	alarm relay interface RS232 buzzer
1A	378213 <sup>1</sup>	Memory 1045 M1K04X02R0X00	230V AC	—	LCD display	NTC	NTC	NTC	NTC							2	x x x
2A	378212 <sup>1</sup>	Memory 1040 L M1K04X02N1X00	230V AC	x	LCD display	NTC	NTC	NTC	NTC							2	x x
3A	378241 <sup>1</sup>	Memory 1040 M1K04X02R1X00	230V AC	x	LCD display	NTC	NTC	NTC	NTC							2	x x x
1B	378239 <sup>1</sup>	Memory 1085 M1K08X02R0X00	230V AC	—	LCD display	NTC	NTC	NTC	NTC	NTC	NTC	NTC	NTC			2	x x x
3B	378242 <sup>1</sup>	Memory 1080 M1K08X02R1X00	230V AC	x	LCD display	NTC	NTC	NTC	NTC	NTC	NTC	NTC	NTC			2	x x x
3B	378243 <sup>1</sup>	Memory 1080 2AI M1K26X02R1X00	230V AC	x	LCD display	4-20mA	4-20mA	NTC	NTC	NTC	NTC	NTC	NTC			2	x x x
1B	378240 <sup>1</sup>	Memory 1085 2AI M1K26X02R0X00	230V AC	—	LCD display	4-20mA	4-20mA	NTC	NTC	NTC	NTC	NTC	NTC			2	x x x

<sup>1</sup> 2 x NTC probe included

## electronic controllers Evco

### refrigeration controllers

mounting dimensions 71x29mm



1

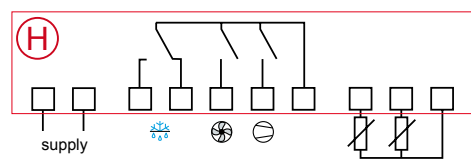
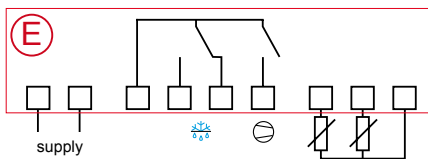
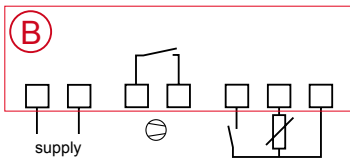
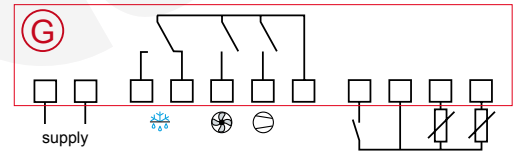
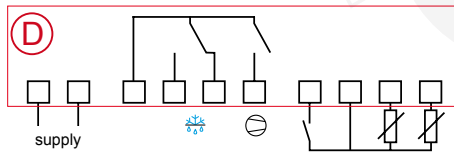
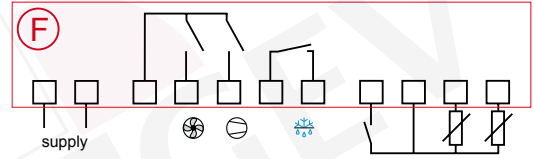
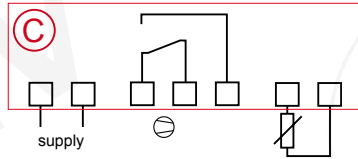
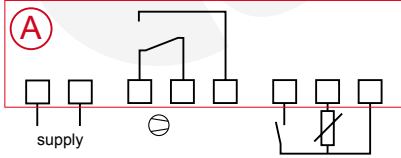


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs				detail				
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digital in. 2	digital input 3	digital input 4
1A	379647	EVKB21	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	2½	16A							x		x				
1B	379648	EVKB31	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	2½	30A							x		x				
1C	378126	EVK201 EVK201N7	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A							x						
1C	378147	EVK211 EVK211N3VXBS	12-24V AC/DC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A							x						x
1C	378148	EVK211 EVK211N7VXBS	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A							x						x
1D	378149	EVK212 EVK212N3VXBS	12-24V AC/DC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A 8A							x	x	x				x
1E	378150	EVK202 EVK202N7VXBS	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A 8A							x	x					x
1F	379649	EVKB33	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	2½	30A 8A 8A							x	x	x				
1G	378113	EVK213 EVK213N2	12-24V AC/DC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A 8A 8A							x	x	x				
1G	378153	EVK213 EVK212N3VXBS	12-24V AC/DC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A 8A 8A							x	x	x				x
1H	378154	EVK203 EVK203N7VXBS	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A 8A 8A							x	x					x

**universal controllers**  
mounting dimensions 71x29mm

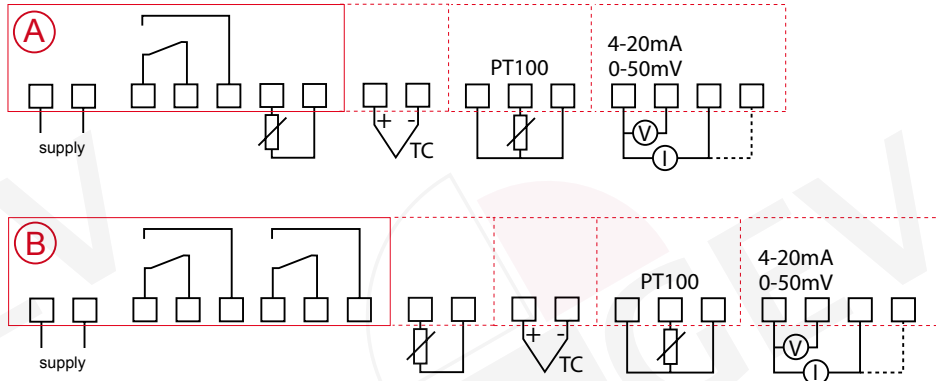


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail		
							relay 1	relay 2	relay 3	relay 4	temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3
1A	378131*	EVK411 EVK411M2VHBS	12V AC/DC	NTC PTC TC J,K PT100/ Pt1000 mV mA	depend on probe	3½	16A					x				
1A	378134*	EVK411 EVK411M7VHBS	230V AC			3½	16A					x				
1B	378151*	EVK412 EVK412M3VXBS	12-24V AC/DC			3½	16A 8A					x				
1B	378152*	EVK412 EVK412M7VXBS	230V AC			3½	16A 8A					x				

\* no defrost function

**refrigeration controllers**  
mounting dimensions 150x30mm

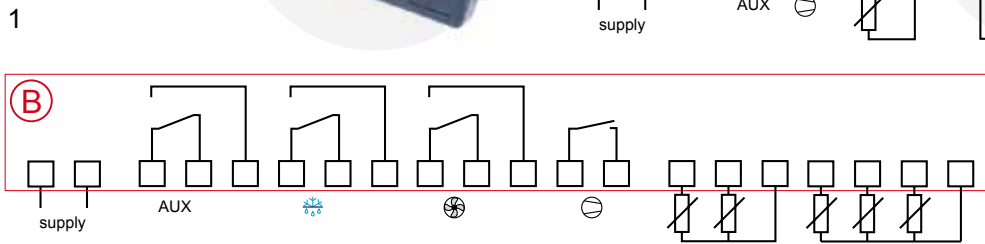
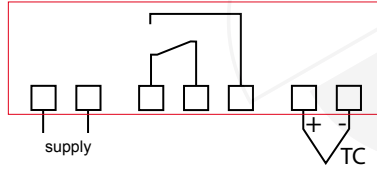


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs				detail			
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalin. 2	digital input 3	digital input 4
1A	378155	EVS212 EVS212N7F	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	20A		8A							x	x			
1B	378156	EVS214 EVS214N7F	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	3½	16A	8A	8A	8A			x	x	x	x				

## universal controllers

mounting dimensions 45x45mm



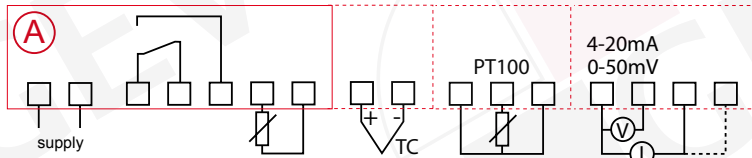
1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail			
							relay 1	relay 2	relay 3	relay 4	temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP
1	378168*	EC4-132 EC4-132 J220 S001	230V AC	Tc J	0 to +700°C	3	8A	8A			x						

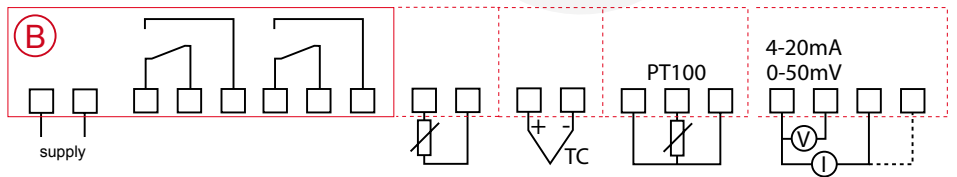
\* no defrost function

## universal controllers

mounting dimensions 66,5x66,5mm



1



2

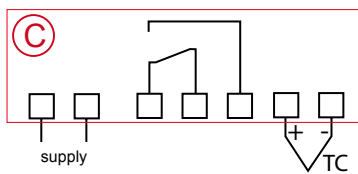
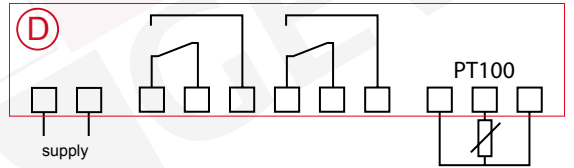
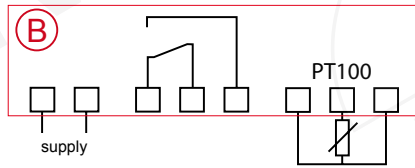
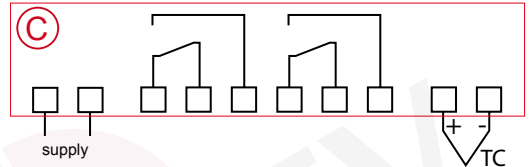
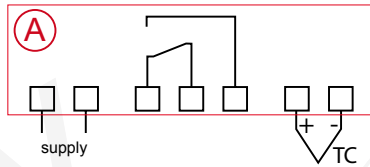


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail					
							relay 1	relay 2	relay 3	relay 4	temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer
1A	378169 <sup>1</sup>	EV7401 EV7401M6	24/240V AC	PTC/NTC Pt100	depend on probe	4	8A					x					x		
1B	378170 <sup>1</sup>	EV7402 EV7402M6	24/240V AC	Tc J, K mA		4	8A	8A					x					x	
2C	378171 <sup>1,2</sup>	EV7611 EV7611J6	24/240V AC	Tc J	0 to +700°C	4	8A					x					x	x	x

<sup>1</sup> no defrost function <sup>2</sup> with timer function



mounting dimensions 92x92mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail			
							relay 1	relay 2	relay 3	relay 4	temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP
1A	378172*	RK400 RK400AJ7E001	24/240V AC	Tc J Tc K	0 to +700°C 0 to +999°C	3	8A					x					x
1B	378173*	RK400 RK400AC7E001	24/240V AC	Pt100	-50 to +600°C	3	8A					x					x
1C	378174*	RK401 RK401AJ7E001	24/240V AC	Tc J Tc K	0 to +700°C 0 to +999°C	3	8A	8A				x					x
1D	378175*	RK401 RK401AC7E001	24/240V AC	Pt100	-50 to +600°C	3	8A	8A				x					x

\*no defrost function

**refrigeration controllers**

mounting dimensions 66,5x138mm



1

2

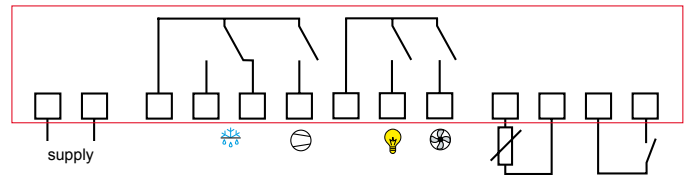


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs				detail							
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalin. 2	digital input 3	digital input 4	HACCP	time display	buzzer internal		
1	379923	EK820 EK820AP7	230V AC	PTC	-50 to +150°C	2x3	16A	6A	6A	12A							x	x	x	x	x				x
2	378180	EK825 EK825AP7	230V AC	PTC	-50 to +150°C	2x3	16A	6A	6A	12A							x	x	x	x	x				x

## universal controllers

mounting dimensions 66,5x138mm

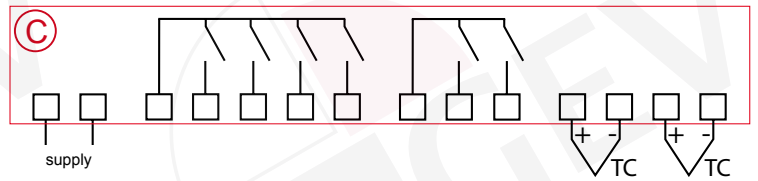
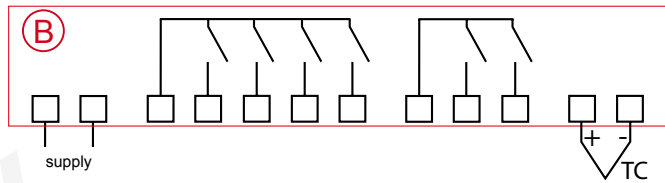
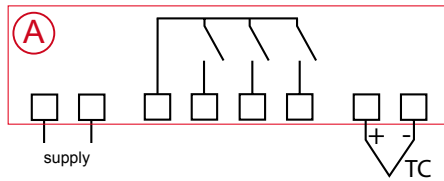


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)						inputs			detail				
							relay upper	relay bottom	light relay	Dampfgeneratorrelais	Dampfeinspritzungsrelais	Absaugungsrelais	temperature probe 1	temperature probe 2	temperature probe 3	HACCP	time display	buzzer internal	timer	
1A	378177*	EK340 EK340AJ7	230V AC	Tc J Tc K	0 to +700°C 0 to +999°C	3	8A	8A	8A					x					x	
2A	379922*	EK342 EK342AJ7	230V AC	Tc J Tc K	0 to +700°C 0 to +999°C	3+2	8A	8A	8A					x					x	x
3B	378178*	EK354 EK354AJ7	230V AC	Tc J Tc K	0 to +700°C 0 to +999°C	3+2	8A	8A	8A	16A	8A	8A		x					x	x
4C	378179*	EK356 EK356AJ7	230V AC	Tc J Tc K	0 to +700°C 0 to +999°C	2x3+2	8A	8A	8A	16A	8A	8A		x	x				x	x

\*no defrost function

**refrigeration controllers**

DIN rail

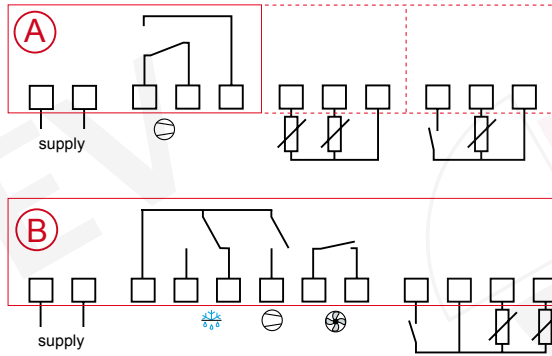


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	378157	EV6221 EV6221P7VXBS	230V AC	NTC	-40 to +105°C	2½	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1	temperature probe defrost temperature probe temperature probe 3 digital input 1 probe 3/Digital in. 2 digital input 3 digital input 4	HACCP time display buzzer internal
1B	378160	EV6223 EV6223P7VXBS		PTC	-50 to +150°C	2½	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1 on/off relay	temperature probe defrost temperature probe temperature probe 3 digital input 1 probe 3/Digital in. 2 digital input 3 digital input 4	HACCP time display buzzer internal

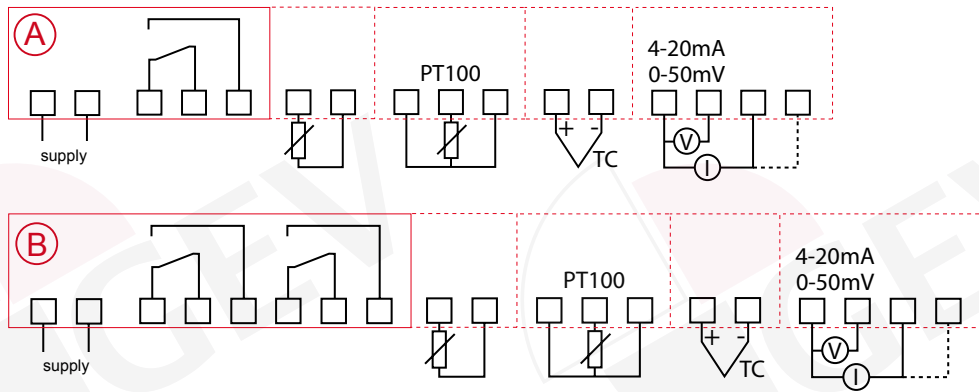


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	378158*	EV6421 EV6421M7VHBS	230V AC	PTC/NTC Pt100	depend on probe	3½	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1 on/off relay	temperature probe defrost temperature probe temperature probe 3 digital input 1 probe 3/Digital in. 2 digital input 3 digital input 4	HACCP time display buzzer internal
1B	378159*	EV6412 EV6412M7VXBS		TcJ,K mA		3½	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1 on/off relay	temperature probe defrost temperature probe temperature probe 3 digital input 1 probe 3/Digital in. 2 digital input 3 digital input 4	HACCP time display buzzer internal

\* no defrost function

**electronic thermometers Evco**



1 mounting dimensions 58x25,5mm



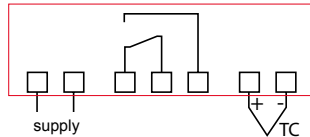
2 mounting dimensions 71x29mm

fig.	part no.	type	supply	probe	measurement range	display (Digits)	fig.	part no.	type	supply	probe	measurement range	display (Digits)
1	379900	TM103N4	24V AC	NTC	-40 to 110°C	2½	2	378247	EVK100M7	230VAC	PTC/NTC Pt100	depend on probe	3½
1	400754	TM103N7	230VAC	NTC	-40 to 110°C	2½					TcJ,K		

## electronic controllers Honeywell

### universal controllers

mounting dimensions 92x92mm



1

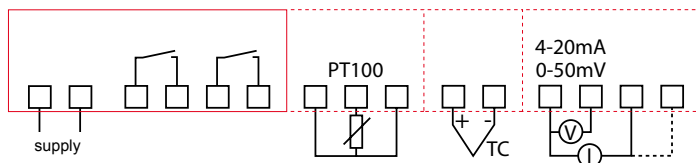
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	
1	379876*	DC10N-R-20-JC1			0 to +300°C	3	10A		x		time display buzzer internal
2	379877*	DC10N-400	24/230V AC	Tc J	0 to +400°C	3	10A		x		
3	379878*	DC10N-500			0 to +500°C	3	10A		x		

\* no defrost function

## electronic controllers Jumo

### universal controllers

mounting dimensions 92x92mm



1

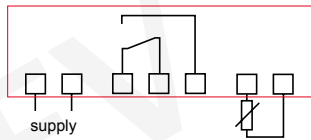
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	
1	400989*	Jumoitron 88-888-000-23	110-240V AC	Pt100 Tc J,K,S mA/V	depend on probe	4	3A	3A	x		time display buzzer internal

\* no defrost function

**electronic controllers LAE**

**universal controllers**

mounting dimensions 58x25,4mm



position	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379767*	MTR6T1RD	12V AC/DC	PTC <sup>1</sup>	-50 to +150°C	3	relay 1 (AC1)	temperature probe 1	HACCP time display buzzer internal interface RS 485

\* no defrost function <sup>1</sup> 1 x PTC probe included

**refrigeration controllers**

mounting dimensions 71x29mm

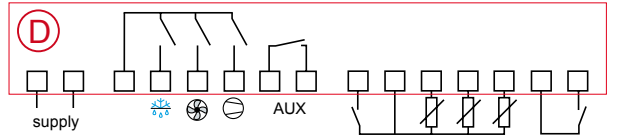
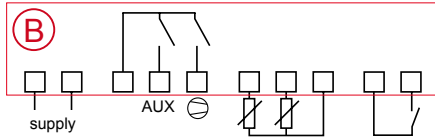
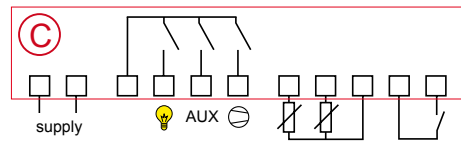
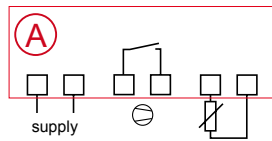


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	379762	AT1-5AS5E-G	230V AC	NTC 10K PTC <sup>1</sup>	-40 to +120°C -50 to +150°C	3	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1	temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2	HACCP time display buzzer internal interface RS 485
1B	379763	AT1-5BS4E-BG	115-230V AC	NTC 10K PTC <sup>2</sup>	-40 to +120°C -50 to +150°C	3	16A 7A	x x	x
1C	379764	AT2-5BS4E-ET	230V AC	NTC 10K PTC <sup>2</sup>	-40 to +120°C -50 to +150°C	3	16A 7A 7A	x x x	
1D	379760	AR1-5C14W-BG	115-230V AC	NTC 10K PTC <sup>3</sup>	-40 to +120°C -50 to +150°C	3	12A 7A 7A 7A	x x x x x	x x x x

<sup>1</sup> 1 x PTC probe included <sup>2</sup> 2 x PTC probe included <sup>3</sup> 3 x PTC probe included

**universal controllers**

mounting dimensions 71x29mm

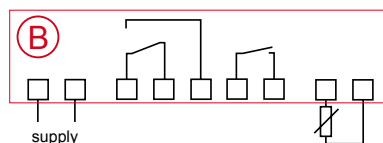
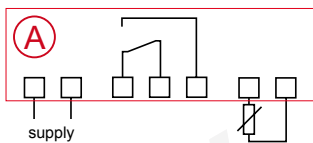


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	379765	LTR-5TSRE	230V AC	PTC <sup>1</sup>	-50 to +150°C	3	16A	temperature probe 1	HACCP time display buzzer internal interface RS 485
1B	379768*	AC1-5TS2RW-B	115-230V AC	NTC 10K PTC <sup>1</sup>	-40 to +125°C -50 to +150°C	3	12A 7A	x	x

\* no defrost function <sup>1</sup> 1 x PTC probe included



## refrigeration controllers

mounting dimensions 102,5x35mm

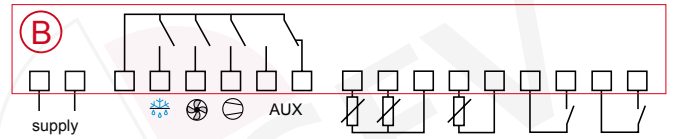
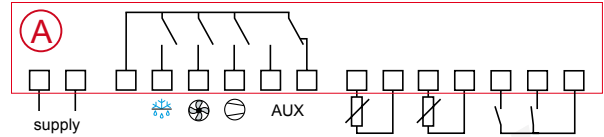


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs				detail			
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	HACCP	time display	buzzer internal
1A	378184	LCD32Q4E-C	230V AC	NTC 2K <sup>1</sup>	-30 to +30°C	20A	12A	8A	8A	x	x	x	x					x
2B	379772	AD-32Q24W-BG	230V AC	NTC 10K <sup>2</sup>	-30 to +30°C	16A	16A	7A	7A	x	x	x	x					x

<sup>1</sup> 2 x NTC probe included <sup>2</sup> 3 x NTC probe included

mounting dimensions  
180x80mm

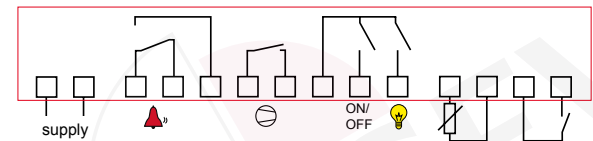


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs			detail			
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	on/off-relay	alarm relay	temperature probe	defrost temperature probe	digital input 1	digital input 2	HACCP	time display
1	379485	CDC801T1R4	230V AC	PTC <sup>1</sup>	-50 to 150°C	25A			3A	5A	5A	x	x					

<sup>1</sup> 1 x PTC probe included

two-part, mounting dimensions 71x29mm

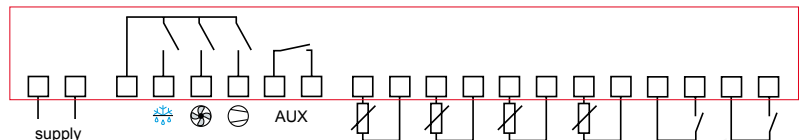


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs				detail			
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	on/off-relay	auxiliary relay 1	temperature probe	defrost temperature probe	temperature probe 3	temperature probe 4	digital input 1	HACCP	time display
1	379771	LCD-5S				3													
2	379770	LF28D3S4E-B	230V AC	NTC 2K <sup>1</sup>	-50 to +80°C	20A	12A	7A		7A	x	x	x	x	x			x	

<sup>1</sup> 4 x NTC probe included



two-part, mounting dimensions 102,5x35mm

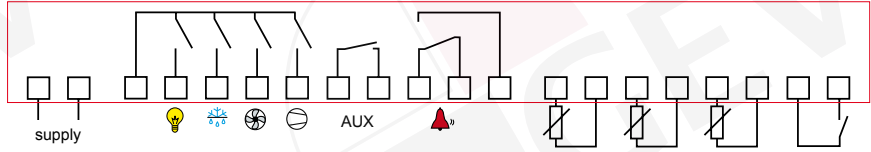


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs				detail							
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	light relay	alarm relay	auxiliary relay 1	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	HACCP	time display	buzzer internal	interface RS 485		
1	379483	SMD34RU				3																	
2	379484	SSD90B35E-C	230V AC	PTC <sup>1</sup>	-50 to 150°C		20A	12A	8A	8A	8A	8A	x	x	x	x							x

<sup>1</sup> 3 x PTC probe included

DIN rail

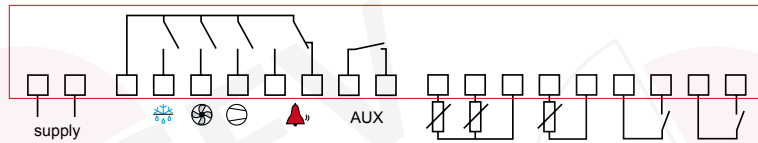


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)					inputs				detail							
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	auxiliary relay 2	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	HACCP	time display	buzzer internal	interface RS 485			
1	379761	AR2-27C15E-BG	230V AC	NTC 10K PTC <sup>1</sup>	-40 to +125°C -50 to +150°C	3	15A	7A	7A	7A	7A	x	x	x	x	x						x	x

<sup>1</sup> 3 x PTC probe included

**universal controllers**

DIN rail

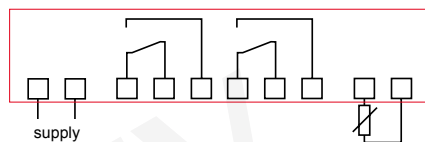
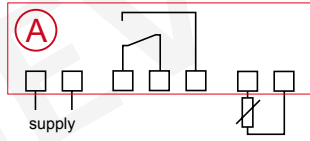


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail			
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1		HACCP	time display	buzzer internal	interface RS 485
1	379766*	AC1-27TS2RE-B	230V AC	NTC 10K PTC <sup>1</sup>	-40 to +125°C -50 to +150°C	3	16A	16A	x					x

\* no defrost function <sup>1</sup> 1 x PTC probe included

## wall-mounting



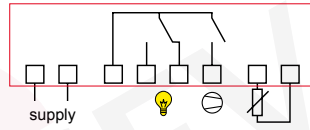
1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1A	379606*	MTR4T1RE	230V AC	PTC	-50 to +150°C	3	relay 1 (AC1) relay 2 (AC1)	temperature probe 1	HACCP time display buzzer internal interface RS 485
1B	379607*	MTC4T1RE	230V AC	PTC <sup>1</sup>	-50 to +150°C	3	5A 5A	x	

\* no defrost function <sup>1</sup> 1 x PTC probe included

## refrigeration controllers

### wall-mounted



1

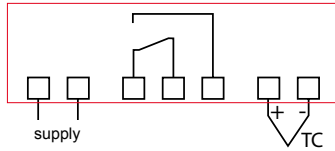
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379769	LDU2W2E-MT	230V AC	NTC2K <sup>1</sup>	-25 to +25°C	3	compressor relay auxiliary relay 1	temperature probe 1	HACCP time display buzzer internal interface RS 485

<sup>1</sup> 1 x PTC probe included

**electronic controllers Omron**

**universal controllers**

mounting dimensions 45x45mm



1

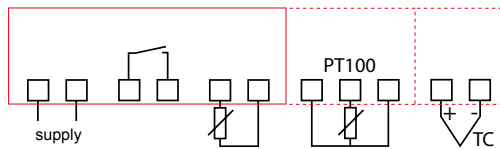
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379055*	E5C2-R40L-D	230V AC	TC(L)	0 to +200°C		relay 1 (AC1) relay 2 (AC1)	temperature probe 1	HACCP time display buzzer internal

\* no defrost function

**electronic controllers Pyxsys**

**universal controllers**

mounting dimensions 66,5x66,5mm



1

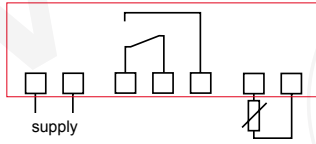
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379857*	ATR150-2AB	24/230V AC	PTC Pt100 Tc J,K,S	depend on probe	4	relay 1 (AC1) relay 2 (AC1)	temperature probe 1	HACCP time display buzzer internal

\* no defrost function

## electronic controllers Störktronic

### universal controllers

mounting dimensions 58x25,4mm



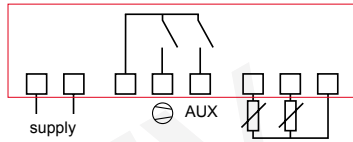
1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	relay 1	outputs (AC1)	inputs	detail
1	378109*	ST58-GB1TA.10	230V AC	PTC PT100	-50 to +130°C -80 to +400°C	3	5A		temperature probe 1 x	HACCP time display buzzer internal interface RS 485

\* no defrost function

## refrigeration controllers

mounting dimensions 67,5x31,5mm



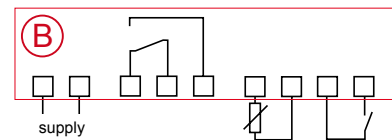
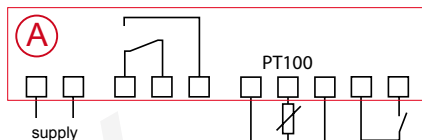
1

relay outputs free configurable

fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	relay 1	outputs (AC1)	inputs	detail
1	379626	ST710-KSKA.12	230V AC	PTC	-50 to +150°C	3		12A 8A		temperature probe defrost temperature probe x x	HACCP time display buzzer internal interface RS 485 x

## universal controllers

mounting dimensions 67,5x31,5mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	relay 1	outputs (AC1)	inputs	detail
1A	378161*	ST710-JB1BA.10	230V AC	PT100	-80 to +400°C	3	12A		temperature probe 1 digital input 1 x x	HACCP time display buzzer internal interface RS 485 x
1B	378162*	ST710-JB1JA.10	230V AC	PTC		3	12A		x x	

\* no defrost function

**refrigeration controllers**  
mounting dimensions 68x28mm

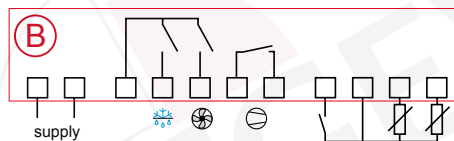
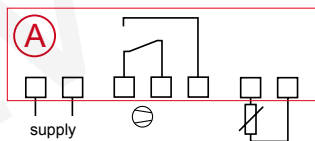


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs		detail				
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	auxiliary relay 2	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	HACCP
1A	379703	ST70-36.11	12-24V AC/DC	PTC	-55 to +99°C	2½	5A					x					
1B	379704	ST70-36.13	12-24V AC/DC	PTC	-55 to +99°C	2½	5A	5A	5A			x	x				

**universal controllers**  
mounting dimensions 68x28mm

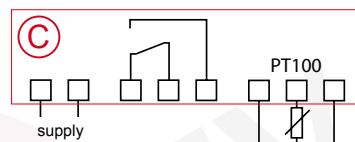
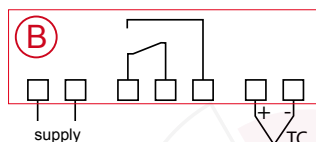
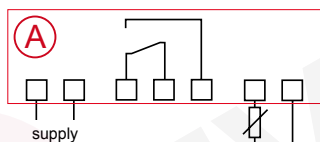


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail	
							relay 1	temperature probe 1	temperature probe 1	HACCP	time display	buzzer internal
1A	379701*	ST70-31.10	12-24V AC/DC	PTC	-50 to +150°C	3	7A		x			
1B	379702*	ST70-31.10	12-24V AC/DC	Tc J Tc K	-99 to +700°C -99 to +999°C	3	7A		x			
1C	379599*	ST70-31.10	12-24V AC/DC	PT100	-80 to +590°C	3	7A		x			

\* no defrost function

mounting dimensions 102,5x35mm

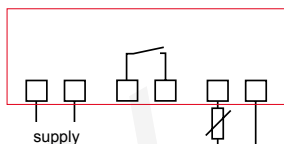


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs		detail	
							relay 1	temperature probe 1	temperature probe 1	HACCP	time display	buzzer internal
1	378163*	ST121-JA1TA.10	12V AC/DC	PTC PT100	-50 to +130°C -80 to +400°C	3	16A		x			

\* no defrost function

mounting dimensions 106x68mm

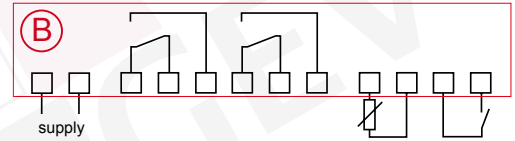
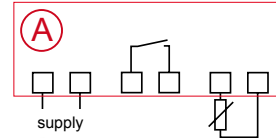
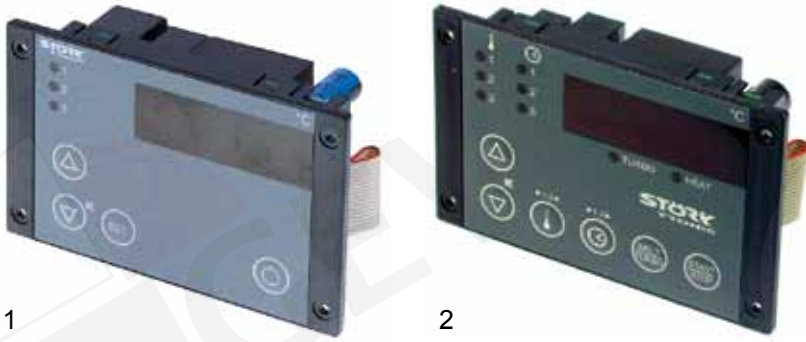


fig.	part no.	type	supply	probe	measurement range	display (Digits)	relays	outputs (AC1)	inputs	detail
1A	378164*	ST501-JA1TA.10	230V AC	PTC PT100	-50 to +130°C -80 to +400°C	3	12A		temperature probe 1 digital input 1	HACCP time display buzzer internal interface RS 485
2B	379601**	ST501-QE1TA.09	230V AC	PTC PT100	-50 to +130°C -80 to +400°C	3	10A 8A		x x	x

\* no defrost function \*\* fryer controller

mounting dimensions 159x65mm



fig.	part no.	type	supply	probe	measurement range	display (Digits)	relays	outputs (AC1)	inputs	detail
1	378244*	ST552 glass	230V AC	Tc J PT100	depend on probe	3	8A 8A 8A 8A 8A		temperature probe 1 digital input 1 digital input 2	HACCP time display buzzer internal interface RS 485

\* fryer controller

## refrigeration controllers

mounting dimensions 166x71mm

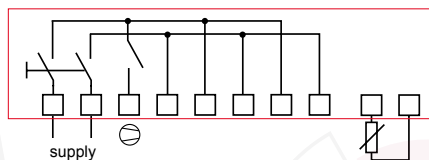


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	outputs (AC1)	inputs	detail
1	379627	TRT174-01.01	230V AC	PTC	-55 to +99°C	2½	16A		temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2	HACCP time display buzzer internal main switch



**universal controllers**

install ø60mm

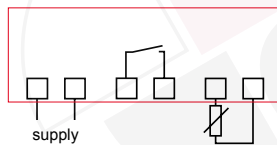
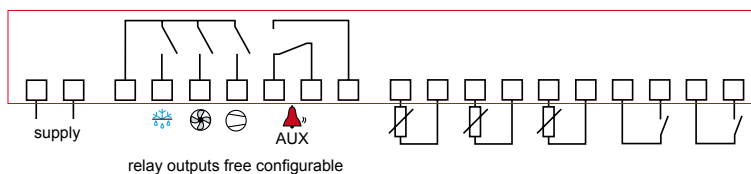


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	379304*	ST64-31.10	230V AC	PTC PT100	-50 to +130°C -80 to +400°C	3	relay 1 16A	temperature probe 1 x	HACCP time display buzzer internal interface RS 485
1	379305*	ST64-31.10	230V AC	PTC	-50 to +140°C	3	16A	x	
2	379339*	ST73-31.10	230V AC	PT100	-60 to +400°C	3	16A	x	

\* no defrost function

**refrigeration controllers for walk-in cold rooms**

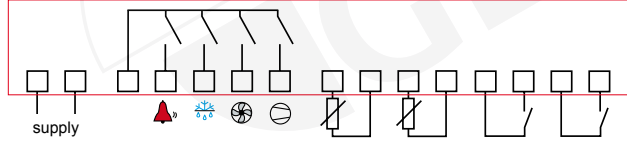
dimensions 166x161x71mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)	inputs	detail
1	378245	ST603-QN1LAR.112	230V AC	PTC	-50 to +150°C	3	compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 16A 16A 16A 8A	temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2 x x x x x	HACCP time display buzzer internal interface RS 485 x x

dimensions 186x161x121mm

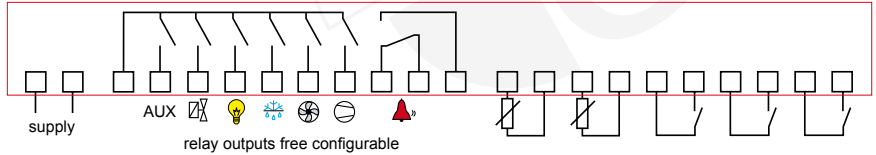


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail			
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	alarm relay 1	temperature probe	defrost temperature probe	temperature probe 3	HACCP	time display	buzzer internal	main switch
1	379295	TRW230-100.14	230V AC	PTC <sup>1</sup>	-55 to +99°C	2½	16A	8A	8A	8A	x	x	x	x			x

<sup>1</sup> 2 x PTC probe included

dimensions 210x200x129mm



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)							inputs			detail						
							compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay	light relay	alarm relay	Magnetventilrelais	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal	main switch
1	379296	TRW230-200.14	230V AC	PTC <sup>1</sup>	-55 to +99°C	2½	30A	16A	16A	16A	16A	16A	16A	x	x	x	x	x	x				x

<sup>1</sup> 2 x PTC probe included

## electronic thermometers Störktronik

dimensions 68x28mm

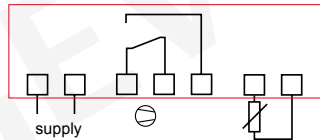


no.	part no.	type	supply	probe	measurement range	display(Digits)
1	379992	ST70-01.01	12- 24V AC	Pt100	-99 to +199°C	3

**electronic controllers Tecnologic**

**refrigeration controllers**

mounting dimensions 58x25,4mm



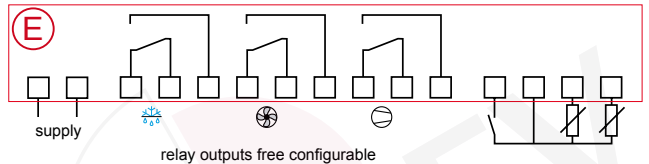
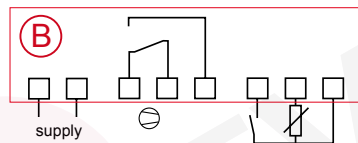
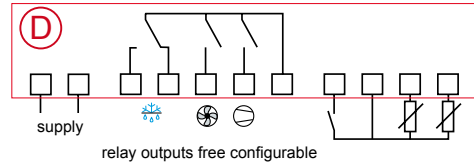
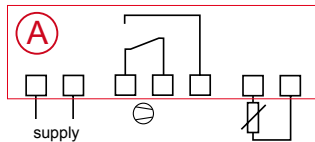
1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	outputs (AC1)	inputs	detail
1	379264	E51-DNS	230V AC	NTC	-50 to +50°C	2½	8A		temperature probe	HACCP time display buzzer internal

mounting dimensions 71x29mm



1



2

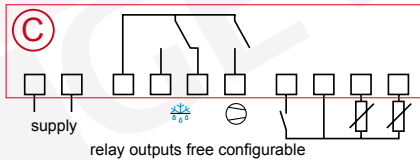


fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	outputs (AC1)	inputs	detail
1A	378232	TLE20-DSK	230V AC			2½	16A	compressor relay	temperature probe	
2B	379993*	TLZ11 FS	12V AC/DC			4	16A	defrost relay DEF (AC1) radiator fan relay FAN (AC1)	defrost temperature probe temperature probe 3	
2B	379207*	TLZ11 HS	100-240V AC			4	16A	auxiliary relay 1	digital input 1 digital input 2 digital input 3	
2B	379266	TLZ12 FS	12V AC/DC			4	16A	light relay		
2B	379265	TLZ12 HS	100-240V AC			4	16A	alarm relay 1		
2C	379209	TLY28 F	12V AC/DC	NTC	-50 to +109°C	4	16A	8A	x x x	
2C	379363	TLY28 H	100-240V AC	PTC	-50 to +150°C	4	16A	8A	x x x	
2D	379210	TLY29 F	12V AC/DC			4	16A 8A 8A		x x x	
2D	379329	TLY29 H	100-240V AC			4	16A 8A 8A		x x x	
2E	379991	TLY26 F	12V AC/DC			4	16A 8A 8A		x x x	

\* no defrost function

## universal controllers

mounting dimensions 71x29mm

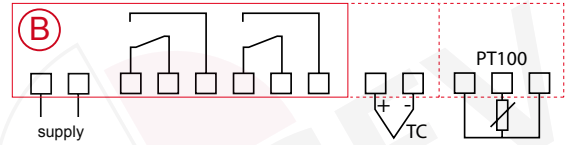
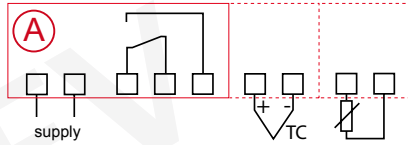


fig.	part no.	type	supply	probe	measurement range	outputs (AC1)		inputs		detail	
						display (Digits)	relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	time display
1A	379267*	TLK 38 FER	12V AC/DC	Tc (J, K, S)/mV/ PTC/NTC	depend on probe	4	8A		x		
1B	379223*	TLK 38 FERR	12V AC/DC			4	8A 8A		x		
1A	379486*	TLK 38 FCR	12V AC/DC	Tc (J, K, S)/mV/ PT100		4	8A		x		
1B	379224*	TLK 38 FCRR	12V AC/DC			4	8A 8A		x		

\* no defrost function

mounting dimensions 45x45mm

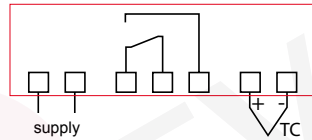


fig.	part no.	type	supply	probe	measurement range	outputs (AC1)		inputs		detail	
						display (Digits)	relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	time display
1	379989*	TCPDE M2UJR31F0	24-240V AC/DC	Tc J	0 to +200°C		8A		x		
1	379256*	TCPDE MBUJR31F0	24-240V AC/DC	Tc J	0 to +250°C		8A		x		
1	379990*	TCPDE M3UJR31F0	24-240V AC/DC	Tc J	0 to +350°C		8A		x		

\* no defrost function

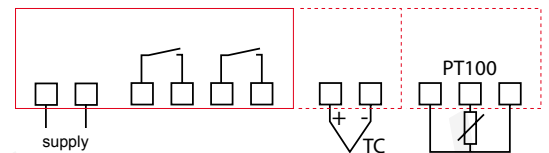
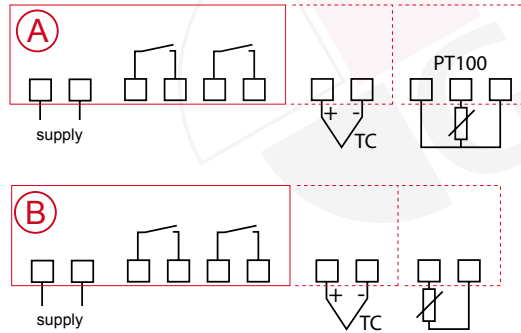


fig.	part no.	type	supply	probe	measurement range	outputs (AC1)		inputs		detail	
						display (Digits)	relay 1 (AC1)	temperature probe 1	HACCP	time display	buzzer internal
1	379988*	TLK48 HCR	100-240V AC	Pt100	depend on probe	4	8A		x		
2	379285*	TLK49 HCR	100-240V AC	Tc J,K,S		2x4	8A		x		

\* no defrost function

mounting dimensions 66,5x66,5mm

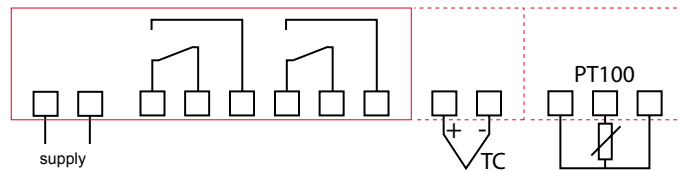


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs	temperature probe 1	detail
							relay 1 (AC1)	relay 2 (AC1)			HACCP time display buzzer internal
1A	379227*	TLK72 HERR	100-240V AC	Pt100 Tc J,K,S 0 to 60mV	depend on probe	4	8A	8A		x	
1B	379228*	TLK72 HCRR	100-240V AC	NTC/ PTC Tc J,K,S 0 to 60mV	depend on probe	4	8A	8A		x	

\* no defrost function

mounting dimensions 92x92mm

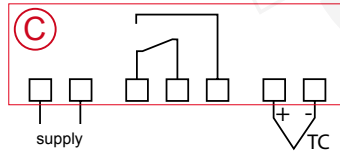
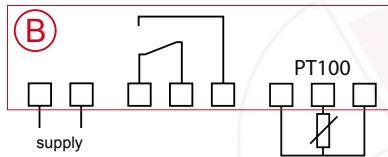
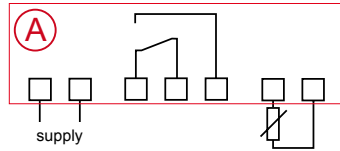


1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs	temperature probe 1	detail
							relay 1 (AC1)	relay 2 (AC1)			HACCP time display buzzer internal
1	379246*	TLK96 HERR S	100-240V AC	Pt100 Tc J,K,S 0 to 60mV	depend on probe	4	8A	8A		x	

\* no defrost function

mounting dimensions  $\varnothing 60\text{mm}$



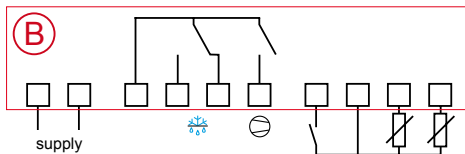
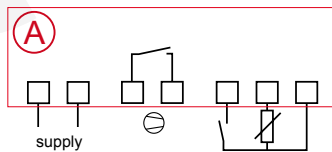
1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay 1 (AC1)	inputs temperature probe 1	detail HACCP time display buzzer internal
1A	379280*	TCF760 TDD	230V AC	PTC	-50 to +150°C	3	10A	x	
1B	379279*	TCF760 TED	230V AC	Pt100	-99 to +600°C	3	10A	x	
1C	379281*	TCF760 TCD	230V AC	Tc J	0 to +999°C	3	10A	x	

\* no defrost function

## refrigeration controllers

wall-mounting



1

fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) compressor relay defrost relay DEF (AC1) radiator fan relay FAN (AC1) auxiliary relay 1 light relay alarm relay 1	inputs temperature probe defrost temperature probe temperature probe 3 digital input 1 digital input 2 digital input 3	detail HACCP time display buzzer internal
1A	378233	W09Y HR B	100-240V AC	NTC	-50 to +109°C	16A		x	x
1B	378234	W09Y HRRRB	100-240V AC	PTC	-50 to +150°C	16A	8A 5A	x x x	x



**universal controllers**

Din-bar



1

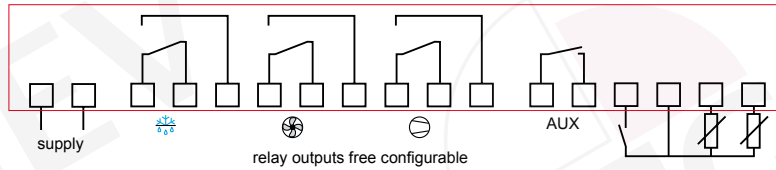


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail							
							compressor relay	defrost relay/DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	temperature probe	defrost/temperature probe	temperature probe 3	digital input 1	digital input 2	digital input 3	HACCP	time display	buzzer internal
1	379240	TLY35 HS	100-240V AC	NTC PTC	-50 to +109°C -50 to +150°C	4	16A	8A	8A	8A			x	x		x					



1

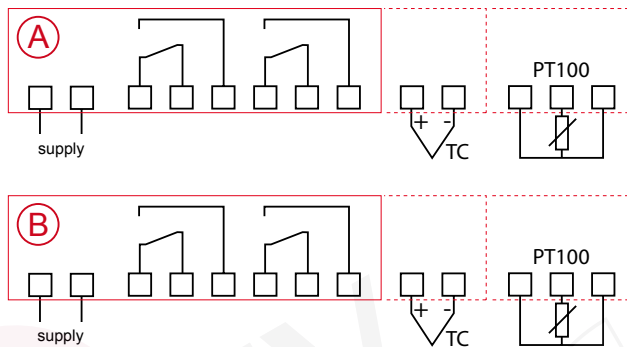


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)		inputs	detail		
							relay 1 (AC1)	relay 2 (AC1)	temperature probe 1	HACCP	time display	buzzer internal
1A	379291*	TLK35 HERR	100-240V AC	Pt100 Tc J,K,S 0 to 60mV	depend on probe	4	8A	8A	x			
1B	379290*	TLK35 HCRR	100-240V AC	NTC/ PTC Tc J,K,S 0 to 60mV	depend on probe	4	8A	8A	x			

\* no defrost function

**electronic thermometers TecnoLogic**

mounting dimensions 71x29mm



1

no.	part no.	type	supply	probe	measurement range	display(Digits)
1	379200	TLV10F	12V AC/DC	NTC PTC	-50 to +109°C -50 to +150°C	4
2	379201	TLV10H	230V AC	NTC PTC	-50 to +109°C -50 to +150°C	4
3	379203	TLV36FC	12V AC/DC	Pt100 Tc J,K,S 0 to 60mV	depend on probe	4
4	379631	TLV36FE	12V AC/DC	NTC/ PTC Tc J,K,S 0 to 60mV	depend on probe	4

## electronic controllers Tempomatic

mounting dimensions 66,5x49,5mm

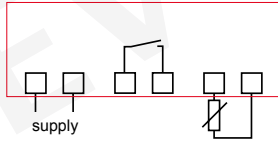


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1)				inputs			detail			
							relay 1	relay 2	relay 3	relay 4	temperature probe 1	temperature probe 2	temperature probe 3	digital input 2	digital input 3	HACCP	time display
1	379261	K400-3-300	230V AC	NTC(47kOhm)	-40 to +300°C	3	16A					x					

## electronic thermometers Tempomatic

mounting dimensions 66,5x49,5mm



no.	part no.	type	supply	probe	measurement range	display(Digits)
1	379262*	K-400-4	230V AC	NTC(47kOhm)	-40 to +300°C	3

\* 1 x NTC probe included

**transformers/power supplies**



1



2



3



4

fig.	part no.	power	input	output
1	379054	3VA	230V AC	12V AC
2	379195	5VA	230V AC	12V AC
2	401174	6VA	230V AC	12V AC
3	379196	10VA	230V AC	12V AC

fig.	part no.	power	input	output
3	400583	10VA	230V AC	24V AC
4	400096	15VA	230V AC	12V AC
4	400126	20VA	230V AC	12V AC



1



2



3

fig.	part no.	power	input	output
1	379159	24VA	115-230V AC	24V DC
2	378114	18W	230V AC	12V DC

fig.	part no.	power	input	output
3	378077	5VA	14-30V AC	12V DC

**connection cable for two-part controller**



1



2



3

fig.	part no.	power	input	output
1	379270	8	0.3m	AKO Universal
1	379243	8	1.0m	AKO Universal
1	379244	8	2.0m	AKO Universal
2	379175	10	0.5m	Eliwell Universal
2	379534	10	1.0m	Eliwell Universal
2	379245	10	2.0m	Eliwell Universal

fig.	part no.	power	input	output
3	379177	3	0.5m	Eliwell (IWK) Universal
3	379191	3	2.0m	Eliwell (IWK) Universal
3	379190	3	4.0m	Eliwell (IWK) Universal

## data loggers accessories

thermal paper



fig.	part no.	suitable for	fig.	part no.	suitable for
1	379189	AKO data loggers	2	379277	AKO data loggers

## converters/transmitters



fig.	part no.	supply	input	output	measurement range	fig.	part no.	supply	input	output	suitable for
1	379287	6-32V DC	Pt100	4-20mA	-50° to +350°C	3	379349	230V AC	AKO-Control	RS-485	AKO
2	378078	6-32V DC	Pt100	4-20mA	-50° to +350°C	4	401623	—	RS-485	USB	AKO Universal

## miscellaneous



fig.	part no.	description	suitable for	fig.	part no.	description	suitable for
1	401621	AKO-software AKOSYS	AKO	2	401632	alarm module GSM with 4 inputs	AKO Universal

## miscellaneous accessories

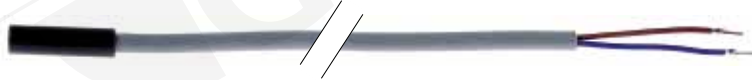
supervisory relay



no.	part no.	description	suitable for
1	380816	3 phasesupervisor relay	Universal

**probes****universal probes**

no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379160	NTC 10kOhm	thermoplastic	-40 to +110°C	1.5 m	6x14mm
2	379169	NTC 10kOhm	thermoplastic	-40 to +110°C	2.0 m	6x14mm
3	379630	NTC 10kOhm	thermoplastic	-40 to +110°C	2.5 m	6x14mm
4	379161	NTC 10kOhm	thermoplastic	-40 to +110°C	3.0 m	6x14mm
5	379162	NTC 10kOhm	thermoplastic	-40 to +110°C	6.0 m	6x14mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379342	NTC 10kOhm	PVC	-20 to +80°C	1.5 m	6x23mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379860	NTC 10kOhm	PVC	-20 to +80°C	1.5 m	6x50mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379458	NTC 10kOhm	silicone	-40 to +110°C	1.5 m	6x30mm
2	379343	NTC 10kOhm	silicone	-40 to +110°C	3.0 m	6x30mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379557	NTC 10kOhm	silicone	-40 to +110°C	1.5 m	6x35mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379473	NTC 10kOhm	silicone	-40 to +110°C	2.5 m	6x40mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379784	NTC 2kOhm	PVC	-20 to +80°C	2.0 m	6x35mm
2	379780	NTC 10kOhm	PVC	-20 to +80°C	2.0 m	6x35mm

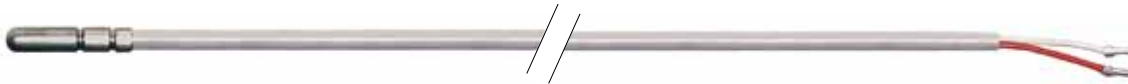


no.	part no.	type	material	temperature	cable length	probe (øxL)
1	378194	NTC 10kOhm	PVC	-20 to +80°C	1.5 m	7x24.5mm
2	379057	NTC 10kOhm	PVC	-20 to +80°C	3.0 m	7x24.5mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379142	PTC 1kOhm	PVC	-20 to +80°C	1.5 m	6x30mm
2	379053	PTC 1kOhm	PVC	-20 to +80°C	3.0 m	6x30mm
3	379199	PTC 1kOhm	PVC	-20 to +80°C	5.0 m	6x30mm





no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379052	PTC 1kOhm	silicone	-40 to +150°C	1.5 m	6x40mm
2	378067	PTC 1kOhm	silicone	-40 to +150°C	2.0 m	6x40mm
3	379064	PTC 1kOhm	silicone	-40 to +150°C	3.0 m	6x40mm
4	378068	PTC 1kOhm	silicone	-40 to +150°C	7.0 m	6x40mm
5	378069	PTC 1kOhm	silicone	-40 to +150°C	15.0 m	6x40mm
6	378070	PTC 1kOhm	silicone	-40 to +150°C	30.0 m	6x40mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379781	PTC 1kOhm	thermoplastic	-50 to +120°C	1.5 m	6x15mm
2	379782	PTC 1kOhm	thermoplastic	-50 to +120°C	3.0 m	6x15mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379783	PTC 1kOhm	PVC	-20 to +80°C	2.0 m	6x35mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	378074	J (FeCu-Ni)	Vetrotex	-50 to +500°C	3.0m	3x100mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379062	J (FeCu-Ni)	Vetrotex	-50 to +500°C	3.0m	4x50mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	378075	J (FeCu-Ni)	Vetrotex	-50 to +500°C	3.0m	4.5x150mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379063	J (FeCu-Ni)	Vetrotex	-50 to +500°C	1.9	6x50mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379693	J (FeCu-Ni)	Vetrotex	-50 to +350°C	1.5m	6x100mm
2	379051	J (FeCu-Ni)	Vetrotex	-50 to +350°C	3.0m	6x100mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379433	K(NiCr-Ni)	silicone	-200 to +1150°C	2.5m	1.5x100mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379434	K(NiCr-Ni)	silicone	-200 to +1150°C	2.5m	3x100mm





no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379439	Pt100	2-wire	silicone	-50 bis +180°C	2.5m	6x50mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379283	Pt100	3-wire	silicone	-50 to +200°C	2.0 m	6x60mm
2	378071	Pt100	3-wire	silicone	-50 to +200°C	10.0 m	6x60mm
3	379785	Pt100	2-wire	silicone	-50 to +200°C	1.5 m	6x100mm
4	379786	Pt100	2-wire	silicone	-50 to +200°C	3.0 m	6x100mm
5	379058	Pt100	3-wire	silicone	-50 to +200°C	3.0 m	6x100mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	378073	Pt100	3-wire	teflon	-70 to +200°C	2.0 m	6x100mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379293	Pt100	3-wire	Vetrotex	-100 to +450°C	2.0m	4x50mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379130	Pt100	3-wire	Vetrotex	-50 to +350°C	1.5 m	6x85mm
2	379131	Pt100	3-wire	Vetrotex	-50 to +350°C	3.0 m	6x85mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379787	Pt100	2-wire	Vetrotex	-50 to +350°C	1.5 m	6x100mm
2	379294	Pt100	2-wire	Vetrotex	-50 to +350°C	3.0 m	6x100mm
3	379284	Pt100	3-wire	Vetrotex	-50 to +350°C	1.5 m	6x100mm
4	379050	Pt100	3-wire	Vetrotex	-50 to +350°C	3.0 m	6x100mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379437	Pt100	2-wire	silicone	-200 to +600°C	2.5m	1.9/1.5x300mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379437	Pt100	2-wire	silicone	-50 to +600°C	2.5m	3x100mm



no.	part no.	type	material	temperature	cable length	probe (øxL)
1	379438	Pt100	silicone	-50 to +600°C	2.5m	3x100mm



no.	part no.	type	connection	material	temperature	cable length	probe (øxL)
1	379292	Pt100	2-wire	Vetrotex	-100 to +600°C	2.0m	1/4"-6x40mm

## special probes



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379393	Pt100	Vetrotex	2	1/4"-6x15mm	Ambach	5024109875



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379394	Pt100	silicone	1.5m	ø8mm	Ambach	5024117582



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379111	J (FeCu-Ni)	Vetrotex	0.6m	M20x1	Ambach	5024107685



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379651	NTC 25kOhm	—	0.3m	3/8"	Angelo Po	32Z3150



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379931	Pt100	Vetrotex	0.8m	M10x1	Angelo Po	32Z6780



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379652	Pt100	fibreglass	1.4m	1/4"-6x40mm	Angelo Po	32Z3310



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379932	Pt100	silicone	1.5m	M10x1	Angelo Po	32Z6041



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379331	Pt1000	—	0.7m	M10x1	Angelo Po	32V5750



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400606	NTC 4.8kOhm	—	Faston 2.8mm	10x30mm	Animo	02219



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379551	NTC 2.2kOhm	PVC	3.0 m	6x17mm	Aristarco	4122 4213 4214



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379556	NTC 10kOhm	silicone	0.1m	1/8"	Astoria Wega	20306 WY20306



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379937	K (NiCr-Ni)	teflon	2.4m	4x120mm	Baron Olis	3103282 3103282



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379952	T-Cu-CuNi	silicone	1.0m	3x200	Bertos Foinox	25076800 3569



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402154	Pt100	silicone	1.5m	1/8"	Bertos Foinox	10411



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400803	J (FeCu-Ni)	fibreglass	2.4m	M8/5x20mm	Bourgeois	REGU104



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379099	J (FeCu-Ni)	Vetrotex	1.4m	ø4.5mm	Ambach	5024107164



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379904	NTC 100kOhm	—	2.1m	7x25mm	Comenda Hoonved	120952 33174



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378006	NTC 40kOhm	teflon	0.25m	ø4mm	Comenda Hoonved	120960 35567



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379903	PTC 1kOhm	silicone	2.3m	6x60mm	Comenda	120913



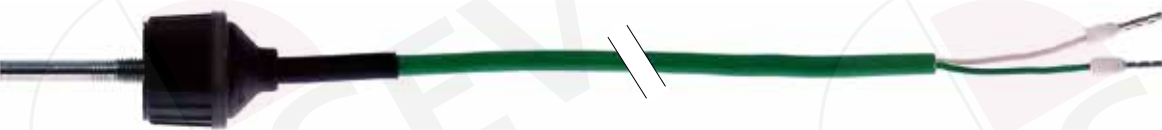
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400024	NTC 100kOhm	—	0.1m	M10	Convothem	5009050



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379414	K (NiCr-Ni)	teflon	4.0m	1.5x60mm	Convothem	5002064



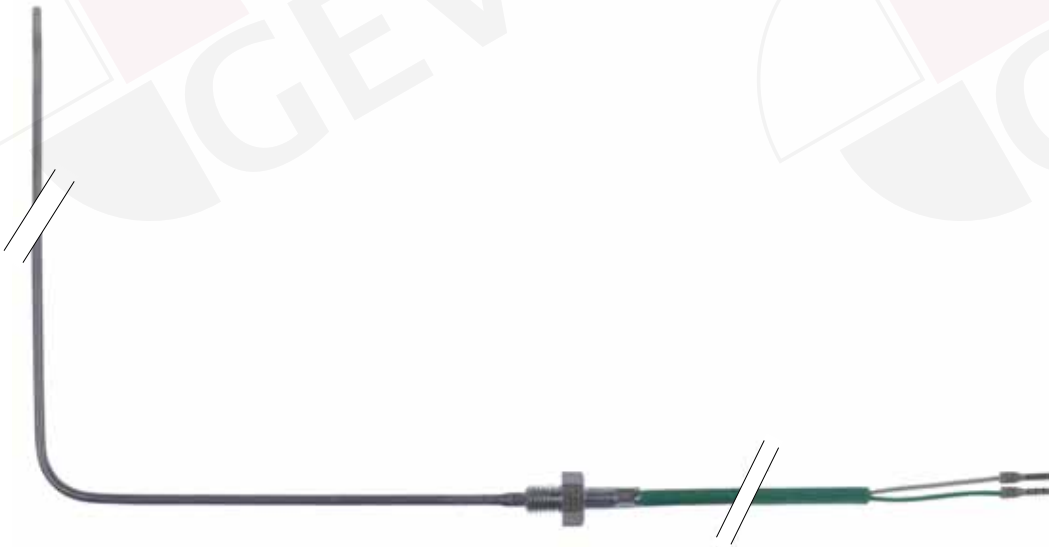
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379536	K (NiCr-Ni)	silicone	2.0m	1.5x230mm	Convothem	5016003



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379413	K (NiCr-Ni)	silicone	1.5m	M5-4x22mm	Convothem	5002101
2	375412	K (NiCr-Ni)	silicone	2.0m	M5-4x22mm	Convothem	5016014K
3	379800	K (NiCr-Ni)	silicone	3.0m	M5-4x22mm	Convothem Convothem	5002100 5002100K



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379440	K (NiCr-Ni)	silicone	1.6m	1.5x36mm	Convotherm	5002103
2	379751	K (NiCr-Ni)	silicone	2.8m	1.5x36mm	Convotherm	5002104



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402164	K (NiCr-Ni)	silicone	2.1m	M8-3x130/230mm	Convotherm Convotherm	5002102 5002102K



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379410	K (NiCr-Ni)	silicone	1.5m	M10-3x125mm	Convotherm	5001015



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379420	K (NiCr-Ni)	silicone	0.7m	M10-3x68mm	Convotherm	5001016



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379409	Pt100	polyurethane	0.7m	M10-3x65mm	Convotherm	5001035



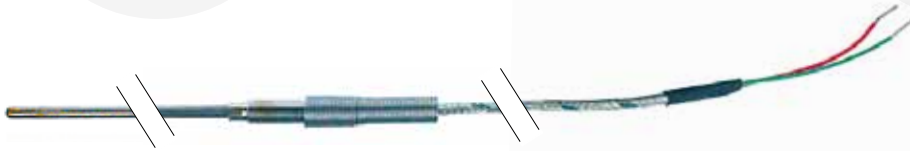
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1	379104	Pt100	silicone	3.0m	M10/4.5x20mm	Convotherm	5009052



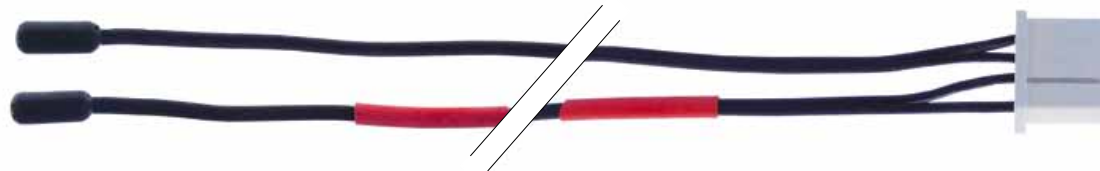
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379105	Pt100	silicone	2.4m	M14x1.5/3x335mm	Convotherm	5001023



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379432	Pt100	teflon	1.1m	4x60mm	Coven	EMSONTERTE



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379598	K (NiCr-Ni)	Vetrotex	1.5m	3x200mm	Cuppone Cuppone	91310215 ME0000401



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378248	10kOhm	—	2.0m	6x14mm	Dihl Chromo	50562 50562



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379918	NTC 200kOhm	teflon	1.0m	4x42mm	Electrolux	006609



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402200	NTC 10kOhm	—	2.0m	6x20mm	Electrolux	092174
2	402201	NTC 10kOhm	—	3.0m	6x20mm	Electrolux	092175
3	379633	NTC 10kOhm	—	4.0m	6x20mm	Electrolux Electrolux	087832 092176



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402199	NTC 10kOhm	—	1.5m	6x20mm	Electrolux	092184
2	402155	NTC 10kOhm	—	2.0m	6x20mm	Electrolux	092177



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379147	NTC 10kOhm	—	Faston 6.3mm	M10x1	Electrolux Juno	214977
2	378012	PTC 2kOhm	—	Faston 6.3mm	M10x1	Electrolux Juno	0H9843 293567





no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379146	J (FeCu-Ni)	Vetrotex	2.0m	1/2"/ 6x5mm	Electrolux Juno	0H6247 215729



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379038	K (NiCr-Ni)	Vetrotex	2.0m	M8	Electrolux Juno	



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379145	K (NiCr-Ni)	Vetrotex	2.0m	3x100mm	Electrolux Juno	0H6269 215814



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379148	K (NiCr-Ni)	Vetrotex	1.6m	M8	Electrolux Juno	0H6267 215807



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379090	Pt100	teflon	1.9m	3x100mm	Electrolux Juno	0H6491 236137



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379049	Pt100	teflon	2.0m	1/4"/5x100mm	Electrolux Juno	0H6482 236012



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379144	Pt100	silicone	1.9m	3x40mm	Electrolux Juno	0H6481 236011



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400067	Pt100	—	Faston 6.3mm	M10x1	Electrolux Juno Juno	0H6477 212678 236003



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379092	K (NiCr-Ni)	silicone	2.6m	4x20mm	Electrolux Therma	0K5058 18025415



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379427	K (NiCr-Ni)	fibreglass teflon coated	2.6m	4x20mm	Electrolux Therma	0K5058 18025415



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379098	K (NiCr-Ni)	fibreglass	2.1m	M6/M10	Electrolux Therma	0K5623 19011203



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379902	NTC 4.8kOhm	—	Faston 6.3mm	10x30mm	Electrolux Zanussi	049643 049643



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402197*	NTC 10KOhm	PVC	2.0m	9x30mm	Electrolux Zanussi	087654 087654
2	402198*	NTC 10KOhm	PVC	3.0m	9x30mm	Electrolux Zanussi	088405 088405

\* fig. replaced

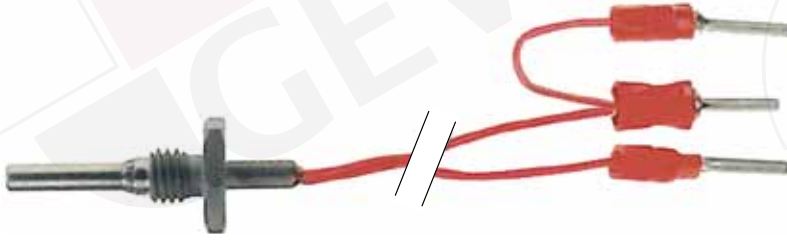


no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402196	NTC 10KOhm	PVC	1.5m	9x30mm	Electrolux Zanussi	087699 087699
2	402194*	NTC 10KOhm	PVC	2.0m	9x30mm	Electrolux Zanussi	087692 087692

\* fig. replaced



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379107	Pt100	Kapton	1.4m	5x50mm	Electrolux Zanussi	058669 058669



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379921	Pt100	teflon	1.5m	M8-4x20mm	Electrolux Zanussi	058953 058953



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379924	Pt100	teflon	1.5m	M8	Electrolux Zanussi	058953 058953



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379100	Pt1000	silicone	1.8m	4x70mm	Electrolux Juno Zanussi	002615 215727 002615



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379404	Pt1000	fibreglass	1.6m	4x60mm	Electrolux	0K8490

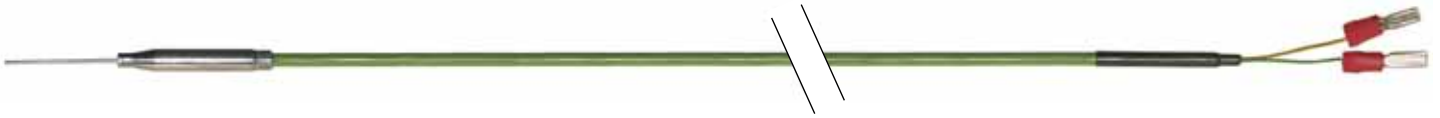


no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400910*	NTC 10KOhm	silicone	0.35m	4.5x30mm	Elettrobar	231014

\* qty 2 pcs



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379101	NTC 10KOhm	PVC	0.35m	4.5x30mm	Elettrobar	231014



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379086	K (NiCr-Ni)	silicone	1.2m	1x30mm	Eloma Eloma	E0433 361003
2	379087	K (NiCr-Ni)	silicone	1.65m	1x30mm	Eloma Eloma Eloma	E0436 361004 570621



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379088	Pt100	silicone	1.1m	3.2x28mm	Eloma	E0431



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400082	NTC 10kOhm	—	Faston 6.3mm	10x30mm	Faema	3761-117825



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400083	—	—	0.12m	1/2"-10x22mm	Faema	3761-132007



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379550	NTC 10kOhm	silicone	0.35m	6x30mm	Fagor	Z233007



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379554	PTC 100Ohm	silicone	0.05m	ø13x4mm	Fagor	R073008000



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400874	J (FeCu-Ni)	teflon	1.5m	3x70mm	Fagor	R663090
2	400873	J (FeCu-Ni)	teflon	2.5m	3x70mm	Fagor	R663089



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379525	K (NiCr-Ni)	teflon	1.0m	3x70mm	Fagor	T323011
2	379528	K (NiCr-Ni)	teflon	1.6m	3x70mm	Fagor	T323024



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379930	K (NiCr-Ni)	Vetrotex	3.2m	3x103mm	Fornitalia	65/65Z25



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378035	NTC 10kOhm	thermoplastic	1.5 m	6x14mm	Friulinox Friulinox	995789 995792



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400773	Pt100	teflon	0.5m	M10	Gastrofit	306025.030



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400261	Pt100	Vetrotex	1.0m	6x80mm	Gico Gico	62771000 A00317



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378009	K (NiCr-Ni)	teflon	1.0m	3x200mm	Gierre	TER137



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379462	J (FeCu-Ni)	Vetrotex	0.7m	6x200mm	Giorik	6000106



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379906	PTC 2kOhm	silicone	3.5m	5x30mm	Hobart Hobart	229512-2 378584



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379907	Pt1000	silicone	1.5m	6x50mm	Hobart	298543-2



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401804	NTC 2KOhm	PVC	1.2m	8x84mm	Icematic Scotsman	33701015/0 -



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402139	NTC 2.2kOhm	PVC	1.0m	5x60mm	Icematic Scotsman	33580101 CM33580101



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402133	NTC 10kOhm	PVC	1.5m	6x60mm	Icematic Scotsman	- H-1262047501



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402134	NTC 10kOhm	PVC	1.2m	5x40mm	Icematic Scotsman	- H-1262047500



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379628	NTC 10kOhm NTC 10kOhm	PVC	PVC 0.4m 0.55m	6.5x45mm 6.5x45mm	Icematic Scotsman	- 00341021 200341001
2	402138	NTC 10kOhm NTC 10kOhm	PVC	PVC 0.6m 0.6m	6.5x45mm 6.5x45mm	Icematic Scotsman Scotsman	- 11054501 11054520
3	379564	NTC 10kOhm NTC 10kOhm	PVC	PVC 0.7m 1.3m	6.5x45mm 6.5x45mm	Icematic Scotsman	25702401 CM25702401



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402008	PTC 2kOhm	PVC	1.2m	6x50mm	Icematic Scotsman	- 62040402





no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402005	PTC 2kOhm	PVC	1.5m	5x60mm	Icematic Scotsman	62040405



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402006	PTC 2kOhm	PVC	1.5m	5x60mm	Icematic Scotsman	62040406



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402007	PTC 2kOhm	PVC	1.8m	5x60mm	Icematic Scotsman	62040401



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378231	PTC 2kOhm	PVC	1.9m	5x60mm	Icematic Scotsman	33580066/1 CM33580066



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	402191	PTC 2kOhm	thermoplastic	1.8m	5x20mm	Icematic Scotsman	62040411



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378047	NTC 100kOhm	thermoplastic	0.9m	5x20mm	Inoxtrend Whirlpool	C8248-00 483286002455



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379596	Pt100	teflon	0.6m	4x60mm	Inoxtrend	RRC2471-00



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379801	—	—	—	8x140mm	Italforni	59500001



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401892	NTC 10kOhm	thermoplastic	1.5 m	6x14mm	Kastel	K01473



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401891	NTC 10kOhm	thermoplastic	2.0 m	6x14mm	Kastel	K01472



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379110	w	Vetrotex	1.5m	4x150/50	Küppersbusch	174470



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379594	L (FeCu-Ni)	Vetrotex	1.9m	M10X1/4x13mm	Küppersbusch	174420



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379912	Pt100	teflon	1.1m	6x440mm	Küppersbusch	995935002



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379913	Pt100	—	0.5m	4.5x13mm	Küppersbusch	995935002



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379911	Pt100	—	0.5m	4.5x13mm	Küppersbusch	161615



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379168	Pt100	teflon	2.0m	M5x30mm	Küppersbusch	161608



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379999	Pt1000	—	0.1m	M5x30mm	Küppersbusch	161633



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379143	Pt100	Vetrotex	5.0m	3/6x90mm	Lainox Lainox Lainox	R50305111 R65325000 R65325020



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378040	NTC 10kOhm	thermoplastic	1.5m	6x14mm	Linea Blanca	A039062



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400714	NTC 100kOhm	PVC	3.0m	7x25mm	Mach	A039062



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379388	J (FeCu-Ni)	Kapton	0.7m	4x250mm	Mareno	CM295900



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379387	Pt100	teflon	0.85m	4x350mm	Mareno	1957600



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379389	Pt100	teflon	1.9m	4x30/3x160mm	Mareno	1567015



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379151	NTC 10kOhm	PVC	2.0m	4x30mm	Meiko	180681



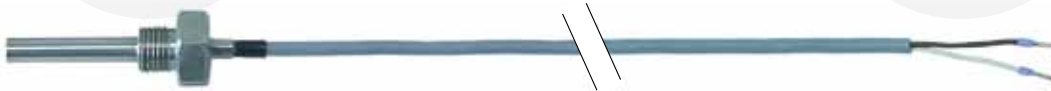
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1	379152	PTC 1kOhm	PVC	2.2m	1/4"	Meiko	0180682



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379153	PTC 1kOhm	silicone	2.2m	6x35mm	Meiko	9500236



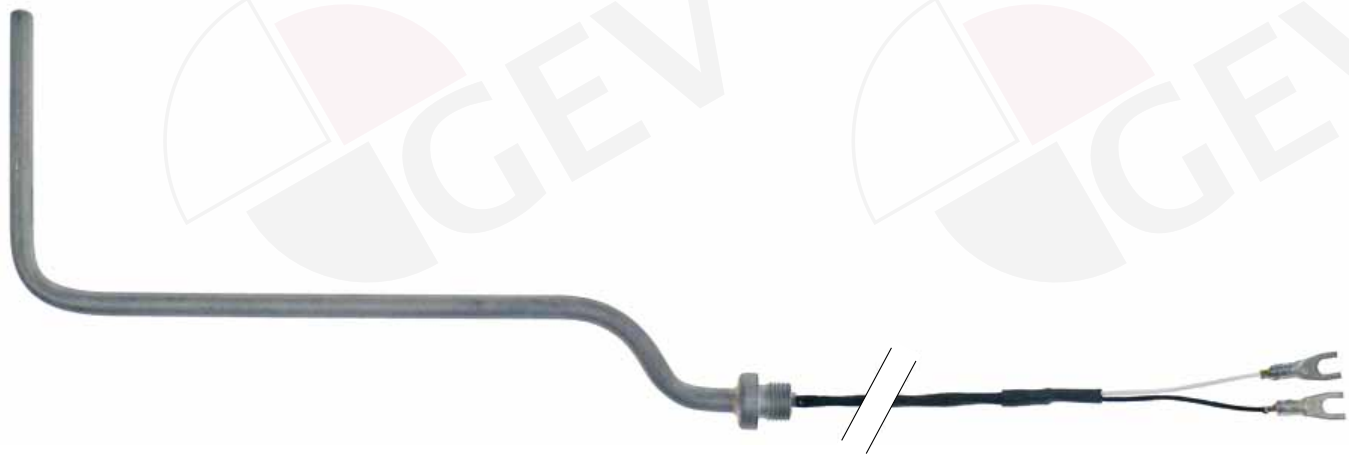
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379154	PTC 1kOhm	PVC	1.5m	4.5x5mm	Meiko	0180684



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379152	K (NiCr-Ni)	silicone	2.2m	1/4"/7x35mm	Meiko	0180682



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379150	K (NiCr-Ni)	silicone	1.7m	4x50mm	Meiko	0180680



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379997	J (FeCu-Ni)	teflon	1.4m	M10x1	MKN	203602



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378120	K (NiCr-Ni)	teflon	1.6m	M8x1/1.5x18mm	MKN	203991
2	378121	K (NiCr-Ni)	teflon	3.2m	M8x1/1.5x18mm	MKN	203689



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378122	K (NiCr-Ni)	silicone	1.5m	M10x1/3.5x13mm	MKN	203693
2	378123	K (NiCr-Ni)	silicone	2.3m	M10x1/3.5x13mm	MKN	203990



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379973	—	—	—	10x100mm	Moretti	66080820



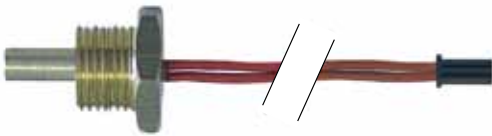
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379975	—	—	—	10x100mm	Moretti	66081910
2	379974	—	—	—	10x150mm	Moretti	66080980
3	379972	—	—	—	10x255mm	Moretti	66081040



no.	part no.	type	material	connection	probe (øxL)	suitable for	equiv. no.
1	402078	NTC 10kOhm	—	Faston 6.3mm	1/4"	N&W	094872



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379451	K (NiCr-Ni)	silicone	1.5m	2x250mm	OEM	ED06500
2	379454	K (NiCr-Ni)	silicone	2.5m	2x250mm	OEM	ED06600



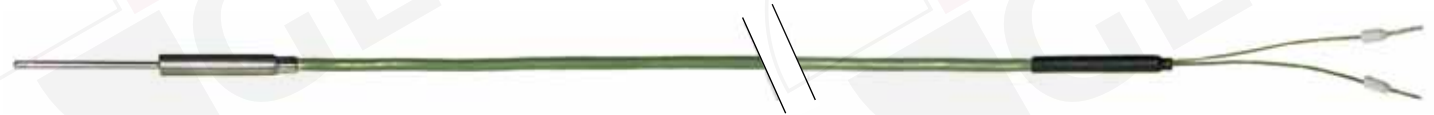
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400416	PTC 2kOhm	silicone	0.7m	3/8"	Rancilio	34070174



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379078	K (NiCr-Ni)	silicone	1.85m	1.5x2mm	Rational	3014.0165
						Rational	3014.1011
						Rational	3014.1012
						Rational	3014.1013
						Rational	3014.1014
						Rational	40.00.291
						Rational	40.01.094



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379873	K (NiCr--Ni)	silicone	1.65m	1,5x180mm	Rational	40.00.292
2	379430	K (NiCr--Ni)	silicone	1.65m	1,5x140mm	Rational	40.01.095



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379077	K (NiCr-Ni)	silicone	2.6m	2x40mm	Rational Rational Rational Rational Rational Rational	8720.1002 3014.0161 3014.1006 3014.1007 3014.1008 3014.1009 3014.1010 3014.1016



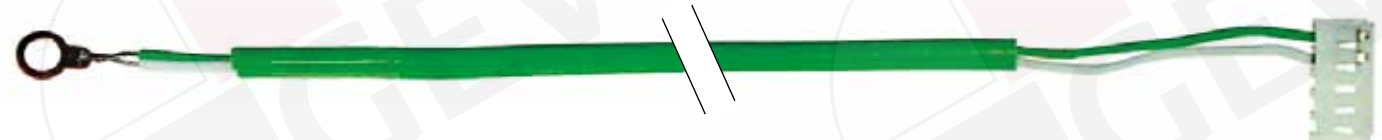
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379121	K (NiCr-Ni)	silicone	0.25m	2x100mm	Rational	3014.1000
2	379076	K (NiCr-Ni)	silicone	2.0m	2x100mm	Rational Rational	8720.1003 3014.0160
3	379124	K (NiCr-Ni)	silicone	2.2m	2x100mm	Rational Rational Rational Rational	3014.1001 3014.1002 3014.1003 3014.1004 3014.1005



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379425	K (NiCr-Ni)	silicone	2.0m	3x280mm	Rational	3014.0157



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379429	K (NiCr-Ni)	silicone	1.7m	ø10.5mm	Rational	3014.1020



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379870	K (NiCr-Ni)	silicone	1.75m	ø4.2mm	Rational Rational	40.00.399 40.00.290

Electronic controllers





no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379869	K (NiCr-Ni)	silicone	2.5m	2x70mm	Rational Rational Rational	40.00.287 40.00.398 87.00.058



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379070	Pt100	silicone	1.75m	4x90mm	Rational	3014.0150 3014.0152



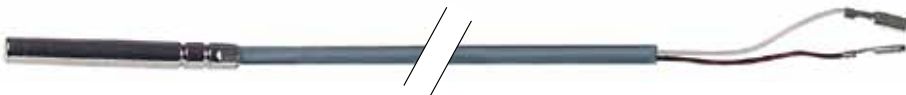
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379075	Pt100	silicone	1.5m	M6/4x100	Rational	3014.0151



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379125	Pt100	silicone	2.6m	3.2x100	Rational	3014.0156



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401656	NTC 47kOhm	teflon	0.2 m	1/8"	Reneka	9209004



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379472	PTC 1kOhm	PVC	4.0 m	6x50mm	Rieber	33064504



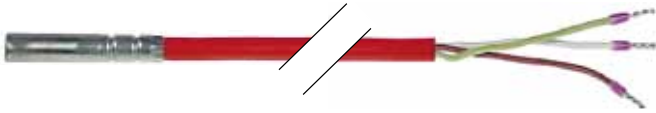
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379880	NTC 900kOhm	silicone	0.4m	6x80/170mm	Salvis	178881
2	379879	NTC 900kOhm	silicone	0.65m	6x80/170mm	Salvis	178611



no.	part no.	type	material	probe (øxL)	suitable for	equiv. no.
1	379882	K (NiCr-Ni)	fibreglass	4x20mm	Salvis Franke	1G943000 1G943000



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379521	—	—	0.22m	3.5x9mm	Sharp	FH-HZA070WRE0



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379405	Pt100	silicone	2.0	6x32	Scholl	70.30.03



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378129	K (NiCr-Ni)	Vetrotex	2.1m	M8/3x5mm	Silko	100167



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378031	PTC 1kOhm	—	0.95m	6x100	Smeg Smeg	697870109 697870047



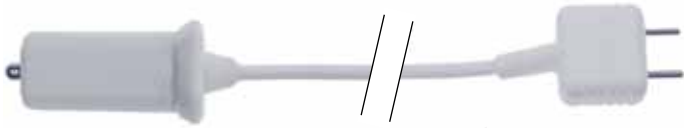
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378032	PTC 1kOhm	—	0.95m	6x100	Smeg	697870037



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	378011	Pt100	silicone	2.0m	3x150mm	Sogeco Sogeco	03-SNC-1H SONDA021



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379149	NTC 47kOhm	fibreglass	1.45m	6x35mm	Tempomatic	300FN



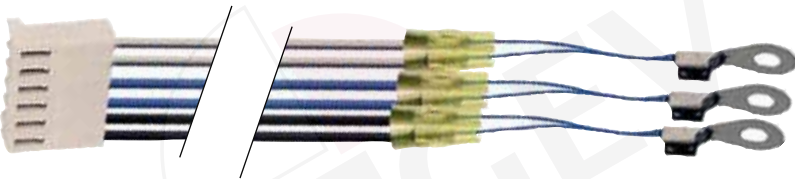
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401626	NTC 10kOhm	silicone	0.1m	0ø22mm	Thermoplan	95.60.00
2	401627	NTC 10kOhm	silicone	0.24m	0ø22mm	Thermoplan	99.60.00



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379002	NTC 10kOhm	silicone	0.3m	ø3mm	Thermoplan	92.16.23



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401344	NTC 10kOhm NTC 10kOhm	silicone silicone	0.6m 0.8m	ø3mm ø3mm	Thermoplan	95.16.23



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	401478	NTC 10kOhm NTC 10kOhm NTC 10kOhm	silicone silicone silicone	0.6m 0.8m 0.8m	ø3mm ø3mm ø3mm	Thermoplan	99.16.23



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379894	K (NiCr-Ni)	Kapton	1.0m	1.5x155mm	TurboChef	102065



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379896	K (NiCr-Ni)	Kapton	0.1m	2.5x10mm	TurboChef	700-1199



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379643	Pt100	—	0.3m	5x150mm	TurboChef	HHC-6517



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379642	Pt100	—	0.3m	5x50mm	turbo Chef	HHC-6517-2



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	400661	NTC 12kOhm	PVC	1.1m	ø7mm	Winterhalter Winterhalter Winterhalter	3125043 3125044 80003803
2	400666	NTC 12kOhm	PVC	1.7m	ø7mm	Winterhalter Winterhalter	3125051 80003804



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379066	—	—	—	M3	Wiesheu	34897



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379040	K (NiCr-Ni)	silicone	0.3m	2x82mm	Wiesheu	36096
2	379067	K (NiCr-Ni)	silicone	1.0m	2x82mm	Wiesheu	36287



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379047	Pt500	teflon	1.0m	1/4"/6x73mm	Wiesheu	33904



no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379083	Pt500	teflon	1.0m	1/2"/6x120mm	Wiesheu	34988



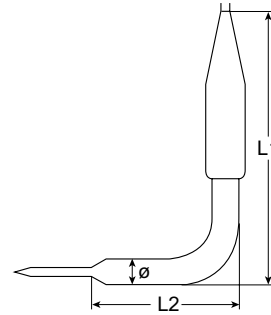
no.	part no.	type	material	cable length	probe (øxL)	suitable for	equiv. no.
1	379944	Pt1000	Vetrotex	1.7m	6x180mm	Zanolli Zanolli Zanolli	TERM0019 TERM0022 TERM0049

**core temperature probes**

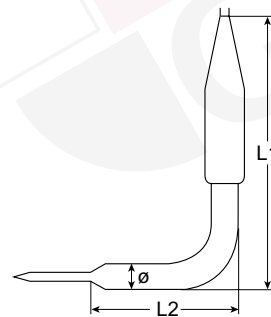
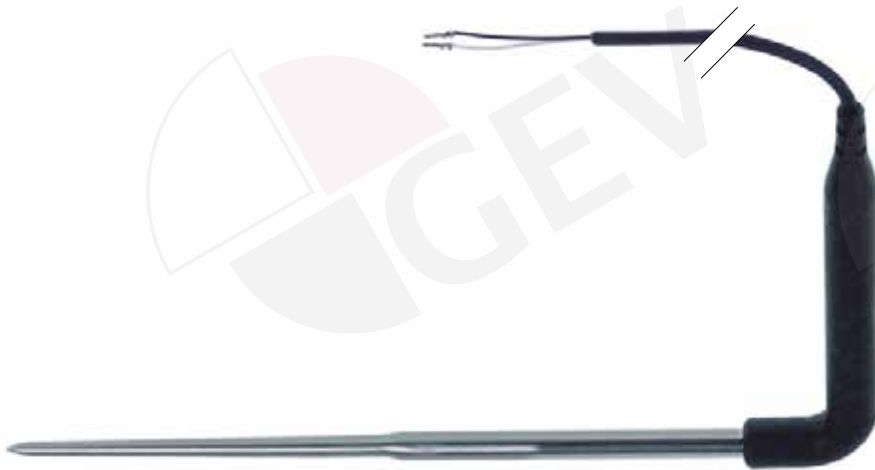
universal probes



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)
1	378066	NTC 10kOhm	silicone	-50 to +100°C	—	—	1.5m	9x80mm	4-6x100mm
2	379640	PTC 1kOhm	silicone	-50 to +100°C	—	—	2.4m	9x80mm	4-6x100mm



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)
1	379687	PTC 1kOhm	silicone	-40 to +120°C	—	—	2.2m	8x100/130mm	4/6x100mm



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)
1	379549	PTC 1kOhm	thermoplastic	-40 to +100°C	—	—	3.5m	8x120/130mm	4/6x100mm



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)
1	379529	J (FeCu-Ni)	teflon	-40 to +250°C	—	—	2.0m	10x60mm	3.4x120mm
2	379553	K (NiCr-Ni)	teflon	-40 to +250°C	—	—	2.0m	10x60mm	3.4x120mm



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)
1	379122	K (NiCr-Ni)	teflon	-40 to +250°C	M12	—	1.9m	10x100mm	3.2x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379436	Pt100	silicone	-50° to +200°C	---	---	4m	10x130mm	4x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379435	Pt100	teflon	-50° to +200°C	---	---	4m	20x105mm	4x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379344	Pt100	silicone	-40 to +120°C	—	—	5.0m	15x85mm	4x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379103	Pt100	teflon	-40 to +250°C	—	—	4.0m	15x85mm	4x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379116	Pt100	teflon	-40 to +250°C	1/4"	—	3.1	12x90mm	4x82mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379112	Pt100	teflon	-40 to +250°C	M12	—	2.85m	10x80mm	3.2x100mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379109	Pt100	teflon	-40 to +250°C	—	—	2.5m	9x60mm	4x100mm



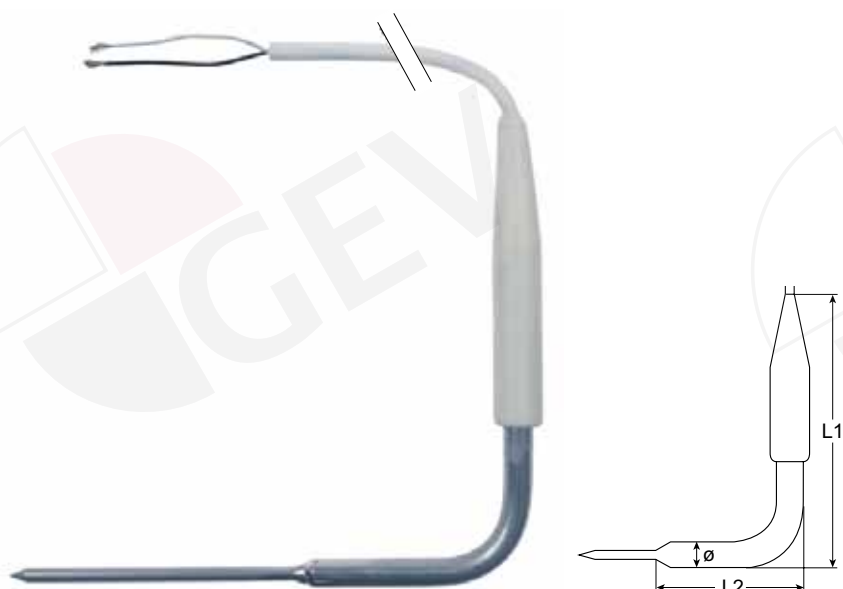
no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)
1	379639	Pt100	teflon	-40 to +250°C	—	—	1.3m	15x95mm	6x160mm



no.	part no.	type	material	temperature	Screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)
1	379985	Pt500	teflon	-40 to +250°C	—	—	3.0m	15x85mm	4x100mm



**special probes**



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	378186	PTC 1kOhm	silicone	-40 to +120°C	—	—	3.8m	10x150/70mm	5x100mm	Angelo Po Angelo Po Angelo Po	32V0010 32V0441 32V8600



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379890	Pt100	SS-hose	-40 to +250°C	M16x1.5mm	0.8m	1.6m	8.5x100mm	4x100mm	Angelo Po	32Z6010



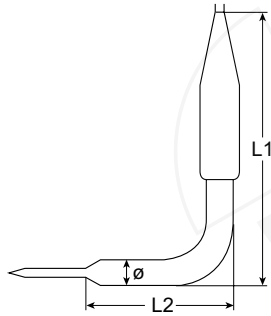
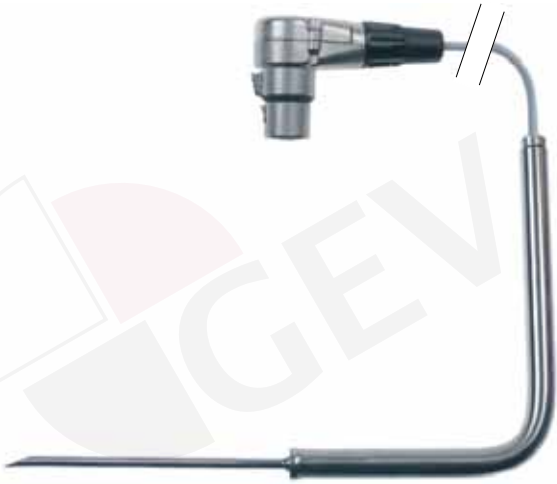
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379891	Pt100	silicone	-40 to +120°C	—	—	1.85m	12x100mm	3.5-5.5x100mm	Angelo Po	32Z6830



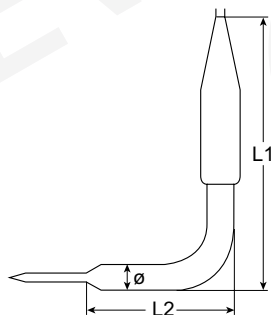
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379933	Pt100	teflon	-40 to +250°C	—	—	2.6m	15x90mm	2.5x100mm	Angelo Po Angelo Po	32Z1983 32Z1982



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	401966	Pt1000 multipoint sensor	teflon	-40 to +250°C	—	—	1.5m	13x75mm	3x100mm	Angelo Po	6300644



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379939	Pt100	teflon	-40 to +250°C	plug	—	1.25m	10x120/90	4x100mm	Baron Olis	3103280 3103280



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379662	PTC 1kOhm	silicone	-40 to +120°C	—	—	1.8m	8x120/130	4/6x100mm	Bertos Foinox	70402A

Electronic controllers



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379488	PTC 1kOhm	silicone	-40 to +120°C	—	—	1.1m	8x120/130	4-6x100mm	Bertos Foinox	70405A
2	379350	PTC 1kOhm	silicone	-40 to +120°C	—	—	1.7m	8x120/130	4/6x100mm	Bertos Foinox	70404



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379948	J (FeCu-Ni)	SS-hose	-40 to +250°C	1/8"	0.45m	1.86m	10x80mm	3.5x100	Berto's Foinox	25918900 3566
2	379951	J (FeCu-Ni)	SS-hose	-40 to +250°C	1/8"	0.75m	2.1m	10x80mm	3.5x100	Berto's Foinox	25919500 3567



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379945	Pt100	teflon	-40 to +250°C	plug	—	0.5m	10x80mm	3.5x100	Berto's Foinox	25919100 10402
2	379946	Pt100	teflon	-40 to +250°C	plug	—	0.7m	10x80mm	3.5x100	Berto's Foinox	25919300 10401



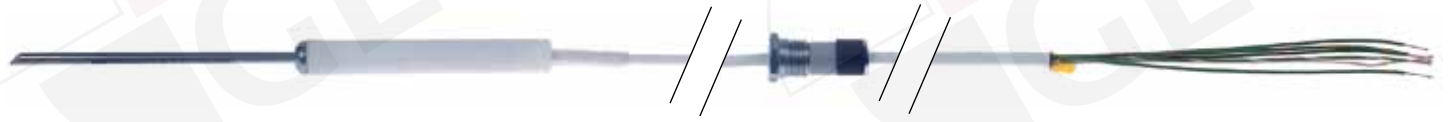
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379947	Pt100	teflon	-40 to +250°C	plug	—	1.2m	10x80mm	3.5x100	Berto's Foinox	— 10405



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379113	Pt100	SS-hose	-40 to +250°C	M10x1.5	0.6m	2.6m	8x20mm	4x110mm	Bourgeois Hobart	



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379428	K (NiCr-Ni) 3 point probe	teflon	-40 to +250°C	—	—	4.0m	11x75mm	3x100mm	Convotherm	5013022K



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379555	K (NiCr-Ni) 4 point probe	teflon	-40 to +250°C	—	—	3.3m	12x85mm	4x100mm	Convotherm	5013001



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379139	K (NiCr-Ni) 4 point probe	teflon	-40 to +250°C	—	—	3.3m	15x85mm	4x100mm	Convotherm Convotherm	5002068 5002068K



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379416	Pt100	SS-hose	-40 to +250°C	M15x1.5	0.7	3.0m	12x85	3x100mm	Convotherm Convotherm	5002066 5002066K
2	379417	Pt100	SS-hose	-40 to +250°C	M15x1.5	1.1m	3.0m	12x85	3x100mm	Convotherm Convotherm	5002067 5002067K



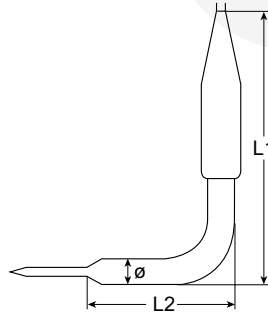
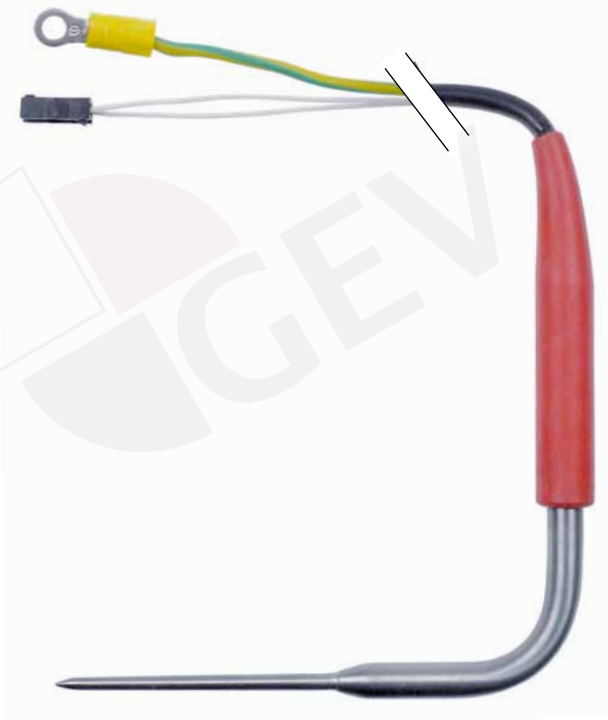
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379103	Pt100	teflon	-40 to +250°C	—	—	4.0m	15x85mm	4x100mm	Convotherm	5002062



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379431	Pt100	teflon	-40 to +250°C	1/4"	---	3m	12x85mm	4x100mm	Coven	EMSONSPEC



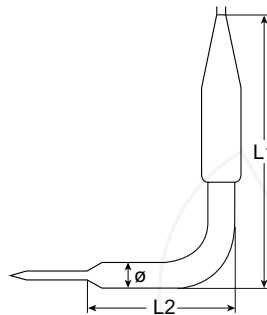
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379640	PTC 1kOhm	silicone	-40 to +120°C	—	—	2.4m	9x80mm	4-6x100mm	Dexion	019064-00



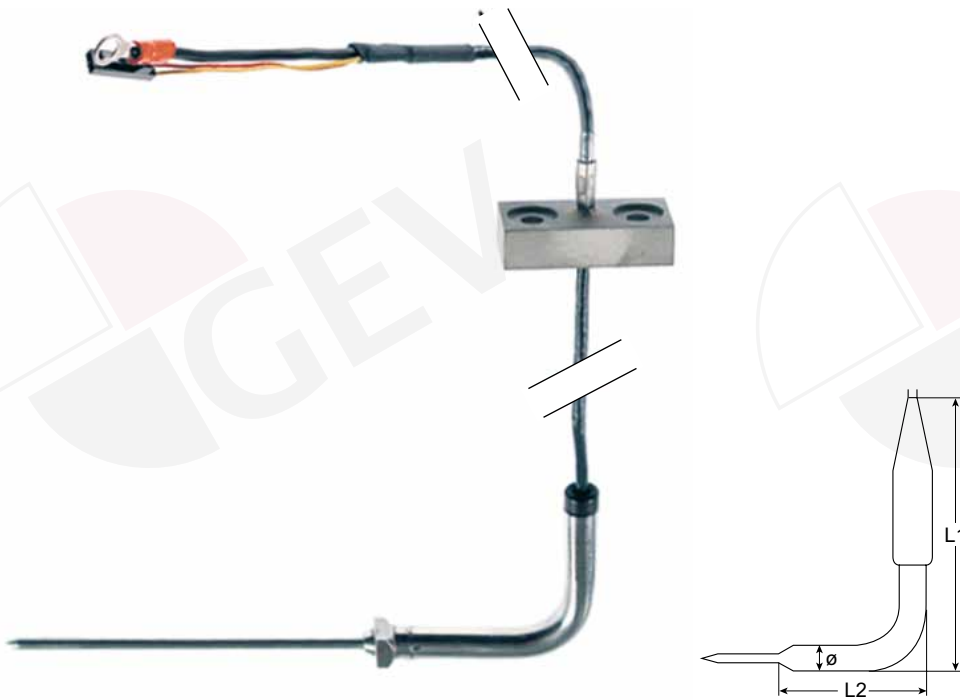
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	401944	NTC 10kOhm	silicone	-50 to +100°C	--	--	3.0m	10x150/70mm	5x80mm	Electrolux Zanussi	088348 088348



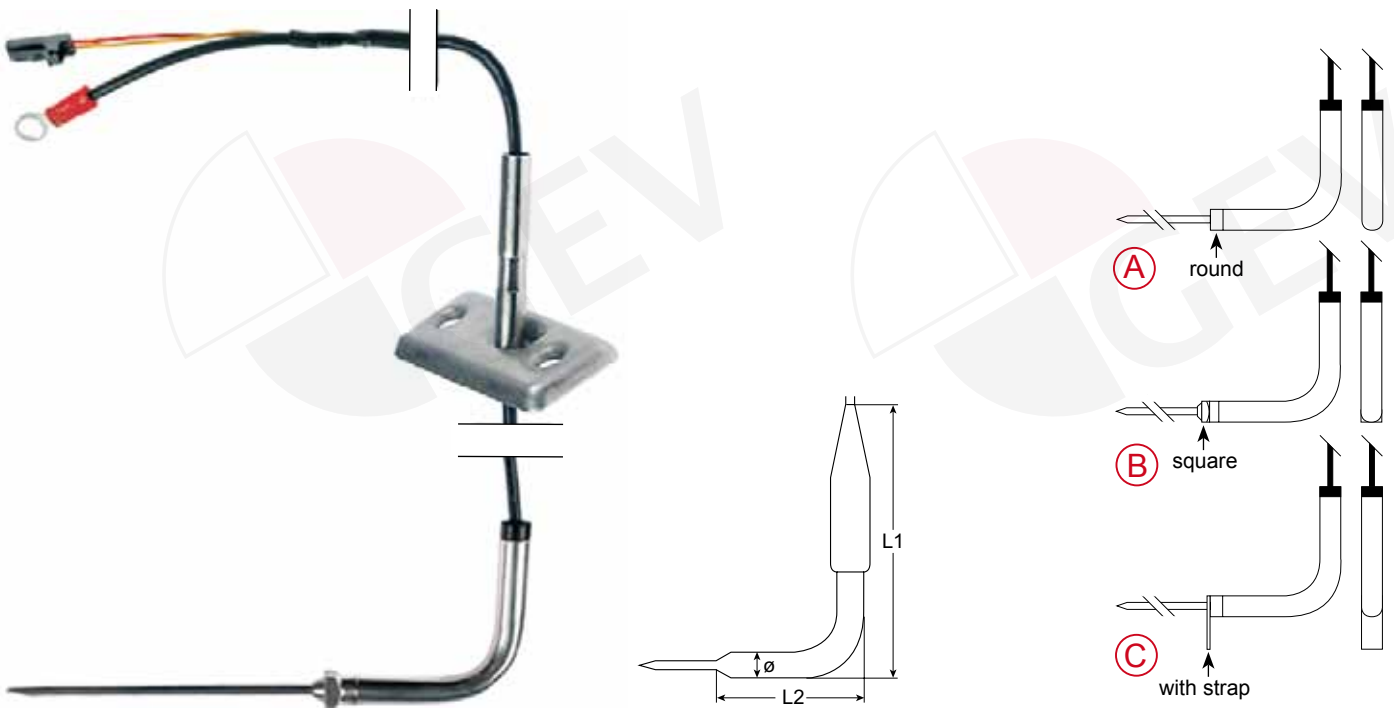
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	378185	PTC1kOhm	silicone	-40 to +120°C	--	--	3.0m	13.5x90mm	3.5-5x100mm	Electrolux Zanussi	083582 083582



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379620	PTC 1kOhm	silicone	-40 to +120°C	--	--	4.0m	10x150/60	4.5x80mm	Electrolux Zanussi	088044 088044



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379967	K (NiCr-Ni)	teflon	-40 to +250°C	—	1.5m	3.1m	9x50/60mm	3.5x93mm	Electrolux Juno Zanussi	0C0225 0C0225 0C0225



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1B	379958	K (NiCr-Ni)	teflon	-40 to +250°C	—	1.0m	2.5m	9x50/60	3.4x100mm	Electrolux	006983
2C	379969	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	—	1.0m	2.5m	9x50/60	3.4x100mm	Electrolux	0C1164
3B	379956	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	—	1.0m	2.5m	9x50/60	3.4x100mm	Electrolux	006982
4B	379957	K (NiCr-Ni)	teflon	-40 to +250°C	—	1.1m	2.6m	9x50/60	3.4x100mm	Electrolux	007063
5B	379955	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	—	1.1m	2.6m	9x50/60	3.4x100mm	Electrolux	007109
6C	379960	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	—	1.1m	2.6m	9x50/60	3.4x100mm	Electrolux	0C0956
7A	379959	K (NiCr-Ni)	teflon	-40 to +250°C	—	1.35m	3.2m	9x50/60	3.4x100mm	Electrolux	0C1383
8A	379970	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	—	1.35m	3.2m	9x50/60	3.4x100mm	Electrolux Electrolux	0C1404 007093
9C	379968	K (NiCr-Ni)	teflon	-40 to +250°C	—	1.6m	3.9m	9x50/60	3.4x100mm	Electrolux	0C1146





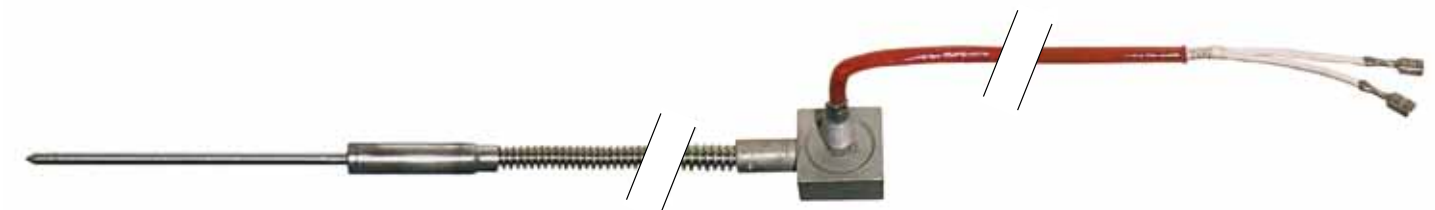
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	401549	Pt100	teflon	-40 to +250°C	special	0.36m	1.8m	8x70mm	4.5x80mm	Electrolux Juno	0H6131 212773
2	379091	Pt100	teflon	-40 to +250°C	special	0.48m	1.3m	8x70mm	4.5x80mm	Electrolux Juno	0H6492 236138
3	379096	Pt100	teflon	-40 to +250°C	special	0.62m	1.5m	8x70mm	4.5x80mm	Electrolux Juno	0H6493 236139 236147
4	379097	Pt100	teflon	-40 to +250°C	special	1.1m	2.5m	8x70mm	4.5x80mm	Electrolux Juno	0H6494 236140



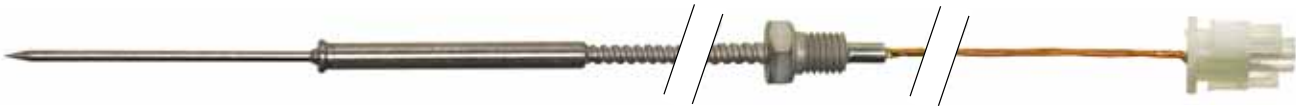
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379978	Pt100	SS-pipe	-40 to +300°C	special	0.7m	1.6m	9x45mm	5x100	Electrolux Juno	0H6489 236135
2	379979	Pt100	SS-pipe	-40 to +300°C	special	1.2m	2.0m	9x45mm	5x100	Electrolux Electrolux Juno	0H6494 0H6490 236136



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379037	Pt100	SS-hose	-40 to +250°C	M12	0.47m	2.17m	9x90mm	4x100mm	Electrolux Zanussi	059002 059002
1	379961	Pt100	SS-hose	-40 to +250°C	M12	0.9m	2.8m	9x80mm	4x100mm	Electrolux Electrolux Zanussi Zanussi	002330 058199 002330 058199



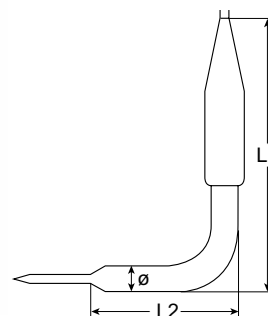
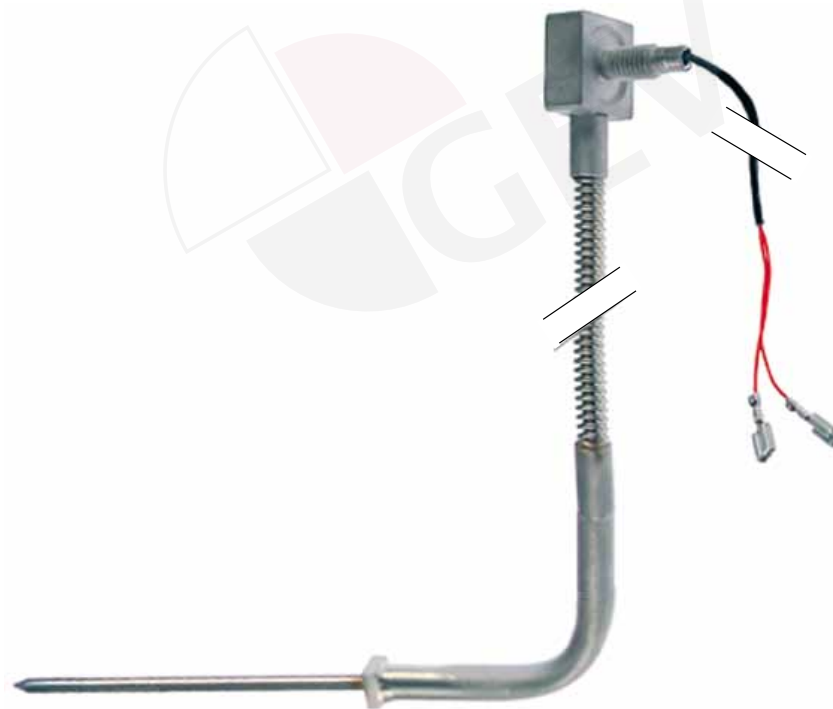
no.	part no.	type	material	temperature	screw connection	cable length I	cable length G	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379060	Pt1000	SS-hose	-40 to +250°C	M8	0.5m	2.0m	10x45mm	4.2x100mm	Electrolux Zanussi	002673 002673
2	379061	Pt1000	SS-hose	-40 to +250°C	M8	1.0m	2.5m	10x45mm	4.2x100mm	Electrolux Electrolux Juno Zanussi Zanussi	003853 003094 236149 003853 003094
3	379407	Pt1000	SS-hose	-40 to +250°C	M8	1.0m	2.7m	10x45mm	4.2x100mm	Electrolux Zanussi	0K8488 0K8488



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle $\phi$	probe ( $\phi \times L$ )	suitable for	equiv. no.
1	379095	Pt100	SS-hose	-40 to +250°C	M12	0.9m	1.45m	9x85mm	4x100mm	Electrolux Zanussi	055472 055472



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle ( $\phi \times L$ )	probe ( $\phi \times L$ )	suitable for	equiv. no.
1	379977	Pt1000	SS-hose	-40 to +250°C	—	0.95m	2.6m	10x50mm	4x96mm	Electrolux Juno Zanussi	006174 006174 006174
2	379965	Pt1000 multipoint sensor	SS-hose	-40 to +250°C	—	0.95m	2.6m	10x100mm	5x100	Electrolux Juno Zanussi	006526 006526 006526
3	379406	Pt1000	SS-hose	-40 to +250°C	—	0.46m	2.0m	10x50mm	4x96mm	Electrolux Juno Zanussi	006192 006192 006192



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle ( $\phi \times L1 / L2$ )	probe ( $\phi \times L$ )	suitable for	equiv. no.
1	379976	Pt1000	SS-hose	-40 to +250°C	M8	1.2m	3.2m	9x60/60	4x96mm	Electrolux Juno Zanussi	002821 002821 002821
2	379954	Pt1000 multipoint sensor	SS-hose	-40 to +250°C	M8	1.2m	3.2m	9x60/60	5x100	Electrolux Juno Zanussi	006527 006527 006527



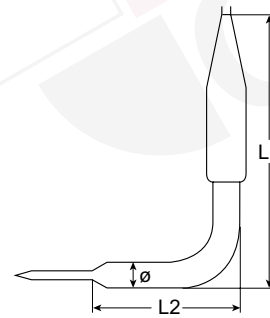
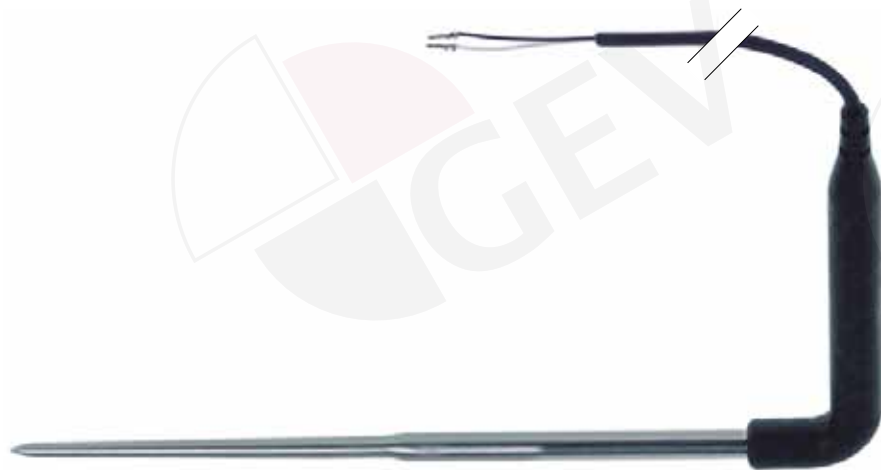
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379116	Pt100	teflon	-40 to +250°C	1/4"	—	3.1m	12x90mm	4x82mm	Eloma Eloma Eloma Eloma	873421 316027 361015 361016



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379692	Pt100	teflon	-40 to +250°C	1/4"	0.8m	1.8m	12x90	4x82mm	Eloma Eloma	783668 361026



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379089	Pt100	SS-hose	-40 to +250°C	—	2.0m	1.9m	15x85mm	4x100mm	Eloma Eloma	316010 V0602



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL)	probe (øxL)	suitable for	equiv. no.
1	379549	PTC 1kOhm	silicone	-50 to +100°C	—	—	3.5m	8x120/130mm	4/6x100mm	Fagor	6021350027



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	397875*	J (FeCu-Ni)	SS-hose	-40 to +250°C	—	0.35m	1.5m	8x60mm	3x90mm	Fagor	R663015
2	397876	J (FeCu-Ni)	SS-hose	-40 to +250°C	—	0.46m	1.65m	8x60mm	3x90mm	Fagor	R673001
3	397877	J (FeCu-Ni)	SS-hose	-40 to +250°C	—	1.0m	2.2m	8x60mm	3x90mm	Fagor	R093000

\* fig. replaced



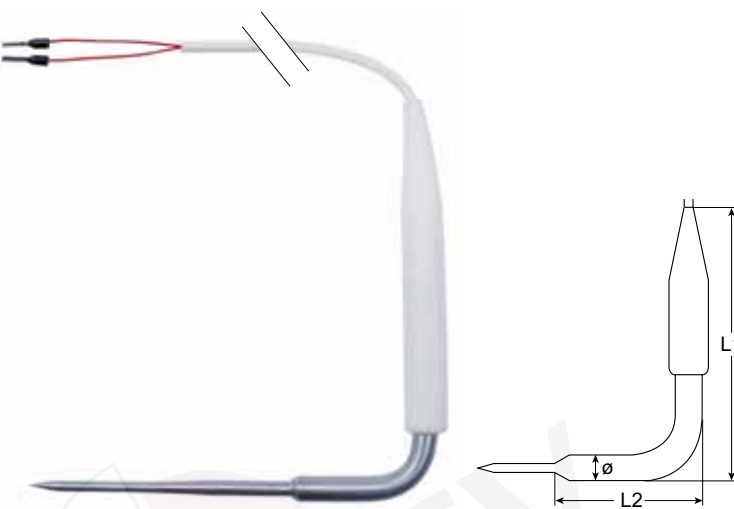
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379529	J (FeCu-Ni)	teflon	-40 to +250°C	—	—	2.0m	10x60	3.4x120	Fagor	R673076



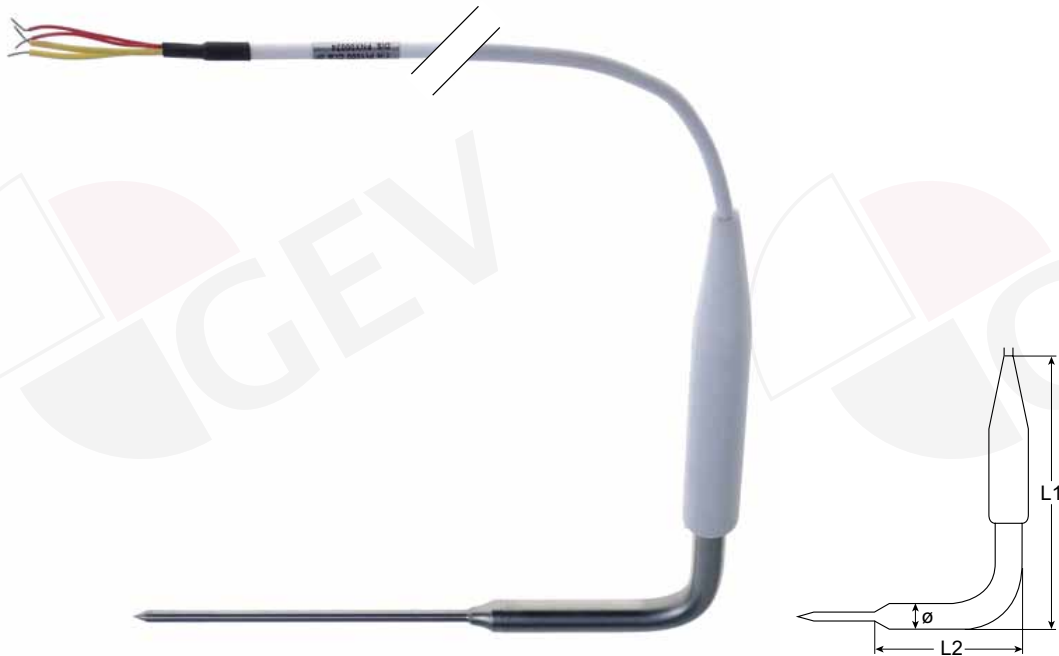
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379552	K (NiCr-Ni)	SS-hose	-40 to +250°C	—	0.45m	1.65m	8x50mm	3x90mm	Fagor	T113007



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379553	K (NiCr-Ni)	teflon	-40 to +250°C	—	—	2.0m	10x60mm	3.4x120mm	Fagor	T113088



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	401756	PTC 1kOhm	silicone	-40 to +120°C	—	—	4.5m	10x150/50	4/6x100mm	Friulinox Polaris	996070 167231



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379587*	PTC 1kOhm	silicone	-40 to +120°C	—	—	6.0m	10x170/75mm	4x100	Friulinox	FR996452

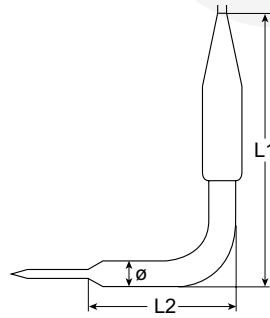
\* heatable



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	400263	Pt100	teflon	-40 to +250°C	—	—	2.0m	10x90mm	4x100mm	Gico Erre2	6277041000 6277041000

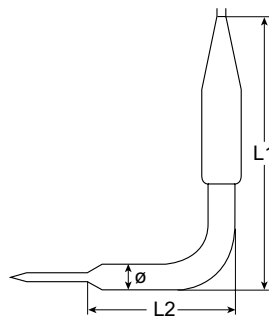


no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379549	PTC 1kOhm	thermoplastic	-40 to +100°C	—	—	3.5m	8x120/130	4/6x100mm	lisa Icematic	31155 33580149



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379547*	PTC 1kOhm	silicone	-40 to +120°C	—	—	1.2m	10x150/80mm	5x70mm	Ilsa	30600

\* heatable



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379548	PTC 1kOhm	silicone	-40 to +120°C	—	—	1.2m	10x150/80mm	5x70mm	Ilsa	30599

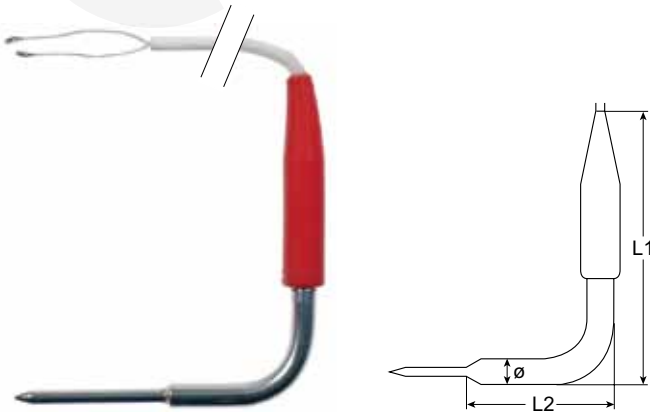




no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379003	Pt100	teflon	-40 to +250°C	—	—	2.7m	15x80mm	4x100mm	Inoxtrend Inoxtrend	C8250-00 C8250-12



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379597	Pt100	teflon	-40 to +250°C	—	—	1.7m	10x80mm	4x100mm	Inoxtrend	RRC2209-00



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	378237	Pt100	silicone	-40 to +120°C	—	—	1.7m	6x70/35	3.5x35mm	Irinox	3803051



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	378238	Pt100	silicone	-40 to +120°C	plug	—	1.3m	10x150/85	4.5x70mm	Irinox	3805010



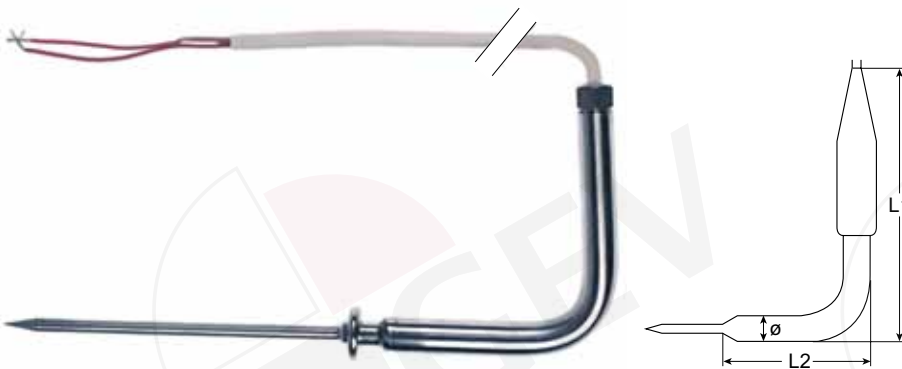
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379109	Pt100	teflon	-40 to +250°C	—	—	2.5m	9x60mm	4x100mm	Küppersbusch Küppersbusch Küppersbusch	174461 174464 781897009



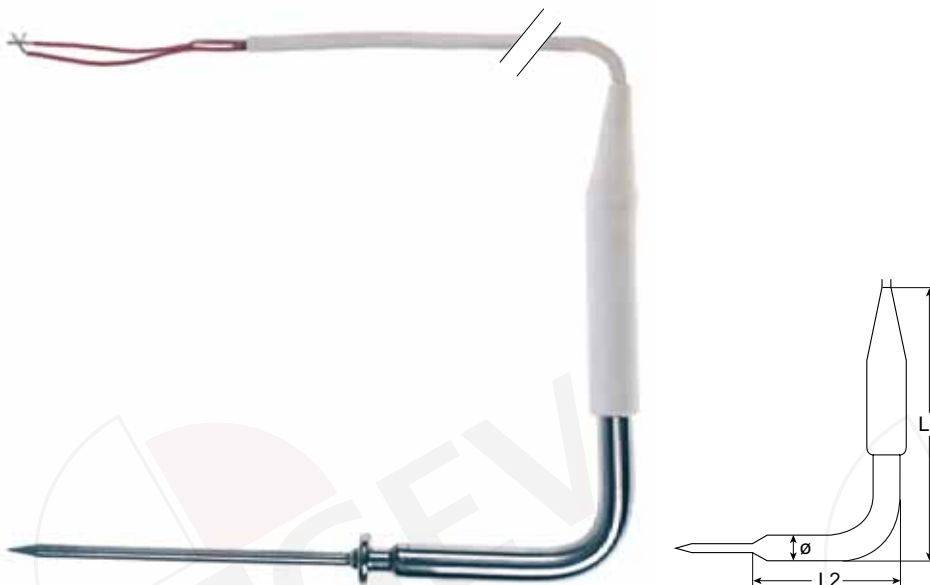
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379898	Pt100 (4Punkfühler)	teflon	-40 to +250°C	—	—	2.0m	ø9mm	4x100mm	Küppersbusch	161628
2	379899	Pt1000 (4Punkfühler)	teflon	-40 to +250°C	—	—	2.0m	ø9mm	4x100mm	Küppersbusch	161634



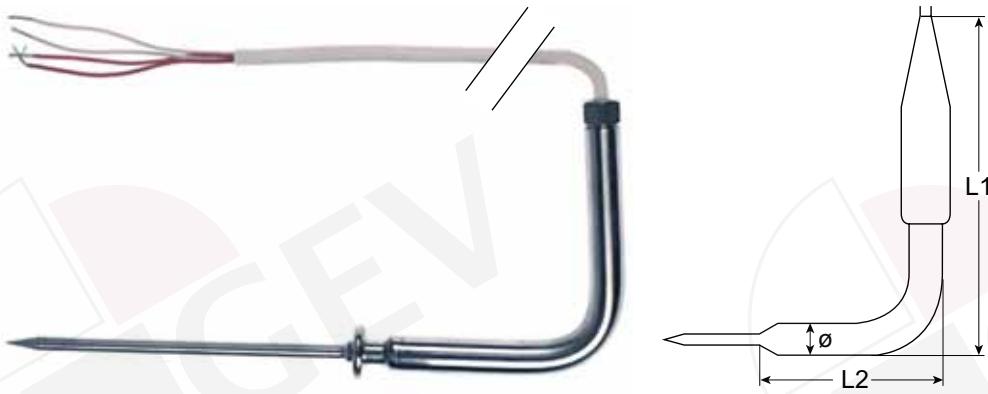
fig.	part no.	description	suitable for	equiv. no.	fig.	part no.	description	suitable for	equiv. no.
1	693496	handle black	Küppersbusch	60811	2	693497	handle white	Küppersbusch	60812



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379663	PTC 1kOhm	silicone	-40 to +120°C	—	—	3.0m	10x80/70mm	4x100mm	Lainox	RA930010



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	379544	PTC 1kOhm	silicone	-40 to +120°C	—	—	3.6m	16x125mm	4x100mm	Lainox Mareno	RA930013 SIRA930013



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle(øxL1/L2)	probe (øxL)	suitable for	equiv. no.
1	401693*	PTC 1kOhm	silicone	-40 to +120°C	—	—	3.0m	10x80/70mm	4x100mm	Lainox	SIRA930002

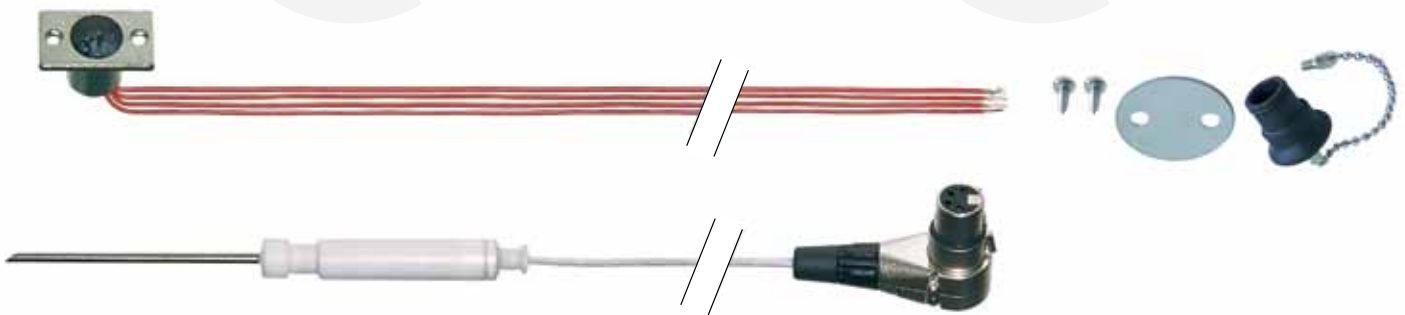
\* heatable



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379132	Pt100	SS-hose	-40 to +250°C	1/8"	0.9m	2.5m	9x85mm	4x100mm	Lainox Lainox	R65320180 R50305121
2	379133	Pt100	SS-hose	-40 to +250°C	1/8"	1.4m	2.8m	9x85mm	4x100mm	Lainox Lainox	R65320190 R50305122



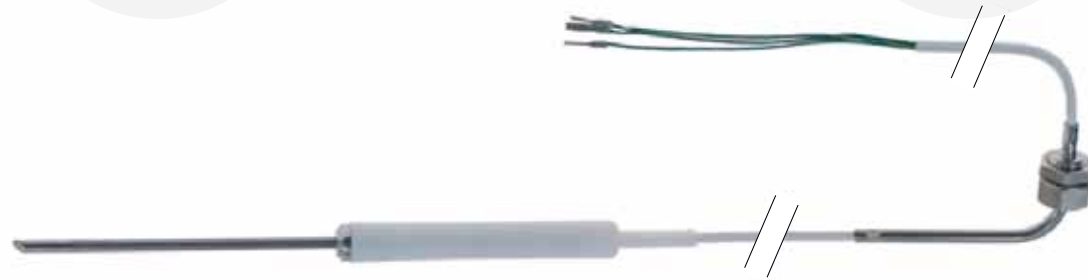
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379134	Pt100	teflon	-40 to +250°C	plug	—	1.0m	15x83mm	4x100mm	Lainox	R65320900



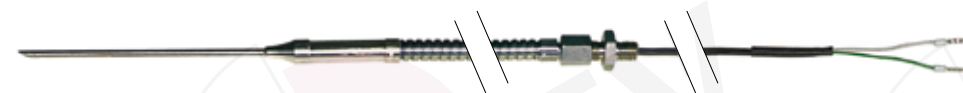
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379135	Pt100	teflon	-40 to +250°C	plug	—	1.0m	15x83mm	4x100mm	Lainox	R65320690 R65320700 R65320730 R65320740 R65320770 R65320780 R65320810 R65320820 R65320850 R65320860 R65325200 R65325210 R65325220 R65325230 R65325240 R65325250 R65325800



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379137	Pt100	teflon	-40 to +250°C	1/8"	0.45m	1.55m	9x80mm	4x100mm	Mareno	5158100
2	379138	Pt100	teflon	-40 to +250°C	1/8"	1.15m	2.15m	9x80mm	4x100mm	Mareno	5154600



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	378124	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	1/4"	0.85m	1.5m	12x90	4x100	MKN	203697
2	378125	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	1/4"	1.2m	1.9m	12x90	4x100	MKN	203688



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379079	K (NiCr-Ni) multipoint sensor	SS-hose	-40 to +250°C	M12	0.67m	1.35m	10x50mm	3.2x100	Rational	3035.0700
2	379080	K (NiCr-Ni) multipoint sensor	SS-hose	-40 to +250°C	M12	0.3m	1.35m	10x50mm	3.2x100	Rational	3035.0701
3	379081	K (NiCr-Ni) multipoint sensor	SS-hose	-40 to +250°C	M12	1.3m	2.7m	10x50mm	3.2x100	Rational	3035.0702



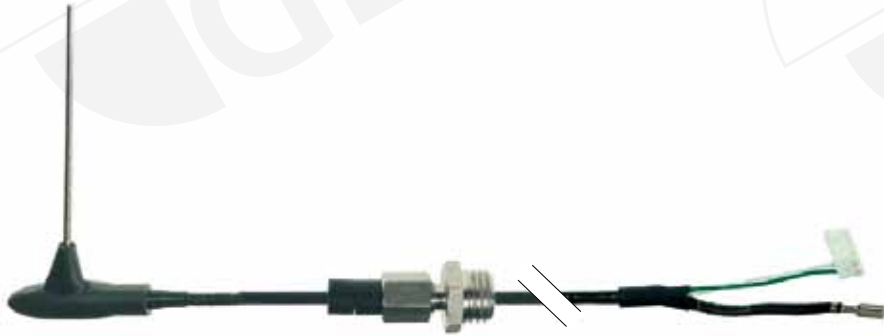
no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379122	K (NiCr-Ni)	teflon	-40 to +250°C	M12	—	1.9m	10x100mm	3.2x100	Rational Rational Rational Rational Rational	3035.0708 3035.0709 3035.0710 3035.0711 3035.0712 3035.0713



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379129	K (NiCr-Ni)	teflon	-40 to +250°C	M12	—	1.9m	10x100mm	3.2x100	Rational Rational Rational Rational Rational	3035.0714 3035.0715 3035.0716 3035.0717 3035.0717ET



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379872	K (NiCr-Ni)	teflon	-40 to +250°C	M16	—	2.2m	10x40mm	3x100mm	Rational Rational Rational	40.02.102 40.02.102P 40.02.103
2	379871	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	M16	—	2.2m	10x40mm	3x100mm	Rational Rational Rational	40.02.100 40.02.100P 40.02.101



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379865	K (NiCr-Ni)	teflon	-40 to +250°C	M16	—	2.3m	t-handle	3x100mm	Rational Rational Rational Rational	40.00.296 40.00.297 40.00.608 40.00.608P 40.01.603
2	379866	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	M16	—	2.3m	t-handle	3x100mm	Rational Rational Rational Rational	40.00.293 40.00.294 40.00.604 40.00.606 40.00.606P



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379867	K (NiCr-Ni)	teflon	-40 to +250°C	M16	—	2.2m	10x40mm	3x100mm	Rational Rational	40.01.943 87.00.097
2	379868	K (NiCr-Ni) multipoint sensor	teflon	-40 to +250°C	M16	—	2.2m	10x40mm	3x100mm	Rational Rational	40.01.942 87.00.096



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379072*	Pt100	SS-hose	-40 to +250°C	M12	0.45m	1.45m	10x50mm	3.2x100mm	Rational	3035.0623
2	379073*	Pt100	SS-hose	-40 to +250°C	M12	0.67m	1.6m	10x50mm	3.2x100mm	Rational	3035.0607
3	379074*	Pt100	SS-hose	-40 to +250°C	M12	1.2m	2.85m	10x50mm	3.2x100mm	Rational	3035.0608

\* fig. replaced



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379112	Pt100	teflon	-40 to +250°C	M12	—	2.85m	10x80mm	3.2x100mm	Rational Rational Rational Rational	3035.0703 3035.0627 3035.0604 3035.0605



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	378010	Pt100	SS-hose	-40 to +250°C	1/8"	0.55m	1.4m	10x90mm	4x100	Sogeco	SONDA001 03-SNS-1HA



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	378108*	Pt100	teflon	-40 to +250°C	1/4"	—	3.0m	15x85mm	4x100mm	Wiesheu	34370

\* fig. replaced



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	378103	Pt100	teflon	-40 to +250°C	1/4"	—	3.0m	15x85mm	4x100mm	Wiesheu	



no.	part no.	type	material	temperature	screw connection	cable length (cavity)	cable length (total)	Handle ø	probe (øxL)	suitable for	equiv. no.
1	379059*	Pt100	SS-hose	-40 to +250°C	1/4"	0.85m	2.5m	15x85mm	4x100mm	Wiesheu	38648
2	379082*	Pt100	SS-hose	-40 to +250°C	1/4"	1.25m	2.5m	15x85mm	4x100mm	Wiesheu	34201
3	379068*	Pt500	SS-hose	-40 to +250°C	1/4"	1.55m	2.45m	15x85mm	4x110mm	Wiesheu	34062
4	379069*	Pt500	SS-hose	-40 to +250°C	1/4"	1.25m	2.45m	15x85mm	4x110mm	Wiesheu	36078
5	379085*	Pt500	SS-hose	-40 to +250°C	1/4"	0.85m	2.45m	15x85mm	4x110mm	Wiesheu	33905
										Wiesheu	34184

\* fig. replaced



no.	part no.	type	material	temperature	screw connection	cable length I	cable length G	handle (øxL)	probe (øxL)	suitable for	equiv. no.
1	379985	Pt500	teflon	-40 to +250°C	—	—	3.0m	15x85mm	4x100mm	Wiesheu	



**humidity probes**



no.	part no.	% r.H	supply	measurement range	cable length	probe (øxL)	suitable for	equiv. no.
1	378076	5-95%	8-24V DC	4-20mA	1.5m	20x180mm	Universal	



no.	part no.	% r.H	supply	measurement range	cable length	probe (øxL)	suitable for	equiv. no.
1	379174	0-100%	8-35V DC	4-20mA	—	50x35x120mm	Universal	

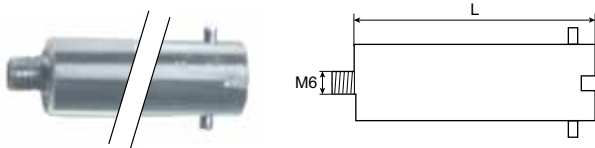
**pressure probes**



no.	part no.	PA	supply	measurement range	cable length	probe (øxL)	suitable for	equiv. no.
1	379118	0-7bar	8-28V DC	4-20mA	2.0m	7/16"	Universal	
2	379119	0-30bar	8-28V DC	4-20mA	2.0m	7/16"	Universal	

**probe accessories**

**bayonet adaptors**



no.	part no.	L (mm)	suitable for	equiv. no.	no.	part no.	L (mm)	suitable for	equiv. no.
1	379093	18	Electrolux Electrolux	0G2154 0K11656	4	378128	59	Electrolux	0KE127
2	378127	32	Electrolux	0K5057	5	379881	66	Salvis	113100109
3	379094	39	Electrolux	0G2155					

**mounting plates**



fig.	part no.	description	suitable for	equiv. no.	fig.	part no.	description	suitable for	equiv. no.
1	691097	plate upper	Fagor	T133037	2	691098	plate lower	Fagor	T133036

## plugs and sockets



fig.	part no.	description	suitable for	equiv. no.	fig.	part no.	description	suitable for	equiv. no.
1	378016	power socket 4-pole cable 1m	Lainox	R65320920	4	378116	power socket 3-pole	Universal	
2	379938	power socket 4-pol.	Mareno	3103285	5	378117	plug 3-pole	Universal	
3	378017	power socket cap	Lainox Mareno	R65321020 3103290					

## probe extensions cables (sold by meter)

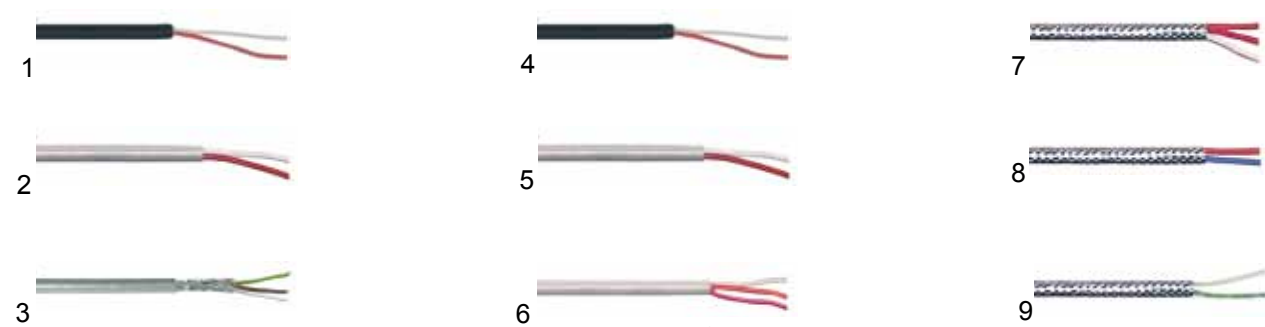


fig.	part no.	material	cable	probe type	fig.	part no.	material	cable	probe type
1	379351	PVC	2x0.35mm <sup>2</sup>	NTC	6	379355	silicone	3x0.35mm <sup>2</sup>	PT100
2	379352	silicone	2x0.35mm <sup>2</sup>	NTC	7	379356	Vetrotex	3x0.35mm <sup>2</sup>	PT100
3	379163	PVC	3x0.5mm <sup>2</sup> , shielded	NTC	8	379401	Vetrotex	2x0.5mm <sup>2</sup>	J
4	379353	PVC	2x0.35mm <sup>2</sup>	PTC	9	379402	Vetrotex	2x0.5mm <sup>2</sup>	K
5	379354	silicone	2x0.35mm <sup>2</sup>	PTC					

## speed controllers for exhaust hoods



fig.	part no.	voltage input	voltage output	power (W)	max. (A)	load current (A)
1	379625	230V/50Hz	115-230V/50Hz	1200	12	10
2	401658	230V/50Hz	46-138V/115-230V	1500	12	7,5
3	401659	230V/50Hz	46-138V/115-230V	2500	18	12