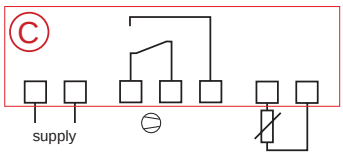
electronic controllers Evco

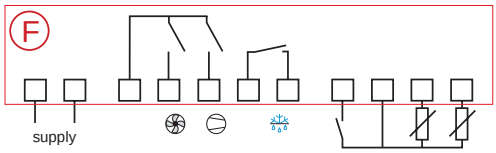
refrigeration controllers

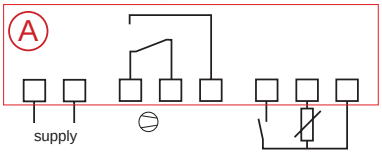
mounting dimensions 71x29mm

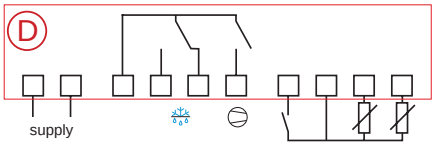


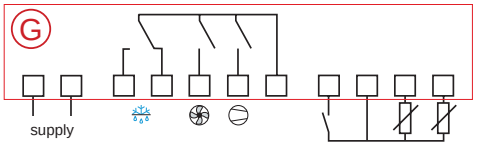
1

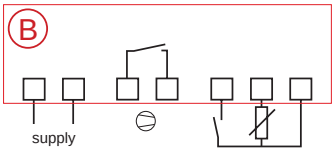


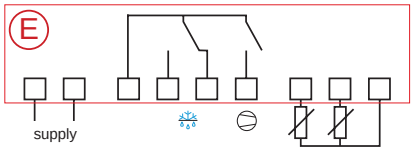


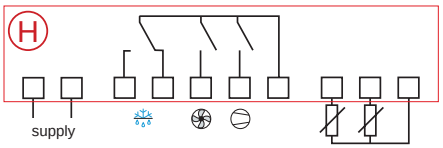












							outputs (AC1)							inputs						detail		
fig.	part no.	type	supply	probe	measurement range	display (Digits)	compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalein. 2	digital input 3	digital input 4	HACCP	time display	buzzer internal
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



1

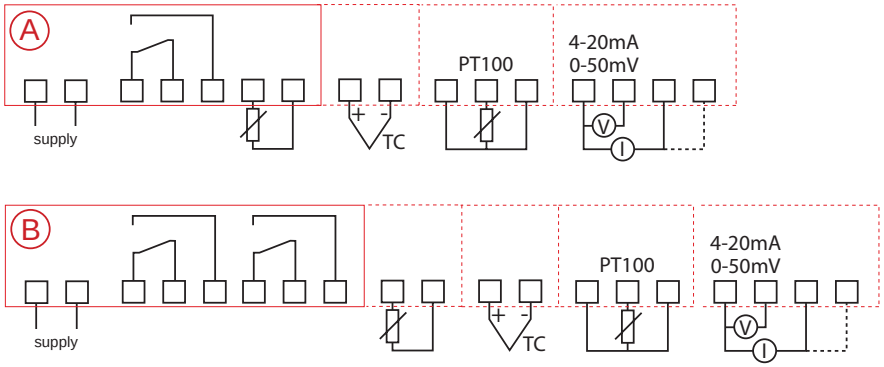


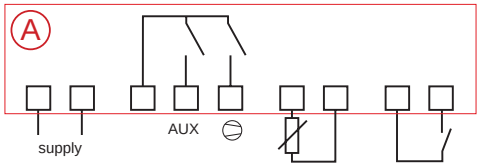
fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay 1	relay 2	relay 3	relay 4	inputs temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	detail HACCP	time display	buzzer internal
1A	378131*	EVK411 EVK411M2VHBS	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



1



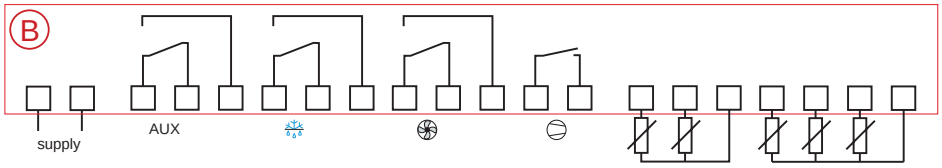


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	inputs temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalein. 2	digital input 3	digital input 4	detail HACCP	time display	buzzer internal
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

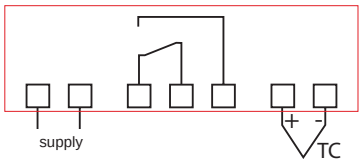


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay 1	relay 2	relay 3	relay 4	inputs temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	detail HACCP	time display	buzzer internal
1	378168*	EC4-132 EC4-132 J220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

* no defrost function

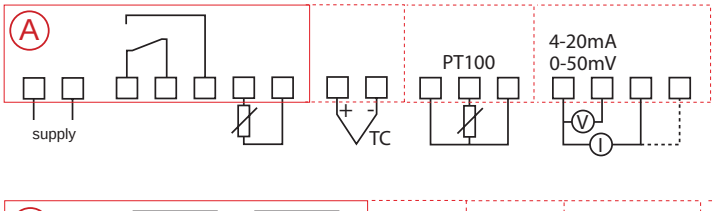
universal controllers
mounting dimensions 66,5x66,5mm

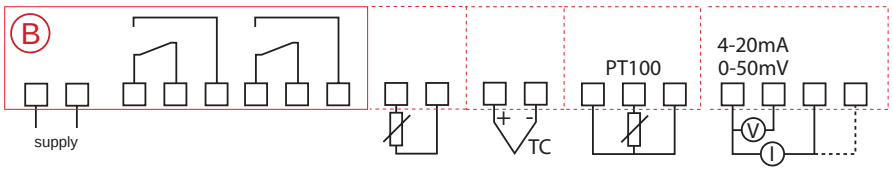


1



2





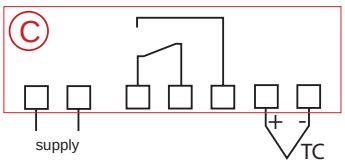


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay 1	relay 2	relay 3	relay 4	inputs temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	detail HACCP	time display	buzzer internal	timer
1A	378169[1]	EV7401 EV7401M6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

[1] no defrost function [2] with timer function

mounting dimensions 92x92mm



1

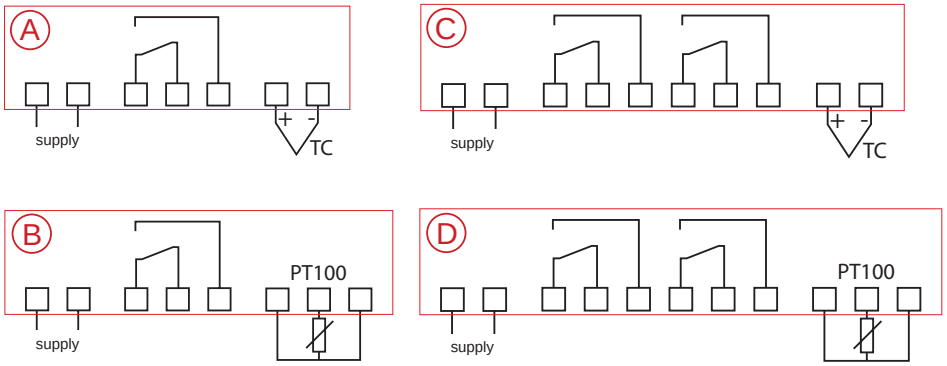


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay 1	relay 2	relay 3	relay 4	inputs temperature probe 3	temperature probe 3	temperature probe 3	digital input 1	digital input 2	digital input 3	detail HACCP	time display	buzzer internal
1A	378172*	RK400 RK400AJ7E001	24/240V 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

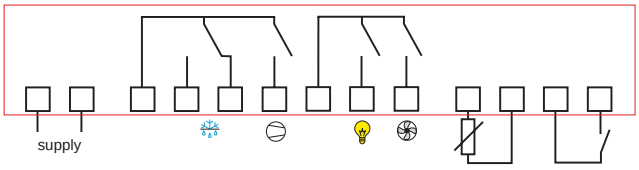


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	inputs temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalein. 2	digital input 3	digital input 4	detail 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	x	x

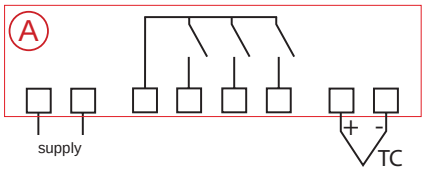
universal controllers
mounting dimensions 66,5x138mm

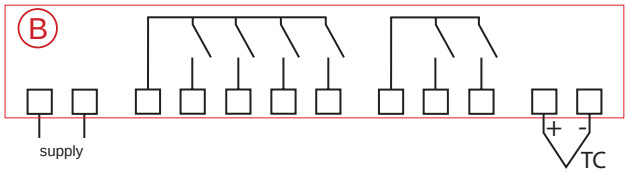

1


2


3


4





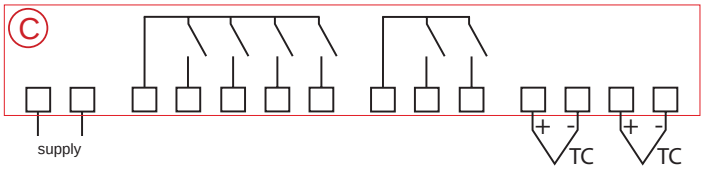


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) relay upper	relay bottom	light relay	Dampfgeneratorrelais	Dampfeinspritzungsrelais	Absaugungsrelais	inputs temperature probe 1	temperature probe 2	temperature probe 3	detail HACCP	time display	buzzer internal	timer
1A	378177*	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



1

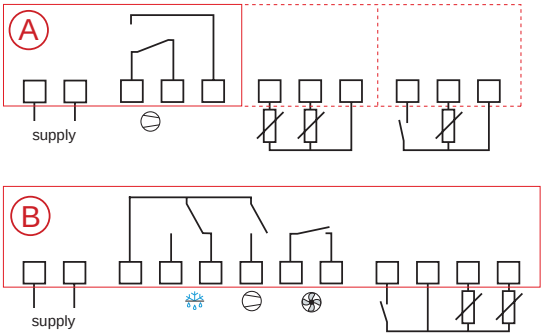


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	inputs temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalein. 2	digital input 3	digital input 4	detail HACCP	time display	buzzer internal
1A	378157	EV6221 EV6221P7VXBS	230V AC	NTC PTC	-40 to +105°C -50 to +150°C	2½	16A							x				x					x
1B	378160	EV6223 EV6223P7VXBS				2½	16A	8A	8A					x	x		x						x



1

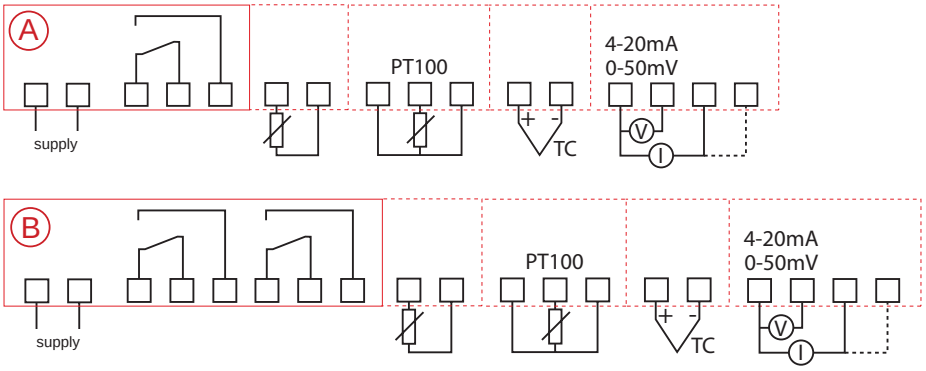


fig.	part no.	type	supply	probe	measurement range	display (Digits)	outputs (AC1) compressor relay	defrost relay DEF (AC1)	radiator fan relay FAN (AC1)	auxiliary relay 1	light relay	alarm relay 1	on/off relay	inputs temperature probe	defrost temperature probe	temperature probe 3	digital input 1	probe 3/Digitalein. 2	digital input 3	digital input 4	detail HACCP	time display	buzzer internal
1A	378158*	EV6421 EV6421M7VHBS	230V AC	PTC/NTC Pt100 TcJ,K mA	depend on probe	3½	16A							x									x
1B	378159*	EV6412 EV6412M7VXBS				3½	16A	8A						x									x

* no defrost function

electronic thermometers Evco



1

mounting dimensions 58x25,5mm

fig.	part no.	type	supply	probe	measurement range	display(Digits)
1	379900	TM103N4	24V AC	NTC	-40 to 110°C	2½
1	400754	TM103N7	230VAC	NTC	-40 to 110°C	2½



2

mounting dimensions 71x29mm

fig.	part no.	type	supply	probe	measurement range	display(Digits)
2	378247	EVK100M7	230VAC	PTC/NTC Pt100 Pt1000 TcJ,K	depend on probe	3½