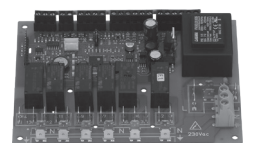


# ELECTRONIC CONTROLLERS

*Full range of timers, probes and accessories for cold and hot appliances*

Regulateurs électroniques  
Elektronik-Regler  
Controllori elettronici  
Controladores electrónicos





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# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) AKO D14XXX ELECTRONIC CONTROLLERS

AKO



D14XXX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 379591 GEV: 3445161	D14112	12/24V AC/DC	2 NTC + 1 DI	1					•			•
LF: 3445163 GEV: 379797	D14212	12V AC/DC	2 NTC + 1 DI	1			1		•			•
LF: 3445162 GEV: 379460	D14123	230V	1 NTC	1					•			•
LF: 3445535 GEV: 379507	D14123-2	230V	2 NTC + 1 DI	1					•			•
LF: 3445533 GEV: 379314	D14223	230V	2 NTC + 1 DI	1			1		•			•
LF: 3445164 GEV: 379456	D14323	230V	2 NTC + 1 DI	1	1		1		•			•
LF: 3445544 GEV: 378426	D14423	230V	2 NTC + 1 DI	1	1	1	1		•	•	•	•

Dimensions: 71x29x43 mm  
-40 to +110°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) ASCON TECNOLOGIC E31, TLY, TLZ, Y31, Y39, Z31 ELECTRONIC CONTROLLERS



E31, TLY, TLZ,  
Y31, Y39, Z31

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445524 GEV: 378666	E31-DR-VVIABI	230V	1 NTC + 1 DI	1									
LF: 3445186 GEV: 381579	TDF11D	115-230V	1 NTC/PTC	1									
LF: 3445188 GEV: LF3445188	Z31-HR	100-230V	1 NTC/PTC	1									
LF: 3445185 GEV: LF3445185	TLZ10FR	12-24V AC/DC	1 NTC/PTC	1									
LF: 3445538 GEV: 381435	Z31Y HS	115-230V	2 NTC/PTC + 1 DI	1									
LF: 3445187 GEV: LF3445187	TLZ20FR	12V AC/DC	1 NTC/PTC	1									
LF: 3445189 GEV: LF3445189	Z31Y HRR-I	115-230V	1 NTC/PTC + 1 DI	1		1							
LF: 3445190 GEV: 379363	Y39 HRR	100-240V	2 NTC/PTC + 1 DI	1		1							
LF: 3445191 GEV: 379210	Y39-GRRR	12-24V AC/DC	2 NTC/PTC + 1 DI	1	1	1							
LF: 3445192 GEV: 381502	Y39-HRRR	100-240V	2 NTC/PTC + 1 DI	1	1	1							
LF: 3445239 GEV: 378439	TLY25H	100-240V	2 NTC/PTC + 1 DI	1	1	1	1						

Dimensions: 71x29x64 mm  
-40 to +110°C - 3 digits

### (PANEL) BETA RC ELECTRONIC CONTROLLERS

## BETA



RC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445551 GEV: LF3445551	RC31-6004-II	12/24V AC/DC	1 NTC/PTC/Pt1000 + 1 DI	1									
LF: 3445550 GEV: LF3445550	RC31-6001-II	230V	1 NTC/PTC/Pt1000 + 1 DI	1									
LF: 3744058 GEV: LF3744058	RC33-2604-II	12/24V AC/DC	2 NTC/PTC + 1 DI	1	1	1	1						
LF: 3744059 GEV: LF3744059	RC33-2601-II	230V	2 NTC/PTC + 1 DI	1	1	1	1						

Dimensions: 71x29x69 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) CAREL IR33 ELECTRONIC CONTROLLERS

# CAREL



IR33

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445225 GEV: LF3445225	IR33S00N00	12V AC	2 NTC + 2 DI	1									
LF: 3445908 GEV: LF3445908	IR33S0LN00	12/24V AC	2 NTC + 2 DI	1									
LF: 3445210 GEV: 378143	IR33S0LR00	12/24V AC	2 NTC + 2 DI	1				IR sensor					
LF: 3445209 GEV: 378643	IR33S0EP00	230V	1 NTC + 1 DI	1									
LF: 3445204 GEV: 378144	IR33S0ER00	230V	1 NTC + 1 DI	1				IR sensor					
LF: 3445226 GEV: 378183	IR33Y00N00	12V AC	2 NTC + 2 DI	1		1							
LF: 3445227 GEV: LF3445227	IR33C00N00	12V AC	2 NTC + 2 DI	1	1	1	1						
LF: 3445909 GEV: 378182	IR33COLN00	12/24V AC	2 NTC + 2 DI	1	1	1	1						
LF: 3445211 GEV: 378181	IR33C0LB00	12/24V AC	2 NTC + 2 DI	1	1	1	1	IR sensor, RTC					
LF: 3445203 GEV: 378145	IR33C0HB00	115-230V	2 NTC + 2 DI	1	1	1	1	IR sensor					
LF: 3445228 GEV: LF3445228	IR33F0EN00	230V	2 NTC + 1 DI	1	1	1							
LF: 2101521 GEV: LF2101521	IR33F0EHA0	230V	2 NTC + 1 DI	1	1	1							

Dimensions: 71x29x72mm  
-50 up to +99°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) CAREL PJEZ ELECTRONIC CONTROLLERS

# CAREL



PJEZ

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445217 GEV: 378690	PJEZC00000	230V	2 NTC + 1 DI	1	1	1			•	•	•	•
LF: 5068601 GEV: 378475	PJEZC0P000	230V	2 NTC + 1 DI	1	1	1			•	•	•	•
LF: 5040535 GEV: 378705	PJEZS0H000	230V	2 NTC + 1 DI	1					•			•
LF: 3445215 GEV: 370886	PJEZS00000	230V	2 NTC + 1 DI	1					•			•
LF: 7106435 GEV: LF7106435	PJEZC0H000	230V	2 NTC + 1 DI	1	1	1			•	•	•	•
LF: 2102955 GEV: LF2102955	PJEZSNH0E0	230V	1 NTC	1				short depth 31 mm	•			•
LF: 5057406 GEV: 378721	PJEZS0P000	230V	2 NTC + 1 DI	1					•			•
LF: 5104943 GEV: 378030	PJEZSNH000	230V	2 NTC	1				short depth 31 mm	•			•
LF: 3445332 GEV: LF3445332	PJEZC0M000	230V	2 NTC + 1 DI	1	1	1		RTC	•	•	•	•
LF: 2102337 GEV: LF2102337	PJEZY0H000	230V	2 NTC + 1 DI	1		1			•	•		•
LF: 2101745 GEV: LF2101745	PJEZS0G000	230V	2 NTC + 1 DI	1			1		•		•	•
LF: 3445216 GEV: LF3445216	PJEZS0A000	230V	2 NTC + 1 DI	1			1		•		•	•

Dimensions: 71x29x58 mm  
-50 to +150°C - 3 digits energy saver

### (PANEL) CAREL PJS ELECTRONIC CONTROLLERS

# CAREL



PJS

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445249 GEV: LF3445249	PJS1Y0P000	230V	2 NTC + 1 DI	1			1	milk application				•
LF: 3445425 GEV: LF3445425	PJS2C0H000	230V	2 NTC + 1 DI	1		1	1	RTC	•	•	•	•

Dimensions: 71x29x58 mm  
-50 to +150°C - 3 digits energy saver

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) DANFOSS EKC ELECTRONIC CONTROLLERS

**NEW**



EKC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5112459 GEV: 381369	EKC 202B	230V	2 NTC/PTC/Pt1000 + 1 DI	1	1	1		RTC, RS485, HACCP	•	•		

Dimensions: 71x29x61 mm  
3 digits

### (PANEL) DANFOSS ERC ELECTRONIC CONTROLLERS



ERC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445541 GEV: 379821	ERC 211	230V	1 NTC/PTC/Pt1000 + 1 DI	1				RS485, HACCP	•			
LF: 3445595 GEV: 381561	ERC 213		2 NTC/PTC/Pt1000 + 2 DI	1	1	1			•	•		

Dimensions: 71x29x61 mm  
-50 to +99°C - 3 digits

### (PANEL) DANFOSS AK-CC ELECTRONIC CONTROLLERS



AK-CC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5112463 GEV: 381503	AK-CC 210	230V	2 NTC/PTC/Pt1000 + 1 DI	1	1	1	1	RTC, RS485, HACCP	•	•	•	•

Dimensions: 71x29x81 mm  
3 digits



# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) DIXELL XR ELECTRONIC CONTROLLERS

**dixell®**



XR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended					
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room		
LF: 3445171 GEV: 378000	XR20CX-5N0C1	230V	1 NTC/PTC + 1 DI	1										
LF: 3445440 GEV: 378267	XR02CX-5N0C1	230V	1 NTC/PTC + 1 DI	1				short depth 50 mm						
LF: 5106826 GEV: 379996	XR20CX-5N0C0	230V	1 NTC/PTC + 1 DI	1										
LF: 2102676 GEV: 402192	XR10CX-5N0C1	230V	1 NTC/PTC + 1 DI	1										
LF: 5106819 GEV: 378256	XR02CX-5N0C0	230V	1 NTC/PTC + 1 DI	1				short depth 50 mm						
LF: 3445170 GEV: 378700	XR20CX-0N0C1	12V AC/DC	1 NTC/PTC + 1 DI	1										
LF: 3445172 GEV: 378736	XR30CX-0N0C1	12V AC/DC	1 NTC/PTC + 1 DI	1			1							
LF: 3445173 GEV: 379665	XR30CX-5N0C1	230V	1 NTC/PTC + 1 DI	1			1							
LF: 3445443 GEV: LF3445443	XR03CX-5N0C1	230V	1 NTC + 1 DI	1			1	short depth 50 mm						
LF: 7106545 GEV: 378730	XR80CX-5N0C1	230V	1 NTC + 1 DI	1			1	milk application						
LF: 3445207 GEV: LF3445207	XR04CX-5N0C1	230V	2 NTC/PTC	1	1			short depth 50 mm						
LF: 3445175 GEV: 378384	XR40CX-5N0C1	230V	2 NTC/PTC + 1 DI	1		1								
LF: 3445444 GEV: LF3445444	XR04CX-5N0C1	230V	2 NTC	1		1		short depth 50 mm						
LF: 3445174 GEV: LF3445174	XR40CX-0N0C1	12V AC/DC	2 NTC/PTC + 1 DI	1		1								
LF: 3445297 GEV: 402144	XR60CX-5N0C1	230V	2 NTC/PTC + 1 DI	1	1	1								
LF: 3445441 GEV: 378273	XR06CX-5N0C1	230V	2 NTC/PTC + 1 DI	1	1	1								
LF: 5030321 GEV: 378224	XR60CX-5N0C0	230V	2 NTC/PTC + 1 DI	1	1	1								
LF: 3445176 GEV: 378112	XR60CX-0N0C0	12V AC/DC	2 NTC/PTC + 1 DI	1	1	1								
LF: 3445298 GEV: LF3445298	XR60CX-0N0C3	12V AC/DC	2 NTC/PTC + 1 DI	1	1	1								
LF: 7106793 GEV: LF7106793	XR72CX-0N0C8	12V AC/DC	2 NTC/PTC + 1 DI	2	1	1								
LF: 5072543 GEV: LF5072543	XR64CX-5N0C0	230V	2 NTC/PTC + 1 DI	1	1	2								
LF: 3445390 GEV: 378221	XR70CX-5N0C3	230V	2 NTC/PTC + 1 DI	1	1	1	1							
LF: 3445248 GEV: LF3445248	XR70CX-0N0C8	12V AC/DC	2 NTC/PTC + 1 DI	1	1	1	1							

Dimensions: 71x29x60 mm  
-50 to +150°C - 3 digits Hot key serial, TTL

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) DIXELL XR ELECTRONIC CONTROLLERS

**dixell®**



XR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 5116646 GEV: 378532	XR20CH-5N0C1	230V	1 NTC/PTC + 1 DI	1									
LF: 3445543 GEV: 378488	XR20CH-5G0C3	230V	1 NTC/PTC + 1 DI	1									
LF: 3445518 GEV: LF3445518	XR10CH-5N2C1	230V	1 NTC/PTC + 1 DI	1									
LF: 3445412 GEV: LF3445412	XR44CH-0N0C8	12V AC/DC	2 NTC/PTC + 1 DI	2		2							
LF: 3445519 GEV: LF3445519	XR60CH-5N2C1	230V	2 NTC/PTC + 1 DI	1	1	1							
LF: 3445520 GEV: LF3445520	XR70CH-5N2C3	230V	2 NTC/PTC + 1 DI	1	1	1	1						

Dimensions: 71x29x60 mm - touch screen  
-50 to +150°C - 3 digits Hot key serial, TTL

### (PANEL) EKTRON REK/TEK ELECTRONIC CONTROLLERS

**EKTRON**



REK/TEK

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445587 GEV: 379542	TEK31-0010	12V AC/DC	2 PTC	1									
LF: 5031721 GEV: 378034	REK31ED	230V	2 NTC/PTC	1									
LF: 3445597 GEV: 402020	REK33-0020	12V AC/DC	2 PTC	1	1	1							
LF: 5117271 GEV: 378118	REK33-1021	230V	2 PTC	1	1	1							

Dimensions: 71x29x70 mm  
-50 to +110°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) ELIWELL IDNEXT ELECTRONIC CONTROLLERS

NEW



IDNEXT

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended					
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room		
LF: 3445600 GEV: LF3445600	ID NEXT 902 P	12V AC/DC	1 NTC/PTC/Pt1000 + 1 DI	1										
LF: 3445601 GEV: LF3445601	ID NEXT 902 P	230V	1 NTC/PTC/Pt1000 + 1 DI	1										
LF: 3445603 GEV: LF3445603	ID NEXT 961 P	230V	1 NTC/PTC/Pt1000 + 1 DI	1										
LF: 3445606 GEV: LF3445606	ID NEXT 974 P/B	12V AC/DC	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		Buzzer						
LF: 3445607 GEV: LF3445607	ID NEXT 974 P/B	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		Buzzer						
LF: 3445608 GEV: LF3445608	ID NEXT 974 P/C	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		RTC, Buzzer						
LF: 3445611 GEV: LF3445611	ID NEXT 978 P/B	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1	1	Buzzer						
LF: 3445612 GEV: LF3445612	ID NEXT 978 P/C	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1	1	RTC, Buzzer						
LF: 3445602 GEV: LF3445602	ID NEXT 961 P	12V AC/DC	1 NTC/PTC/Pt1000 + 1 DI	1										
LF: 3445604 GEV: LF3445604	ID NEXT 971 P/B	12V AC/DC	2 NTC/PTC/Pt1000 + 1 DI	1		1		Buzzer						
LF: 3445605 GEV: LF3445605	ID NEXT 971 P/B	230V	2 NTC/PTC/Pt1000 + 1 DI	1		1		Buzzer						
LF: 3445610 GEV: LF3445610	ID NEXT 978 P/CI	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1	1	Speed control, RTC						
LF: 3445609 GEV: LF3445609	ID NEXT 974 P/CI	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		Speed control, RTC						

Dimensions: 71x29x60 mm - TTL input Bluetooth  
-55 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) ELIWELL ID PLUS ELECTRONIC CONTROLLERS



ID PLUS

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445399 GEV: 378644	ID PLUS 902	12V AC/DC	1 NTC/PTC/Pt1000 + 1 DI	1					•			•
LF: 3445375 GEV: 378303	ID PLUS 902	230V	1 NTC/PTC/Pt1000 + 1 DI	1					•			•
LF: 3445400 GEV: 379837	ID PLUS 961	12V AC/DC	1 NTC/PTC/Pt1000 + 1 DI	1					•			•
LF: 3445376 GEV: 378298	ID PLUS 961	230V	1 NTC/PTC/Pt1000 + 1 DI	1					•			•
LF: 3445401 GEV: 378437	ID PLUS 971	12V AC/DC	2 NTC/PTC/Pt1000 + 2 DI	1		1		Buzzer	•	•		•
LF: 3445377 GEV: 378304	ID PLUS 971	230V	2 NTC/PTC/Pt1000 + 2 DI	1		1		Buzzer	•	•		•
LF: 3445402 GEV: 379836	ID PLUS 974	12V AC/DC	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		Buzzer	•	•	•	•
LF: 3445378 GEV: 378299	ID PLUS 974	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1		Buzzer	•	•	•	•
LF: 3445389 GEV: 378436	ID PLUS 978	230V	2 NTC/PTC/Pt1000 + 2 DI	1	1	1	1	Buzzer	•	•	•	•

Dimensions: 71x29x59 mm - TTL input for copy card  
-55 to +150°C - 3 digits

### (PANEL) ELIWELL ID ELECTRONIC CONTROLLERS



ID

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445067 GEV: LF3445067	ID985LX CK	12V AC/DC	3 NTC/PTC + 2 DI	1	1	1	1	RTC, LINK- & LINK+	•	•	•	•
LF: 3445066 GEV: 378136	ID975LX	12V AC/DC	2 NTC/PTC	1	1	1	1	Buzzer	•	•	•	•

Dimensions: 71x29x67 mm - TTL input for copy card  
-55 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) EVCO EV3 ELECTRONIC CONTROLLERS

NEW



EV3

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445514 GEV: LF3445514	EV3121N7	230V	1 NTC/PTC + 1 DI	1				Evkey, Energy saving, Modbus	•			•
LF: 5134178 GEV: LF5134178	EV3401P3	12/24V AC/DC	1 PNTC/PTC + 1 DI	1				Evkey, Energy saving, Modbus	•			•
LF: 7188870 GEV: LF7188870	EV3221N3	12V AC/DC	1 NTC/PTC + 1 DI	1				Evkey, Energy saving, Modbus	•			•
LF: 3445479 GEV: 378443	EV3X21N7	230V	1 NTC/PTC + 1 DI	1				Evkey, Energy saving, Modbus	•			•
LF: 3445513 GEV: LF3445513	EV3B43N7	230V	2 NTC + 1 DI	1	1		1	Evkey, Energy saving, Modbus	•			•
LF: 3445481 GEV: LF3445481	EV3B32N7	230V	2 NTC/PTC + 1 DI	1			1	Evkey, Energy saving, Modbus	•			•
LF: 3445515 GEV: LF3445515	EV3122N7	230V	2 NTC/PTC + 1 DI	1		1		Evkey, Energy saving, Modbus	•	•	•	•
LF: 5088096 GEV: 378715	EV3B23N7	230V	2 NTC/PTC + 1 DI	1	1	1		Evkey, Energy saving, Modbus	•	•	•	•
LF: 3445516 GEV: LF3445516	EV3123N7	230V	2 NTC/PTC + 1 DI	1	1	1		Evkey, Energy saving, Modbus	•	•	•	•
LF: 3445517 GEV: 378631	EV3294N9	230V	2 NTC/PTC + 2 DI	1	1	1	1	Evkey, Energy saving, Modbus	•	•	•	•

Dimensions: 71x29x59 mm  
-50 to +150°C - 3 digits touchscreen

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) EVCO EVK ELECTRONIC CONTROLLERS



EVK

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445128 GEV: 378154	EVK203N7VXBS	230V	2 NTC/PTC	1	1	1		buzzer, TTL, Evkey	•	•	•	•
LF: 3445114 GEV: 378147	EVK211N3VXBS	12/24V AC/DC	1 NTC/PTC	1				buzzer, Evkey	•			•
LF: 3445113 GEV: 378148	EVK211N7VXBS	230V	1 NTC/PTC	1				buzzer, Evkey	•			•
LF: 3445081 GEV: LF3445081	EVK411P3VHBS	12/24V AC/DC	1 PTC	1				buzzer, Evkey	•			•
LF: 7108311 GEV: LF7108311	EVK411P7EHBS	230V	1 NTC/PTC	1				buzzer, TTL, Modbus	•			•
LF: 2103961 GEV: LF2103961	EVK422P7VXBS	230V	1 NTC/PTC	1			1	Milk	•			•
LF: 5075304 GEV: LF5075304	EVK802P7E	230V	2 NTC/PTC + 1 DI	1		1			•	•	•	•
LF: 5060463 GEV: 378484	EVK802P7VXS	230V	2 PTC + 1 DI	1		1			•	•	•	•
LF: 3445118 GEV: 378149	EVK212N3VXBS	12/24V AC/DC	2 NTC/PTC + 1 DI	1		1		buzzer, TTL, Evkey	•	•	•	•
LF: 2102271 GEV: LF2102271	EVK253P3VXS	12/24V AC/DC	3 PTC	1	1	1		buzzer, TTL, Evkey	•	•	•	•
LF: 3445124 GEV: 378153	EVK213N3VXBS	12/24V AC/DC	2 NTC/PTC + 1 DI	1	1	1		buzzer, TTL, Evkey	•	•	•	•
LF: 3445408 GEV: LF3445408	EVK214N3VXBS	12/24V AC/DC	2 NTC/PTC + 2 DI	1	1	1	1	RTC, HACCP, buzzer, TTL, Evkey, Energy saving	•	•	•	•
LF: 3445409 GEV: LF3445409	EVK214N9VXBS	115-230V	2 NTC/PTC + 2 DI	1	1	1	1	RTC, HACCP, buzzer, TTL, Evkey, Energy saving	•	•	•	•

Dimensions: 71x29x65 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) EVCO EVK ELECTRONIC CONTROLLERS



EVK

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 2101966 GEV: LF2101966	EVK411N7VCBS	230V	1 NTC	1				buzzer, TTL, Evkey	•			•
LF: 5078139 GEV: LF5078139	EVK231N7	230V	1 NTC + 1 DI	1				buzzer, TTL, Evkey	•			•
LF: 5074685 GEV: LF5074685	EVK802N7	230V	2 NTC + 1 DI	1		1		buzzer, TTL, Evkey	•	•	•	•
LF: 2106221 GEV: 379502	EVK213N2VXBS	12V - AC/ DC	2 NTC + 1 DI	1	1	1		buzzer, TTL, Evkey	•	•	•	•
LF: 7117490 GEV: LF7117490	EVK223N7XXS	230V	2 NTC + 1 DI	1	1	1		buzzer, TTL, Evkey	•	•	•	•

Dimensions: 71x29x65 mm  
-40 to +105°C - 3 digits

### (PANEL) DANFOSS MR ELECTRONIC CONTROLLERS



MR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7151241 GEV: LF7151241	MR51PM230-1CA	230V	1 NTC/PTC	1			1		•			•
LF: 7151242 GEV: LF7151242	MR53PM230-1CA	230V	2 NTC/PTC + 1 DI	1	1	1		2 probes included	•	•	•	•
LF: 7151339 GEV: LF7151339	MR54PM230-1CA	230V	3 NTC/PTC + 2 DI	1	1	1	1	1 probe included	•	•	•	•

Dimensions: 71x29x70 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) KIOUR REF ELECTRONIC CONTROLLERS

## KIOUR



REF

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445433 GEV: 379493	REF-FR-SM	12V - AC/DC	2 PTC + 2 DI	1	1	1	2		•	•	•	•
LF: 3445434 GEV: 379494	REF-DF-SM	230V	1 PTC + 1 DI	1	1		1		•			•

Dimensions: 71x29x60 mm  
-40 to +150°C - 3 digits

### (PANEL) LAE AT/AD/AR ELECTRONIC CONTROLLERS



AT/AD/AR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445234 GEV: 378419	AT1-5AS1E-G	230V	1 NTC/PTC	1				buzzer	•			•
LF: 3445485 GEV: LF3445485	AT1-5AS5E-AG	230V	1 NTC/PTC	1				buzzer	•			•
LF: 3445286 GEV: 378681	AT1-5BS6E-AG	230V	2 NTC/PTC + 1 DI	1			1		•			•
LF: 3445374 GEV: 378420	AT1-5AS2E-G	230V	1 NTC/PTC	1			1		•			•
LF: 3445261 GEV: LF3445261	AT1-5BS2E-BG	230V	2 NTC/PTC + 1 DI	1			1	RS485	•			•
LF: 2102845 GEV: LF2102845	AT1-5BQ4E-BG	230V	2 NTC/PTC + 1 DI	1			1	removable terminal block	•			•
LF: 3445235 GEV: 379764	AT2-5BS4E-AG	230V	2 NTC/PTC + 1 DI	1	1		1	buzzer	•	•	•	•
LF: 5062603 GEV: 344007	AD2-5C14W-1FT	115/230V	3 NTC/PTC + 2 DI	1	1	1	1		•	•	•	•
LF: 2102320 GEV: LF2102320	AD2-5C24W-AG	115/230V	3 NTC/PTC + 2 DI	1	1	1	1	TTL	•	•	•	•
LF: 5057758 GEV: LF5057758	AD2-5C24W-BG	115/230V	3 NTC/PTC + 2 DI	1	1	1	1	RS485	•	•	•	•
LF: 3445397 GEV: 379760	AR2-5C24W-BG	115/230V	3 NTC/PTC + 2 DI	1	1	1	1	RTC, buzzer, RS485	•	•	•	•

Dimensions: 71x29x70 mm - TTL output  
-50 to +150°C - 3 digits



# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) LAE CDC/XDC ELECTRONIC CONTROLLERS



CDC/XDC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445285 GEV: 378667	XDC123T1R8F	12V - AC	3 PTC	1		1			•	•	•	•
LF: 3445284 GEV: LF3445284	CDC123T1R4F	12V - AC	3 PTC	1		1	1		•	•	•	•
LF: 3445282 GEV: LF3445282	CDC123T1R3F	12V - AC	3 PTC	1	1	1	1		•	•	•	•
LF: 3445283 GEV: LF3445283	CDC123T1R3L	12V - AC	3 PTC	1	1	1	1	RS485	•	•	•	•

Dimensions: 71x29x70 mm - TTL output  
-50 to +150°C - 3 digits

### (PANEL) LAE LTR ELECTRONIC CONTROLLERS



LTR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 2102285 GEV: LF2102285	LTR-5CSRE-AC	230V	1 NTC/PTC	1					•			•
LF: 2102284 GEV: 378682	LTR-5TSRD-A	12V - AC/DC	1 NTC/PTC	1					•			•

Dimensions: 71x29x70 mm - TTL output  
-40 to +125°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) PEGO CDC/XDC ELECTRONIC CONTROLLERS



CDC/XDC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445285 GEV: 378667	XDC123T1R8F	12V - AC	3 PTC	1		1			•	•	•	•
LF: 3445284 GEV: LF3445284	CDC123T1R4F	12V - AC	3 PTC	1		1	1		•	•	•	•
LF: 3445282 GEV: LF3445282	CDC123T1R3F	12V - AC	3 PTC	1	1	1	1		•	•	•	•
LF: 3445283 GEV: LF3445283	CDC123T1R3L	12V - AC	3 PTC	1	1	1	1	RS485	•	•	•	•

Dimensions: 71x29x70 mm - TTL output  
-50 to +150°C - 3 digits

### (PANEL) PEGO NANO ELECTRONIC CONTROLLERS

**NEW**



NANO

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5078602 GEV: LF5078602	200NANO1LT01GR	230V	1 NTC/PTC	1					•			•
LF: 5141292 GEV: LF5141292	200NANO1LT11BL	12V - AC/DC	1 NTC/PTC	1					•			•
LF: 5141293 GEV: LF5141293	200NANO3CF01GR	230V	2 NTC/PTC + 1 DI	1	1	1		buzzer, Telenet, Modbus-RTU	•			•

Dimensions: 71x29x59 mm  
-45 to +99°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) SHANGFANG SF ELECTRONIC CONTROLLERS

#### SHANGFANG



SF

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445598 GEV: 402156	SF-821	230V	1 NTC	1						•			•
LF: 3445599 GEV: 403705	SF-101	230V	1 NTC	1				1 probe included		•			•

Dimensions: 71x29x60 mm  
-45 to +100°C - 3 digits

### (PANEL) AKO 10XXX ELECTRONIC CONTROLLERS

#### AKO



10XXX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 7128570 GEV: 379861	10123	230V	2 NTC + 2 DI	1			1	1 NTC probe included		•			•
LF: 7111103 GEV: 379863	10323	230V	2 NTC + 2 DI	1	1	1	1	1 NTC probe included	•	•	•		•

Dimensions: 150x31x58 mm  
-40 to +110°C - 3 digits

### (PANEL) ASCON TECNOLOGIC TLW ELECTRONIC CONTROLLERS



TLW

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445193 GEV: LF3445193	TLW24RRR	230V	2 NTC/PTC + 1 DI	1	1	1	1			•	•		•

Dimensions: 150x31x78 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) DIXELL XW ELECTRONIC CONTROLLERS



XW

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445178 GEV: 378222	XW20LS-5N0C1	230V	1 NTC/PTC	1			1	short depth 48 mm	•			•
LF: 3445180 GEV: 378228	XW20L-5N0C1	230V	1 NTC/PTC + 1 DI	1			1		•			•
LF: 3445449 GEV: 378703	XW20LR-5N0C0	230V	2 NTC/PTC + 1 DI	1			1	short depth 40 mm	•			•
LF: 5075191 LF5075191	XW20LS-5N6C3-W	230V	2 NTC	1			1	short depth 48 mm	•			•
LF: 3445257 GEV: 378388	XW220L-5N0C1	230V	2 NTC + 2 DI	1			1		•			•
LF: 3445322 GEV: 378389	XW230L-5N0C0	230V	2 NTC/PTC + 2 DI	1			3		•			•
LF: 2104028 GEV: LF2104028	XW30LS-5N0C1	230V	1 NTC	1	1		1	short depth 48 mm	•			•
LF: 3445197 GEV: 402193	XW30L-00000	230V	2 NTC/PTC	1	1		1	short depth 48 mm	•			•
LF: 3445230 GEV: 379655	XW40L-5N0C1	230V	2 NTC/PTC + 1 DI	1		1	1		•	•	•	•
LF: 3445236 GEV: 378387	XW40LS-5N0C1	230V	2 NTC/PTC + 1 DI	1		1	1	short depth 48 mm	•	•	•	•
LF: 3445179 GEV: 378223	XW60LS-5N0C1	230V	2 NTC/PTC	1	1	1		short depth 48 mm	•	•	•	•
LF: 5075984 GEV: LF5075984	XW30L-5N0C0-N	230V	2 NTC/PTC + 1 DI	1	1	1			•	•	•	•
LF: 3445181 GEV: 378229	XW60L-5N0C1	230V	2 NTC/PTC + 1 DI	1	1	1	1		•	•	•	•
LF: 5063222 GEV: 378689	XW60L-5N0C0	230V	3 NTC + 2 DI	1	1	1	1		•	•	•	•
LF: 3445450 GEV: LF3445450	XW60LR-5N0C0	230V	3 NTC/PTC + 2 DI	1	1	1	1	short depth 40 mm	•	•	•	•
LF: 3445231 GEV: 381580	XW260L-5N0C5	230V	3 NTC/PTC + 2 DI	1	1	1	1	X-Rep, RS485	•	•	•	•
LF: 3445251 GEV: 378386	XW264L-5N0C5	230V	3 NTC + 2 DI	1	1	2	2		•	•	•	•
LF: 7107867 GEV: 404134	XW70L-5N0C1	230V	3 NTC/PTC + 2 DI	1	1	1	2		•	•	•	•
LF: 7105111 GEV: LF7105111	XW270L-5N0C0	230V	3 NTC + 2 DI	1	1	1	3		•	•	•	•
LF: 3445396 GEV: 381408	UNIVERSAL R4	12-230V AC/DC	2 NTC/PTC + 2 DI	1	1	1	1		•	•	•	•
LF: 3445487 GEV: LF3445487	XB570L-5R0C1-X	230V	5 NTC + 2 DI	1	1	1	3	RTC, RS485	•	•	•	•
LF: 3445310 GEV: 378456	XB570L-5N1C1-X	230V	5 NTC + 2 DI	1	1	1	2	RTC, X-Rep, RS485, printer output	•	•	•	•
LF: 3445237 GEV: LF3445237	XW271L-5N0C1	230V	3 NTC + 2 DI	1	1	1	3		•	•	•	•

Dimensions: 150x31x76 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) DIXELL XW ELECTRONIC CONTROLLERS

**dixell**<sup>®</sup>



XW

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445453 GEV: LF3445453	XW20L- RH-5N0C0-D	230V	2 NTC/PTC + 2 DI	1			1	touch screen, short depth 40 mm	•			•
LF: 5066444 GEV: 378526	XW30L- RH-5N1D0-D	230V	2 NTC/PTC + 2 DI	1	1		1	touch screen, short depth 40 mm	•			•
LF: 3445521 GEV: 378735	XW60LH- 5N6C1-D	230V	2 NTC/PTC + 1 DI	1	1	1	1	touch screen	•	•	•	•
LF: 3445454 GEV: LF3445454	XW60L- RH-5N0C0-D	230V	3 NTC/PTC + 2 DI	1	1	1	1	touch screen, short depth 40 mm	•	•	•	•
LF: 5088030 GEV: LF5088030	XW70LT- 5N7W0-R	230V	3 NTC + 2 DI	1	1	1	2	touch screen	•	•	•	•

Dimensions: 150x31x76 mm touch screen  
-50 to +150°C - 3 digits

### (PANEL) ELIWELL IWC ELECTRONIC CONTROLLERS

**eliwell**  
by Schneider Electric



IWC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5069491 GEV: LF5069491	IWC730	230V	2 NTC + 1 DI	1	1	1			•	•	•	•
LF: 3445078 GEV: 378139	IWC750	230V	2 NTC + 1 DI	1	1	1	2		•	•	•	•
LF: 3445079 GEV: LF3445079	IWC720 SHORT	230V	1 NTC + 1 DI	1			1	depth 45 mm	•			•
LF: 3445085 GEV: 378141	IWC730 SHORT	230V	2 NTC + 1 DI	1	1	1		depth 45 mm	•	•	•	•

Dimensions: 150x31 mm - TTL input for copy card  
-55 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) EVCO EVS ELECTRONIC CONTROLLERS



EVS

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445100 GEV: 378360	EVS212N7F	230V	1 NTC/PTC + 1 DI	1			1	TTL, RS485	•			•
LF: 3445102 GEV: 378156	EVS214N7F	230V	2 NTC/PTC + 2 DI	1	1	1	1	TTL, RS485	•	•	•	•

Dimensions: 150x31x90 mm  
-50 to +150°C - 3 digits

### (PANEL) LAE LCD ELECTRONIC CONTROLLERS



LCD

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5034121 GEV: 378184	LCD32Q4E-C	230V	2 NTC + 2 DI	1	1	1	1	buzzer, RS485	•	•	•	•
LF: 3445447 GEV: 378695	LCD32S4E-C	230V	2 NTC + 2 DI	1	1	1	1	RTC, buzzer, RS485	•	•	•	•

Dimensions: 150x31x75 mm  
-30 to +50°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) DIXELL XW ELECTRONIC CONTROLLERS

**dixell®**



XW

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445182 GEV: 378377	XW20VS-5N0CO	230V	2 NTC + 1 DI	1			1			•			•
LF: 3445300 GEV: 378422	XW60VS-5N0CO	230V	3 NTC/PTC + 1 DI	1	1	1				•	•	•	•
LF: 3445299 GEV: LF3445299	XW35VS-5N0CO	230V	2 NTC/PTC + 1 DI	1	1	1				•			•
LF: 3445301 GEV: 378423	XW60V-5N0C1	230V	2 NTC + 1 DI	1	1	1	1	depth = 59 mm		•	•	•	•

Dimensions: 72x56x40 mm  
-50 to +150°C - 3 digits

### (PANEL) AKO D10XXX ELECTRONIC CONTROLLERS

**AKO**



D10XXX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445532 GEV: 378310	D10123	230V	1 NTC + 2 DI	1				2 switches ON/OFF					•
LF: 3445548 GEV: 378427	D10223	230V	1 NTC + 2 DI	1	1	1		2 switches ON/OFF	•	•	•		•

Dimensions: 136x29x43 mm  
-40 to +110°C - 3 digits

### (PANEL) AKO 13XXX ELECTRONIC CONTROLLERS

**AKO**



13XXX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445534 GEV: 379358	13123	230V	1 NTC	1						•			•

Dimensions: 58x25,5x47,5 mm  
-40 to +110°C - 2 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (PANEL) CAREL PB00 ELECTRONIC CONTROLLERS



PB00

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445221 GEV: LF3445221	PB00Y0EV30	230V	2 NTC + 2 DI	1	1	1			•	•	•	•
LF: 7103785 GEV: 378652	PB00H0HB00	230V	2 NTC + 2 DI	1	1	1	2	IR sensor, RTC	•	•	•	•
LF: 3445349 GEV: LF3445349	PB00H0HN00	115/230V	2 NTC + 2 DI	1	1	1	2		•	•	•	•
LF: 3445223 GEV: LF3445223	PB00S0SA50	230V	2 NTC + 2 DI	1			1	short depth 40 mm	•		•	•
LF: 3445220 GEV: 378479	PB00S0EA00	230V	2 NTC + 2 DI	1			1		•		•	•
LF: 3445222 GEV: LF3445222	PB00C0HND0	230V	2 NTC + 2 DI	1	1	1	1		•	•	•	•
LF: 3445258 GEV: 378480	PB00F0HA00	115/230V	2 NTC + 2 DI	1	1	1	1		•	•	•	•
LF: 3445373 GEV: LF3445373	PB00C0HN00	115/230V	2 NTC + 2 DI	1	1	1	1		•	•	•	•
LF: 3445218 GEV: LF3445218	PB00C0SN30	230V	2 NTC + 2 DI	1	1	1	1	short depth 45 mm	•	•	•	•
LF: 3445224 GEV: LF3445224	PB00S0SAFA	230V	2 NTC + 2 DI	1			1	short depth 40 mm	•		•	•
LF: 3445219 GEV: LF3445219	PB00C0SNFA	230V	2 NTC + 2 DI	1	1	1	1	short depth 40 mm	•	•	•	•

Dimensions: 138,5x29x64 mm  
-40 to +150°C - 3 digits

### (PANEL) EVCO EVJ ELECTRONIC CONTROLLERS

**NEW**



EVJ

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445549 GEV: LF3445549	EVJ805P9VX3	115-230V	2 NTC/PTC + 2 DI	1	2	1	1	RTC, HACCP, Programs, Bluetooth	•	•	•	•
LF: 7188852 GEV: LF7188852	EVJ204N7	230V	2 NTC/PTC + 2 DI	1	1	1	1	RTC, HACCP, Programs, Bluetooth	•	•	•	•
LF: 7188851 GEV: LF7188851	EVJ205N7	230V	2 NTC/PTC + 2 DI	1	1	1	2	RTC, HACCP, Programs, Bluetooth	•	•	•	•

Dimensions: 107,6x72,6x48,5 mm  
-50 to +150°C - touch screen



# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (PANEL) EVCO EVR ELECTRONIC CONTROLLERS



EVR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445404 GEV: LF3445404	EVR202N7V	230V	2 NTC/PTC + 1 DI	1			1	buzzer, TTL, Modbus	•			•
LF: 3445483 GEV: LF3445483	EVR203N7VXX02	230V	2 NTC/PTC + 1 DI	1	1	1		buzzer, TTL, Modbus	•	•	•	•
LF: 3445405 GEV: 378357	EVR204N7	230V	2 NTC/PTC + 2 DI	1	1	1	1	buzzer, TTL, Modbus	•	•	•	•

Dimensions: 138x29x44 mm  
-50 to +150°C - 3 digits - Energy saving

### (PANEL) EUREMA TE ELECTRONIC CONTROLLERS



TE

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445293 GEV: 378471	TE11E	230V	1 PTC	1					•			•

Dimensions: 58x25,5x82 mm  
-50 to +50°C - 2 digits

### (PANEL) STORK-TRONIC ST64 ELECTRONIC CONTROLLERS

## STORK-TRONIC



ST64

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445091 GEV: 379305	ST64-31.10P	230V	1 PTC	1					•			•

Dimensions: Ø 60x62 mm  
-50 to +140°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (WALL) AKO D14XXX ELECTRONIC CONTROLLERS

**AKO**



D14XXX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445166 GEV: 378042	D14610	230V	1 NTC/PTC	1				1 NTC probe included	•			•

Dimensions: 171x94x42 mm  
-50 to +150°C - 3 digits

### (WALL) ASCON TECNOLOGIC W09 ELECTRONIC CONTROLLERS



W09

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445306 GEV: 378233	W09HRB	100-240V	1 NTC/PTC	1				buzzer	•			•
LF: 3445307 GEV: 378234	W09YHRRRB	100-240V	2 NTC/PTC + 1 DI	1	1	1		buzzer	•	•	•	•

Dimensions: 122x75x34 mm  
-50 to +150°C - 2,5 digits

### (WALL) CAREL MASTERCELLA ELECTRONIC CONTROLLERS



MASTERCELLA

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445229 GEV: 378176	MD33D5EN00	230V	2 NTC/PTC + 3 DI	1	1	1	2		•	•	•	•
LF: 3445214 GEV: 378146	MD33D5FB00	230V	2 NTC/PTC + 3 DI	1	1	1	2	IR sensor, RTC, HACCP	•	•	•	•
LF: 3545005 GEV: LF3545005	WE00S1EN00	230V	2 NTC + 3 DI	1				buzzer, MDBus serial	•			•

Dimensions: 192x234x90 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (DIN) DIXELL XW ELECTRONIC CONTROLLERS

**dixell**<sup>®</sup>



XLR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445168 GEV: 378525	XLR170	230V	3 NTC/PTC + 2 DI	1	1	1	3		•	•		•

Dimensions: 230x210x87 mm  
-50 to +150°C

### (WALL) ELIWELL EWRC ELECTRONIC CONTROLLERS

**eliwell**  
by Schneider Electric



EWRC

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3545002 GEV: 378713	EWRC300	230V	3 NTC/PTC + 2 DI	1	1	1	2	RS485, Buzzer	•	•	•	•
LF: 3545007 GEV: 378447	EWRC500	230V	3 NTC/PTC + 2 DI	1	1	1	2	RTC, RS485, HACCP, Calendar, Buzzer	•	•	•	•
LF: 3545003 GEV: 378316	EWRC500	230V	3 NTC/PTC + 2 DI	1	1	1	2	RS485, Buzzer, DIN slot	•	•	•	•
LF: 3545004 GEV: 378406	EWRC500	230V	3 NTC/PTC + 2 DI	1	1	1	2	RTC, RS485, HACCP, Calendar, Buzzer, DIN Slot	•	•	•	•

Dimensions: 221x318x107 mm  
-55 to +150°C - 3 digits

### (WALL) ELIWELL WM ELECTRONIC CONTROLLERS

**eliwell**  
by Schneider Electric



WM

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445158 GEV: 378217	WM961/A	230V	1 NT/PTC + 1 DI	1					•			•

Dimensions: 124x80x25 mm  
-55 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (WALL) ELIWELL 16523P ELECTRONIC CONTROLLERS



16523P

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3545009 GEV: 381519	16523P	230V	2 NTC + 2 DI	1	1	1	2	differential CB	•	•	•	•

Dimensions: 290x141x85 mm  
-40 to +140°C - 3 digits

### (WALL) ELIWELL AC1 ELECTRONIC CONTROLLERS



AC1

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445292 GEV: 379443	AC1-2WTQ2RE-B	230V	1 NTC/PTC	1			1		•			•

Dimensions: 110x75x55 mm  
-50 to +150°C - 3 digits

### (WALL) EVCO EVBOX ELECTRONIC CONTROLLERS



EVBOX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7188889 GEV: LF7188889	EVBOX1204N9	115-230V	3 NTC/PTC + 2 Config + 1 DI	1	1	1	1		•	•	•	•
LF: 7188888 GEV: LF7188888	EVBOX1206N9	115-230V	3 NTC/PTC + 2 Config + 1 DI	1	1	1	3	differential CB	•	•	•	•

Dimensions: 262x179x96 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (WALL) EVCO ASQX ELECTRONIC CONTROLLERS



ASQX

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7188890 GEV: LF7188890	ASQX214000	230V	3 NTC/PTC + 1 Config + 1 DI	1	1	1	1		•	•	•	•

Dimensions: 240x97x67 mm  
-50 to +150°C - 3 digits

### (WALL) EVCO ASQK ELECTRONIC CONTROLLERS



ASQK

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7188892 GEV: LF7188892	ASQKB31000	230V	1 NTC/PTC + 1 DI	1				2 switches ON/OFF	•			•
LF: 7188891 GEV: LF7188891	ASQKB33000	230V	2 NTC/PTC + 1 DI	1	1	1		2 switches ON/OFF	•	•	•	•

Dimensions: 240x97x67 mm  
-50 to +150°C - 3 digits

### (WALL) PEGO ECP ELECTRONIC CONTROLLERS



ECP

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445341 GEV: 378692	ECP 202 EXPERT	230V	2 NTC + 2 DI	1	1	1	3	pump-down, RS485, dif				•
LF: 3445340 GEV: LF3445340	ECP 200 BASE 4	230V	2 NTC + 2 DI	1	1	1	1	buzzer, RS485				•
LF: 3445350 GEV: LF3445350	ECP 208	230V	2 NTC + 2 DI	1	1	1	3	pump-down, RS485, 2 switches ON/OFF				•
LF: 3445339 GEV: LF3445339	ECP 200 BASE 2	230V	2 NTC + 2 DI	1	1	1	1	pump-down, RS485, 2 switches ON/OFF				•

Dimensions: 263x180x96 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (DIN) AKO AKOTIM ELECTRONIC CONTROLLERS

**AKO**



AKOTIM

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445542 GEV: 379361	AKOTIM-23TE	230V	3 NTC + 1 DI	1	1	1		1 NTC probe included	•	•	•	•
LF: 7106824 GEV: 379382	AKOTIM-23ARTE	230V	3 NTC + 1 DI	1			1	1 NTC probe included	•			•

Dimensions: 70x90x58 mm  
-50 to +100°C - 3 digits

### (DIN) ASCON TECNOLOGIC TLY ELECTRONIC CONTROLLERS



TLY

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7102380 GEV: 379501	TLY35HSR	100-240V	2 NTC/PTC + 1 DI	1	1	1	1		•	•	•	•

Dimensions: 84x70x60 mm  
-50 to +150°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (DIN) CAREL MPXPRO ELECTRONIC CONTROLLERS

NEW

# CAREL



MPXPRO

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5109938 GEV: 378785	MX30M25H00	115/ 230V	3 NTC/PTC/Pt1000 3 NTC/PTC/Pt1000/V/DI 1 NTC/PTC/Pt1000/V/mA/DI 1 DI	1	1	1	1	2 PWM outputs, LAN, RS485, RTC	•	•	•	•
LF: 3445556 GEV: 378787	MX10M00E11	115/ 230V	3 NTC/PTC/Pt1000 3 NTC/PTC/Pt1000/V/DI 1 NTC/PTC/Pt1000/V/mA/DI 1 DI	1	1	1	1	Light Version (only Output Power Relays)	•	•	•	•
LF: 3445553 GEV: 378784	MX30M21H00	115/ 230V	3 NTC/PTC/Pt1000 3 NTC/PTC/Pt1000/V/DI 1 NTC/PTC/Pt1000/V/mA/DI 1 DI	1	1	1	1	2 PWM outputs	•	•	•	•
LF: 3445554 GEV: 378786	MX30M24H00	115/ 230V	3 NTC/PTC/Pt1000 3 NTC/PTC/Pt1000/V/DI 1 NTC/PTC/Pt1000/V/mA/DI 1 DI	1	1	1	1	2 PWM outputs, PWM Driver	•	•	•	•

### (DIN) CAREL DN33 (IR33) ELECTRONIC CONTROLLERS

# CAREL



DN33 (IR33)

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445213 GEV: LF3445213	DN33C0LB00	12/24V AC/DC	2 NTC + 3 DI	1	1	1	1	IR sensor, RTC	•	•	•	•
LF: 3445202 GEV: LF3445202	DN33F0ET00	230V	2 NTC + 3 DI	1	1	1	1	IR sensor, RTC	•	•	•	•
LF: 3445212 GEV: LF3445212	DN33S0EN00	230V	1 NTC	1		1	1		•	•	•	•

Dimensions: 110x70x60 mm  
-40 to +110°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (WALL) DIXELL XW ELECTRONIC CONTROLLERS

**dixell**<sup>®</sup>



XR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445368 GEV: LF3445368	XR20D-5N0C1	230V	1 NTC/PTC + 1 DI	1									
LF: 3445369 GEV: LF3445369	XR30D-5N0C1	230V	1 NTC/PTC + 1 DI	1			1						
LF: 3445370 GEV: LF3445370	XR40D-5P0C1	230V	2 NTC/PTC + 1 DI	1		1							
LF: 3445371 GEV: 381567	XR60D-5N0C1		2 NTC/PTC + 1 DI	1	1	1							
LF: 3445372 GEV: LF3445372	XR160D-5N0C1	230V	3 NTC/PTC + 2 DI	1	1	1		buzzer, RS485					
LF: 7110956 GEV: LF7110956	XR80D-5P0C1	230V	1 NTC/PTC + 1 DI	1			1	milk application					

Dimensions: 140x110x48 mm - TTL  
-40 to +110°C - 3 digits

### (DIN) ELIWELL EWDR ELECTRONIC CONTROLLERS

**eliwell**  
by Schneider Electric



EWDR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended				
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room	
LF: 3445069 GEV: 378205	EWDR981	230V	2 NTC/PTC + 2 DI	1			1						
LF: 3445071 GEV: 378696	EWDR983	230V	3 NTC/PTC + 2 DI	1			2						
LF: 3445526 GEV: 378206	EWDR985	230V	3 NTC/PTC + 2 DI	1			5						
LF: 2102027 GEV: 378378	EWDR983LX	230V	3 NTC/PTC + 2 DI	1			2	RTC, RS485					
LF: 3445072 GEV: 378379	EWDR985LX	230V	3 NTC/PTC + 2 DI	1			4	RTC, RS485					

Dimensions: 70x85x61 mm  
-55 to +150°C - 3 digits



# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (DIN) JOHNSON CONTROLS MR ELECTRONIC CONTROLLERS



MR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 7151284 GEV: LF7151284	MR55DR230-1CA	230V	1 NTC + 1 DI	1	1	1	1	1 probe included	•	•	•	•

Dimensions: 71x98x87 mm  
-50 to +110°C - 3 digits

### (DIN) LAE BR1 ELECTRONIC CONTROLLERS

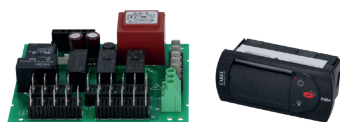


BR1

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445493 GEV: LF3445493	BR1-27C1S5W-B	115-230V	3 NTC + 2 DI	1	1	1	2	RTC, DSY, RS485	•	•	•	

Dimensions: 97x71x61 mm  
-50 to +110°C - 3 digits

### (MODULAR) CAREL PJEZ ELECTRONIC CONTROLLERS



EVCM

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5087242 GEV: LF5087242	PJEZC8I040	230V	2 NTC + 1 DI	1	1	1	1		•	•	•	•

Dimensions: display 71x29 mm - PCB 117x98 mm  
-40 to +140°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK,

## REFRIGERAZIONE, REFRIGERACION

### (MODULAR) CAREL POWERSPLIT ELECTRONIC CONTROLLERS

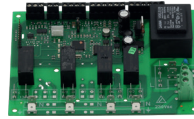
# CAREL



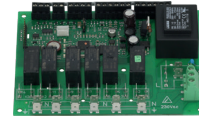
PST01VR100



PST00LR200



PSB0000000



PSB0001100



CABLE

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3390390 GEV: LF3390390	PST01VR100	230V	display					71x29 mm	•	•	•	•
LF: 2101052 GEV: LF2101052	PST00LR200	230V	control & display					138x29 mm				
LF: 2102797 GEV: LF2102797	PSB0000000	230V	3 NTC + 3 DI	1	1	1	1			•	•	•
LF: 5064671 GEV: LF5064671	PSB0001100	230V	3 NTC + 3 DI	1	1	1	3	HACCP, RTC, LAN, RS485				
LF: 5068526 GEV: LF5068526			connexion cable					1500 mm				
LF: 5090596 GEV: LF5090596			connexion cable					3000 mm				

Dimensions: PCB 155x115 mm  
-40 to +140°C - 3 digits

### (MODULAR) DIXELL CX, T, V, XW-K ELECTRONIC CONTROLLERS

# dixell®



CX



T



V



XW

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5068548 GEV: 378640	CX620-000N0	230V	control & display					71x29x18 mm	•	•	•	•
LF: 3445245 GEV: 379658	T620-000C0	230V	control & display					150x31 mm				
LF: 5052544 GEV: 378278	T640-000C0	230V	control & display					150x31 mm				
LF: 3445348 GEV: 378442	T820-000C0	230V	control & display					150x31 mm				
LF: 7100498 GEV: 381591	T821-000C0	230V	control & display					150x31 mm				
LF: 5074970 GEV: LF5074970	V620-100C0	230V	control & display					72x56 mm				
LF: 5072143 GEV: 378555	XW60K-5N2C0	230V	4 NTC + 1 DI	1	1	1	1	TTL				

Dimensions: DIN module 140x110x48 mm  
-40 to +140°C - 3 digits

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (MODULAR) ELIWELLEWEM 243 / IS974LX ELECTRONIC CONTROLLERS



EWEM 243



IS974LX



Cable

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5061869 GEV: 378140	EWEM 243	230V	2 NTC/PTC	1	1	1	1		•	•	•	•
LF: 2102327 GEV: 378138	IS 974 LX	230V	1 DI									
LF: 2111317 GEV: 381400			connexion cable					3000 mm				
LF: 3445027 GEV: 379534			connexion cable					1000 mm				

Dimensions: display 71x29x30 mm - DIN module 70x85x53 mm  
-50 to +140°C - 3 digits

### (MODULAR) EVCO EVR ELECTRONIC CONTROLLERS



EVR

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recommended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 3445484 GEV: LF3445484	EVRS204N9VXB	230V	2 NTC/PTC + 3 DI	1	1	1	1	TTL, Energy saving, Modbus	•	•	•	•
LF: 7188855 GEV: LF7188855	EVR231N7	230V	1 NTC/PTC + 1 DI	1				TTL, Energy saving, Modbus	•			•
LF: 7188854 GEV: LF7188854	EVR234N7	115-230V	2 NTC/PTC + 1 DI	1	1	1	1	TTL, Energy saving, Modbus	•	•	•	•
LF: 7124595 GEV: LF7124595	EVT100	230V	remote display						•	•	•	•

Dimensions: touch screen display 138x29x28 mm  
PCB 134x108 mm

# REFRIGERATION

## REFRIGERATION, KÄLTETECHNIK, REFRIGERAZIONE, REFRIGERACION

### (MODULAR) EVCO EVCM ELECTRONIC CONTROLLERS

**NEW**



EVCM

Code	Model	Voltage	Input(s)	Output(s)				Feature(s)	Recomended			
				Comp.	Fan	Def.	Aux. Alm.		Pos. Dev.	Neg. Dev.	Blast Chiller	Cold Room
LF: 5143569 GEV: LF5143569	EVMC819P9E	115-230V	6 NTC/PTC + 4 DI	1			8	1 PWM output			•	•

VCOLOR819 - Blast chiller

(PANEL) AKO D14XXX ELECTRONIC CONTROLLERS

AKO



D14XXX

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7160462 GEV: 379926	D14724	12/24V AC/DC	1 NTC/PTC/Pt100/ TC(J,K)/mA + 1 DI	1	1		-200 to +1300°C		•		

Dimensions: 71x29x61 mm  
3 digits

(PANEL) ASCON TECNOLOGIC K38 ELECTRONIC CONTROLLERS



K38

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445194 GEV: LF3445194	K38-HERR	230V	1 NTC/PTC/TC(J,S)/mV	2			-200 to +1370°C		•	•	•
LF: 3445429 GEV: LF3445429	K38-FCR	12V - DC	1 Pt100/TC(J,K)/mV	1			-200 to +1370°C		•	•	•
LF: 3445020 GEV: 379486	K38-FCRR	12V - DC	1 Pt100/TC(J,K)/mV	2			-200 to +1370°C		•	•	•

Dimensions: 71x29x64 mm  
3 digits

(PANEL) ASCON TECNOLOGIC Y39 ELECTRONIC CONTROLLERS



Y39

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445510 GEV: LF3445510	Y39CHRRR	100-240V	2 NTC/PTC/Pt1000 + 1 DI	1	2		-70 to +400°C	RTC, buzzer	•		

Dimensions: 71x29x64 mm  
3 digits

# UNIVERSAL UNIVERSEL, UNIVERSELL, UNIVERSALE, UNIVERSAL

## (PANEL) DIXELL XT ELECTRONIC CONTROLLERS

**dixell**<sup>®</sup>



XT

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 5116563 GEV: 378008	XT110C-0C0KU	12V AC/DC	1 NTC/PTC/Pt100/ Pt1000/TC(J,K) + 1 DI	1			-200 to +1370°C		•		
LF: 7104270 GEV: 378220	XT110C-5C0TU	230V	1 NTC/PTC/Pt100/ TC(J,K) + 1 DI	1			-200 to +1370°C		•		

Dimensions: 71x29x64 mm  
3 digits

## (PANEL) ELIWELL IC PLUS ELECTRONIC CONTROLLERS

**eliwell**

by Schneider Electric



IC PLUS

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445327 GEV: 379605	ICPLUS915 PT100/TCJ/TCK	12V AC/DC	1 Pt100/TC(J,K) + 1 DI	1	1		-150 to +1350°C	TTL	•		
LF: 3445326 GEV: 379568	ICPLUS915 PT100/TCJ/TCK	230V	1 Pt100/TC(J,K) + 1 DI	1	1		-150 to +1350°C	TTL	•		
LF: 3445088 GEV: 379790	IC PLUS 915	12V AC/DC	1 NTC/PTC	1	1		-50 to +150°C	TTL	•		
LF: 3445089 GEV: 379832	IC PLUS 915	230	1 NTC/PTC	1	1		-50 to +150°C	TTL	•		
LF: 5116046 GEV: LF5116046	IC PLUS 915	12V AC/DC	1 mA/mV	1	1			TTL		•	•
LF: 3445044 GEV: 379830	IC PLUS 902 V/I	230V	1 mA/mV	1				TTL		•	•

Dimensions: 71x29x67 mm  
3 digits

(PANEL) EVCO EVK ELECTRONIC CONTROLLERS



EVK

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7105536 GEV: LF7105536	EVK411M3	12/24V AC/DC	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 2101788 GEV: 378134	EVK411M7VHBS	230V	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 5036703 GEV: 378282	EVK411J7VHBS	230V	1 TC(J)	1			-100 to +800°C	Evkey, buzzer	•		
LF: 2111394 GEV: 378270	EVK412P3VXBS	12/24V AC/DC	1 PTC	2			-50 to +150°C	Evkey, buzzer	•		
LF: 7188846 GEV: LF7188846	EVK412P7E	230V	1 NTC	2			-40 to +140°C	Evkey, buzzer	•		
LF: 3445076 GEV: 378131	EVK411M3E	12V AC/DC	1 NTC/PTC/TC(J,K)/ Pt100/Pt1000/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 3445291 GEV: LF3445291	EVK411M7E	230V	1 NTC/PTC/TC(J,K)/ Pt100/Pt1000/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 3445250 GEV: 378151	EVK412M3VXBS	12/24V AC/DC	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	2			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 5076669 GEV: 378152	EVK412M7VXBS	230V	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	2			-200 to +1300°C	Evkey, buzzer	•	•	•

Dimensions: 71x29x65 mm  
3 digits

(PANEL) EVCO EV3 ELECTRONIC CONTROLLERS

NEW



EV3

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445558 GEV: LF3445558	EV3412M3	12/24V AC/DC	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 5136263 GEV: LF5136263	EV3421M3	115/230V	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/mV	1			-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 3445559 GEV: LF3445559	EV3402P3	12/24V AC/DC	1 PTC	1	1		-50 to +150°C	Evkey, buzzer	•		
LF: 7188872 GEV: LF7188872	EV3411M3	12/24V AC/DC	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/ mV/DI	1	1		-200 to +1300°C	Evkey, buzzer	•	•	•
LF: 7188871 GEV: 378791	EV3411M7	230V	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)/mA/ mV/DI	1	1		-200 to +1300°C	Evkey, buzzer	•	•	•

Dimensions: 71x29x65 mm  
3 digits touchscreen

# UNIVERSAL UNIVERSEL, UNIVERSELL, UNIVERSALE, UNIVERSAL

## (PANEL) LAE AC1 ELECTRONIC CONTROLLERS



AC1

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 5115300 GEV: 378340	AC1-5PS1RD	12V AC/DC	1 Pt100	1			-100 to +850°C		•		
LF: 3445473 GEV: 379768	AC1-5TS2RW-B	110-230V	1 NTC/PTC	1	1		-50 to +150°C	RS485	•		
LF: 5128673 GEV: LF5128673	AC1-5JS1RW-A	115/230V	1 TC(J,K)	1	1		-100 to +800°C		•		
LF: 7106476 GEV: LF7106476	AC1-5TS2RW-A	115/230V	1 NTC/PTC	1	1		-50 to +150°C	TTL	•		

Dimensions: 71x29x70 mm - 3 digits

## (PANEL) ASCON TECNOLOGIC TLK72 ELECTRONIC CONTROLLERS



TLK72

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 5048536 GEV: 379228	TLK72HCRR---B	100-240V	1 Pt100/TC(J,K,S,R,T)/ mV + 1 DI	2			-200 to +1760°C	buzzer	•	•	•

Dimensions: 66,5x66,5x88 mm - 4 digits

## (PANEL) EVCO EV ELECTRONIC CONTROLLERS



EV

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 5130885 GEV: 378173	EV9411C6	24/230V	1 Pt100	1			-100 to +650°C	buzzer	•		
LF: 5082379 GEV: LF5082379	EV9411J6	24/230V	1 TC(J,K)	1			-100 to +800°C	buzzer	•		

Dimensions: 92x92x68 mm - 3 digits



(PANEL) EVCO EV ELECTRONIC CONTROLLERS



EV

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445141 GEV: LF3445141	EV7401J7	230V	1 NTC/PTC/Pt100/ Pt1000/TC(J,K)	1			-100 to +1150°C	buzzer	•		

Dimensions: 72x72x100 mm - 3 digits

(PANEL) EVCO EVJ ELECTRONIC CONTROLLERS

NEW



EVJ

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7188862 GEV: LF7188862	EVJ536N2	12V - AC	2 NTC/PTC + 1 Config + 1 DI	2	4		-50 to +150°C	RTC, HACCP, Programs, Bluetooth	•	•	•
LF: 7188861 GEV: LF7188861	EVJ506N2	12V - AC	2 NTC/PTC + 1 Config + 1 DI	2	4		-50 to +150°C	RTC, HACCP, Programs, Bluetooth	•	•	•

Dimensions: 107,6x72,6x48,5 mm - touch screen

(PANEL) LAE MTR ELECTRONIC CONTROLLERS



MTR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7105489 GEV: 379767	MTR-6T1RD	12V AC/DC	1 PTC	1			-50 to +150°C		•		

Dimensions: 58x25,5 mm - 3 digits

# UNIVERSAL UNIVERSEL, UNIVERSELL, UNIVERSALE, UNIVERSAL

## (PANEL) STORK-TRONIC ST64 ELECTRONIC CONTROLLERS

### STORK-TRONIC



ST64

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445455 GEV: 379304	ST64-31.10	230V	1 Pt100	1			-80 to +400°C		•		

Dimensions: Ø 60x62 mm  
3 digits

## (WALL) DIXELL XLR ELECTRONIC CONTROLLERS

NEW



XLR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445168 GEV: 378525	XLR170	230V	3 NTC/PTC + 1 Config + 1 DI	2	4		-50 to +150°C	TTL	•		•
LF: 5142054 GEV: LF5142054	XLR470	24/110/230V	4 NTC + 1 Config + 1 DI	2	6		-50 to +150°C	TTL	•		•

Dimensions: 230x210x87 mm

## (DIN) ELIWELL DR ELECTRONIC CONTROLLERS



DR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7150454 GEV: LF7150454	DR4010	90-240V	1 NTC/PTC/Pt100/Pt1000/TC(J,K,S,R,T)/mA/mV + 1 DI	1			-200 to +1300°C	1 PTC prob included, TTL	•	•	•
LF: 7150455 GEV: LF7150455	DR4020	90-240V	1 NTC/PTC/Pt100/Pt1000/TC(J,K,S,R,T)/mA/mV + 1 DI	1	1		-200 to +1300°C	1 PTC prob included, TTL	•	•	•

Dimensions: 70x85x61 mm  
3 digits

(DIN) LAE AC1 ELECTRONIC CONTROLLERS



AC1

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 3445472 GEV: 379766	AC1-27TS2RE-B	230V	1 NTC/PTC	2			-50 to +150°C	RS485	•		

Dimensions: 72x94x47 mm  
3 digits

(MODULAR) EVCO EVCM ELECTRONIC CONTROLLERS

NEW



EVCM

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)	Applications		
				CO	NO	0-10V PWM			Temp.	Press.	Hum.
LF: 7188881 GEV: LF7188881	EVCMC618N9E	115-230V	3 NTC/PTC + 1 mA + 3 DI + 1 Config	1	7	1	-50 to +150°C		•	•	•

VCOLOR618  
Retarding/proofig

# COOKING

## CUISSON, KOCHTECHNIK,

## COTTURA, COCCION

### (PANEL) ASCON TECNOLOGIC TLK38 ELECTRONIC CONTROLLERS



TLK38

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5140195 GEV: 379224	TLK38FCRR	12V - AC/DC	1 Pt100/TC(J,K)	2			-200 to +1760°C	

Dimensions: 71x29x64 mm  
3 digits

### (PANEL) ELIWELL IC PLUS ELECTRONIC CONTROLLERS



IC PLUS

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445327 GEV: 379605	IC PLUS 915	12V - AC/DC	1 Pt100/TC(J,K) + 1 DI	2			-150 to +1350°C	TTL
LF: 3445019 GEV: 379567	IC PLUS 902	24V - AC	1 Pt100/TC(J,K)	1			-150 to +1350°C	TTL
LF: 3445326 GEV: 379568	IC PLUS 915	230V	1 Pt100/TC(J,K)	1	1		-150 to +1350°C	TTL

Dimensions: 71x29x60 mm  
3 digits

### (PANEL) EVCO EVK ELECTRONIC CONTROLLERS



EVK

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445076 GEV: 378131	EVK411M2	12V - AC/DC	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)/mA/mV	1			-200 to +1370°C	Evkey, buzzer
LF: 3445073 GEV: 379017	EVK411J2	12V - AC/DC	1 TC(J)	1			0 to +600°C	Evkey, buzzer

Dimensions: 71x29x65 mm  
3 digits

(PANEL) LAE AC1 ELECTRONIC CONTROLLERS



AC1

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5115300 GEV: 378340	AC1-5PS1RD	12V - AC/DC	1 Pt100	1			-100 to +850°C	

Dimensions: 71x29x70 mm  
 3 digits

(PANEL) PIXSYS ATR ELECTRONIC CONTROLLERS

PIXSYS



ATR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445126 GEV: 375626	ATR111	12/24V AC/DC	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)/mA/mV	1		1	-99 to +999°C	
LF: 3445143 GEV: 379888	ATR111	230V	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)/mA/mV	1		1	-99 to +999°C	
LF: 3445198 GEV: 381309	ATR121	230V	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)/mA/mV	1	1	1	-99 to +999°C	

Dimensions: 71x29x54 mm  
 3 digits

(PANEL) ASCON TECNOLOGIC TLK48 ELECTRONIC CONTROLLERS



TLK48

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5141073 GEV: 379988	TLK48-HCR-----E	100-240V	1 Pt100/TC(J,K,S)	1			-200 to +850°C	

Dimensions: 45x45x98 mm  
 4 digits

# COOKING

## CUISSON, KOCHTECHNIK,

## COTTURA, COCCION

### (PANEL) JUMO ITRON ELECTRONIC CONTROLLERS



ITRON

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3442015 GEV: 379255	iTRON 16	20-53V AC/DC	1 Pt100//TC(J,K,S)/mA/mV + 1 DI	1	1		-200 to +1300°C	

Dimensions: 45x45x98 mm  
4 digits

### (PANEL) ELIWELL EW ELECTRONIC CONTROLLERS



EW

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5068431 GEV: 378202	EW7210	95-240V	1 TC(J,K)	1			-40 to +1600°C	
LF: 5066562 GEV: 378203	EW7210	95-240V	1 Pt100	1			-200 to +800°C	
LF: 2102869 GEV: 378204	EW7220	95-240V	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)	1	1		-200 to +1600°C	

Dimensions: 66,5x66,5x80 mm  
2x4 digits

### (PANEL) EVCO EV ELECTRONIC CONTROLLERS



EV

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445139 GEV: 378169	EV7401M6	24/230V	1 NTC/PTC/Pt100/TC(J,K)/ mA/mV	1			-100 to +1200°C	buzzer
LF: 3445147 GEV: 378170	EV7402M6	24/230V	1 NTC/PTC/Pt100/TC(J,K)/ mA/mV	2			-100 to +1200°C	buzzer
LF: 3445149 GEV: 378171	EV7611J6	24/230V	1 TC(J)	1			0 to +700°C	RTC, buzzer
LF: 3445148 GEV: LF3445148	EV7601J6	24/230V	1 TC(J,K)	1			0 to +1000°C	timer, buzzer

Dimensions: 66,5x66,5x90 mm  
4 digits

(PANEL) PIXSYS ATR ELECTRONIC CONTROLLERS

**PIXSYS**



ATR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3442012 GEV: 379857	ATR171	24-230V AC/DC	1 PTC/Pt100/TC(J,K,S) + 1 DI	1		1	-100 to +800°C	

Dimensions: 66,5x66,5x80 mm  
 4 digits

(PANEL) ASCON TECNOLOGIC TLK96 ELECTRONIC CONTROLLERS

**ASCON  
 TECNOLOGIC**



TLK96

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5152332 GEV: 379246	TLK96HCRR--S	100-240V	1 Pt100/TC(J,K)	2			-100 to +1600°C	buzzer

Dimensions: 90x90x60 mm  
 4 digits

# COOKING

CUISSON, KOCHTECHNIK,  
COTTURA, COCCION

## (PANEL) BRAINCHILD BTC404 ELECTRONIC CONTROLLERS

### BRAINCHILD



BTC404

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445589 GEV: 381269	41311000	90-264V	1 TC(J)	1			0 to +200°C	
LF: 7130579 GEV: 379839	41411000	90-264V	1 TC(J)	1			0 to +300°C	
LF: 5138459 GEV: 379840	41511000	90-264V	1 TC(J)	1			0 to +400°C	
LF: 3445588 GEV: 379841	41611000	90-264V	1 TC(J)	1			0 to +600°C	
LF: 3445590 GEV: 381273	43311000	90-264V	1 Pt100	1			0 to +200°C	
LF: 3445591 GEV: 381274	43411000	90-264V	1 Pt100	1			0 to +300°C	
LF: 3445592 GEV: 381275	43511000	90-264V	1 Pt100	1			0 to +400°C	
LF: 3445593 GEV: 381276	43611000	90-264V	1 Pt100	1			0 to +600°C	

Dimensions: 92x92x95 mm - 4 digits

## (PANEL) EVCO EV ELECTRONIC CONTROLLERS



EV

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 7188853 GEV: LF7188853	RK808LJ7	230V	2 TC(J,K) + 1 DI	2	3	1	-100 to +800°C	timer, buzzer
LF: 7117193 GEV: 378174	EV9412J6	24/230V	1 TC(J,K)	2		1	-100 to +800°C	timer, buzzer
LF: 3446087 GEV: LF3446087	EV9303J9	115/230V	1 TC(J,K) + 1 DI	1	2		0 to +700°C	timer, buzzer
LF: 7188856 GEV: LF7188856	EV9376J9	115/230V	2 TC(J,K) + 2 DI	2	4		-100 to +800°C	timer, buzzer
LF: 7188886 GEV: LF7188886	EV9326J9	115/230V	2 TC(J,K) + 1 DI	2	4		-100 to +800°C	timer, buzzer
LF: 7188859 GEV: LF7188859	EV9323J9	115/230V	2 TC(J,K) + 1 DI	1	2		-100 to +800°C	timer, buzzer
LF: 7188860 GEV: LF7188860	EV9313J9	115/230V	1 TC(J,K) + 1 DI	1	2		-100 to +1200°C	timer, delayed start, buzzer
LF: 2106233 GEV: LF2106233	EV9346J9	115/230V	2 TC(J,K) + 1 DI	2	4		-100 to +800°C	timer, programs, buzzer
LF: 7188885 GEV: LF7188885	EV9336J9	115/230V	2 TC(J,K) + 1 DI	2	4		-100 to +800°C	timer, delayed start, programs, buzzer
LF: 7188858 GEV: LF7188858	EV9326J4	24V - AC	2 TC(J,K) + 1 DI	2	4		-100 to +800°C	timer, buzzer
LF: 7188857 GEV: LF7188857	EV9336J4	24V - AC	2 TC(J,K) + 1 DI	2	4		-100 to +800°C	timer, delayed start, programs, buzzer

Dimensions: 92x92x68mm - 3 digits + clock



(PANEL) HONEYWELL DC10 ELECTRONIC CONTROLLERS

**Honeywell**



DC10

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 7103034 GEV: LF7103034	DC1040PT	85-265V	1 Pt100//TC/mA/mV	1	1	1	0 to +400°C	

Dimensions: 92x92x70 mm  
 2x4 digits

(PANEL) JUMO ITRON ELECTRONIC CONTROLLERS

**JUMO**



ITRON

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445596 GEV: 400989	iTRON 04	110-240V	1 Pt100//TC(J,K,S)/mA/mV	3			-200 to +1300°C	

Dimensions: 92x92x68 mm  
 4 digits

(PANEL) MCI AC1 ELECTRONIC CONTROLLERS

**MCI**



AC1

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5142569 GEV: LF5142569	TCE3-L	24V AC/DC	1 Pt100/TC(J,K,E)	1	1	1	-99 to +999°C	
LF: 5142568 GEV: LF5142568	TCE3-L	110-240V	1 Pt100/TC(J,K,E)	1	1	1	-99 to +999°C	

Dimensions: 96x96 mm  
 3 digits

# COOKING

## CUISSON, KOCHTECHNIK,

## COTTURA, COCCION

### (PANEL) EVCO EV ELECTRONIC CONTROLLERS

**NEW**



EV

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5127633 GEV: 378789	EV8318J9	115/230V	3 Pt100/Pt100/TC(J,K)/mA/ mV/DI + 1 DI	1	7		-100 to +1200°C	RTC, delayed start, programs, buzzer

Dimensions: 138x67x77 mm  
3 displays

### (PANEL) EVCO EK ELECTRONIC CONTROLLERS



EK

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445137 GEV: 378178	EK354AJ7	230V	2 TC(J,K)		6		-100 to +800°C	buzzer
LF: 3445142 GEV: 378179	EK356AJ7	230V	2 TC(J,K)		6		-100 to +800°C	buzzer

Dimensions: 138x67x77 mm  
3 displays

### (PANEL) STORK-TRONIC ST64 ELECTRONIC CONTROLLERS

**STORK-TRONIC**



ST64

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445455 GEV: 379304	ST64-31.10	230V	1 Pt100		1		-80 to +400°C	

Dimensions: Ø 60x62 mm  
3 digits

(PANEL) STORK-TRONIC ST73 ELECTRONIC CONTROLLERS

**STORK-TRONIC**



ST73

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5128459 GEV: 379339	ST73-31.10	230V	1 Pt100	1			-60 to +400°C	

Dimensions: Ø 60x62 mm  
 3 digits

(DIN) ASCON TECNOLOGIC TLK35 ELECTRONIC CONTROLLERS



TLK35

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 3445585 GEV: 379290	TLK35HCRR-----B	100-240V	1 Pt100/TC(J,K)	2			-55 to +1760°C	buzzer

Dimensions: 70x84x61 mm  
 4 digits

(DIN) ELIWELL DR ELECTRONIC CONTROLLERS



DR

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 5115745 GEV: 378207	DR4020	100-240V	1 NTC/PTC/Pt100/Pt1000/ TC(J,K)/mA/mV	1	1		-200 to +800°C	

Dimensions: 87x70x56 mm  
 2x4 digits

# COOKING

## CUISSON, KOCHTECHNIK,

## COTTURA, COCCION

### (MODULAR) EVCO EVCM ELECTRONIC CONTROLLERS

**NEW**



EVCM

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 7188880 GEV: LF7188880	EVCMC348J9E	115/230V	3 TC(J,K) + 7 DI	1	8		-200 to +1300°C	

VCOLOR  
Rotary ovens

### (MODULAR) EVCO EVCM ELECTRONIC CONTROLLERS

**NEW**



EVCM

Code	Model	Voltage	Input(s)	Output(s)			Temperature range	Feature(s)
				CO	NO	SSR		
LF: 7188879 GEV: LF7188879	EVCMC328J9E	115/230V	3 TC(J,K) + 2 DI + 2 Config	1	7		-200 to +1300°C	

VCOLOR  
Bread & Pizza ovens

# TIMERS

## MINUTERIES, ZEITSCHALTER, TEMPORIZZATORI, TEMPORIZADORES

### (PANEL) ASCON TECNOLOGIC T31 ELECTRONIC CONTROLLERS



T31

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 5140196 GEV: 381634	T31-FS--VVRABE	12V - AC	2	1	71x29x67 mm	0,999 to 9999h

### (PANEL) ASCON TECNOLOGIC TT73 ELECTRONIC CONTROLLERS



TT73

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 5141933 GEV: 379987	TT73HCR	100-240V	2	2	66,5x66,5x67 mm	0,999 to 9999h

### (PANEL) ELIWELL EWTSPPLUS ELECTRONIC CONTROLLERS



EWTSPPLUS

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 3446209 GEV: LF3446209	EWTSPplus 991	12V - AC/DC	2	2	71x29x59 mm	0,999 to 9999h
LF: 5116049 GEV: LF5116049	EWTSPplus 990	24V - AC	2	2	71x29x59 mm	0,999 to 9999h
LF: 2106392 GEV: LF2106392	EWTSPplus 990	230V	2	2	71x29x59 mm	0,999 to 9999h

# TIMERS

## MINUTERIES, ZEITSCHALTER, TEMPORIZZATORI, TEMPORIZADORES

### (PANEL) EVCO EVK ELECTRONIC CONTROLLERS



EVK

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 3446128 GEV: LF3446128	EVK702D2EXS	12V - AC/DC	2	2	71x29x59 mm	00:00 to 99:59h
LF: 2111996 GEV: LF2111996	EVK702D3VXS	12/24V - AC/DC	2	2	71x29x59 mm	00:00 to 99:59h
LF: 3446147 GEV: LF3446147	EVK701D7E	230V	2	1	71x29x59 mm	00:00 to 99:59h

### (PANEL) EVCO EV, EC ELECTRONIC CONTROLLERS



EV, EC

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 3445150 GEV: LF3445150	EV7701D7	230V	2	2	66,5x66,5x59 mm	00:00 to 99:59h
LF: 3445151 GEV: LF3445151	EV7702D7	230V	2	2	66,5x66,5x59 mm	00:00 to 99:59h
LF: 7133086 GEV: LF7133086	EC7103D220	230V	2	2	66,5x66,5x59 mm	00:00 to 99:59h
LF: 7133087 GEV: LF7133087	EC7103D024	24V - AC	2	2	66,5x66,5x59 mm	00:00 to 99:59h

### (PANEL) STORK-TRONIC ST64 ELECTRONIC CONTROLLERS

## STORK-TRONIC



ST64

Code	Model	Voltage	Inputs(s)	Output(s)	Dimensions	Time range
LF: 3445594 GEV: 381461	ST64-31.07HF	230V	1	1	Ø60x62 mm	0,99 to 999h

# PROBES SONDES, FÜHLER, SONDE, SONDAS

## PROBES NTC

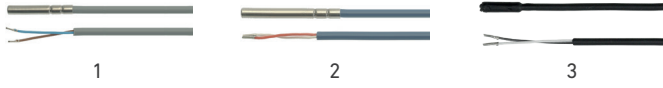


Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 3445157 GEV: 379860	1500	6	40	2	PVC	
1	LF: 3445156 GEV: 379343	3000	6	40	2	PVC	
1	LF: 3445028 GEV: 379633	4000	6	40	2	PVC	
2	LF: 3445913 GEV: 379458	1500	6	40	2	silicone	waterproof IP67
2	LF: 3445155 GEV: 381569	3000	6	40	2	silicone	waterproof IP67
3	LF: 3445167 GEV: 381584	1500	5	20	2	TPE	waterproof IP68
3	LF: 3445335 GEV: 381590	3000	5	20	2	TPE	waterproof IP68

## PROBES PTC



Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 3445070 GEV: 378699	1500	6	40	2	PVC	
1	LF: 3445107 GEV: 378694	3000	6	40	2	PVC	
1	LF: 5121819 GEV: 379199	5000	6	40	2	PVC	
2	LF: 3397164 GEV: LF3397164	1500	6	40	2	silicone	
2	LF: 3445183 GEV: LF3445183	3000	6	40	2	silicone	
2	LF: 3445959 GEV: LF3445959	5000	6	40	2	silicone	

# PROBES

## SONDES, FÜHLER, SONDE, SONDAS

### PROBES TC(J)

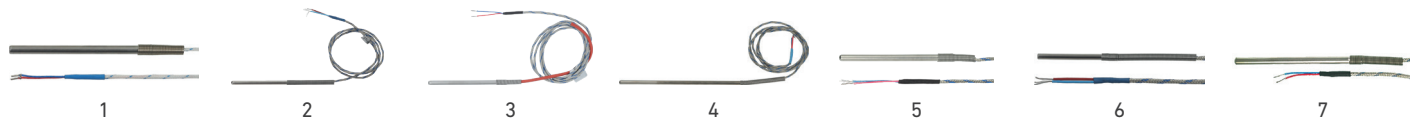


Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 5074184 GEV: 403694	500	6	100	2	Vetrotex	
2	LF: 3397093 GEV: LF3397093	950	6	100	2	Vetrotex	
3	LF: 5072263 GEV: 379693	1350	6	100	2	Vetrotex	
4	LF: 5034812 GEV: 379942	1500	6	200	2	Vetrotex	
5	LF: 5064075 GEV: LF5064075	1800	6	100	2	Vetrotex	
6	LF: 5059203 GEV: LF5059203	1900	4	60	2	Vetrotex	
7	LF: 3445109 GEV: 379051	3000	6	100	2	Vetrotex	

### PROBES TC(K)

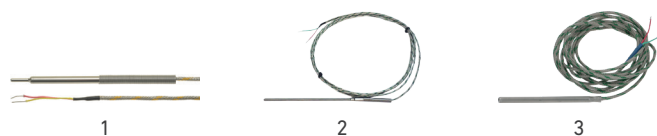


Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 5038670 GEV: 381363	1480	4	90	2	Vetrotex	
2	LF: 2102638 GEV: LF2102638	3000	4,5	160	2	Vetrotex	
3	LF: 5122527 GEV: 378752	3000	6	100	2	Vetrotex	



# PROBES SONDES, FÜHLER, SONDE, SONDAS

## PROBES PT100

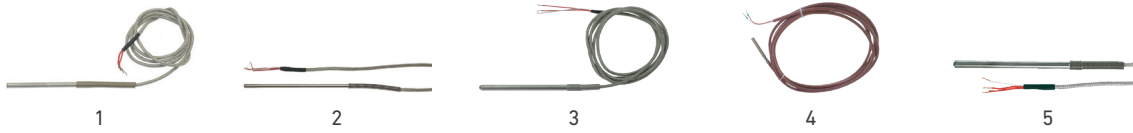


Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 3397045 GEV: LF3397045	900	5	90	2	Vetrotex	
2	LF: 3397119 GEV: 379222	1400	4	110	3	Vetrotex	
3	LF: 5108225 GEV: 379130	1500	6	100	3	Vetrotex	
4	LF: 5110277 GEV: 379439	2500	6	50	2	silicone	
5	LF: 3445117 GEV: 379050	3000	6	100	3	Vetrotex	

## PROBES PT1000

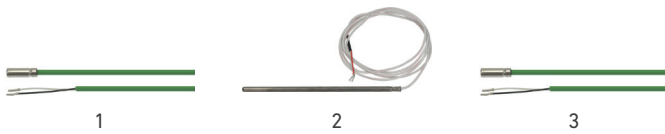


Photo	Codes	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 3445379 GEV: 378702	1500	6	20	2	silicone	waterproof IP68
2	LF: 5051398 GEV: 379944	1700	6	180	2	silicone	
3	LF: 3445380 GEV: LF3445380	3000	6	20	2	silicone	waterproof IP68

## CORE PROBES

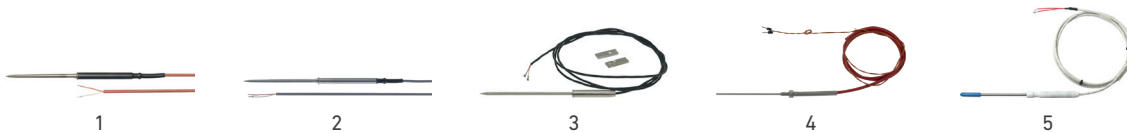


Photo	Codes	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 2105194 GEV: LF2105194	3000				silicone	NTC
2	LF: 5049662 GEV: 381445	2400	5	200	2	silicone	PTC
3	LF: 3397091 GEV: 379529	2000	1	185	2	silicone	TCJ
4	LF: 3397071 GEV: 379075	1500	5	200	2	silicone	Pt100
5	LF: 5037988 GEV: 379505	1700	4	100	2	silicone	Pt1000

# PROBES

## SONDES, FÜHLER, SONDE, SONDAS

### CORE PROBES 90° ELBOW

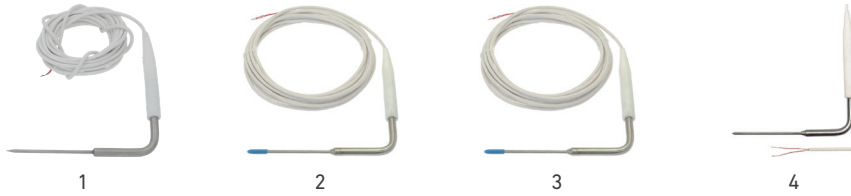


Photo	Code	Cable length (mm)	Bulbe		Wires	Cable material	Note
			Ø (mm)	Length (mm)			
1	LF: 3497010 GEV: 378391	5000	4	100	2	silicone	NTC
2	LF: 3397090 GEV: 378390	5000	4	100	2	silicone	PTC
3	LF: 3397095 GEV: 378393	5000	4	100	2	silicone	Pt100
4	LF: 5048080 GEV: 378392	6000	4	180	2	silicone	Pt1000

### ACTIVE PROBES



Photo	Code	Application	Voltage	Output	Dimensions (mm)	Range
1	LF: 2102803 GEV: 378076	%RH	8 to 28V - DC	4-20 mA	Ø20 x 185	5 to 95 %RH
1	LF: 7188893 GEV: LF7188893	%RH - T°C	8 to 28V - DC	4-20 mA	Ø20 x 185	5 to 95 %RH -10 to +70 °C
2	LF: 3397235 GEV: 378726	%RH	9 to 28V - DC	4-20 mA	80 x 80 x 52	0 to 100 %RH
2	LF: 3397236 GEV: 378727	%RH - T°C	9 to 28V - DC	4-20 mA	80 x 80 x 52	0 to 100 %RH -40 to +60 °C
3	LF: 3445169 GEV: 403390	%RH	9 to 18V - DC	4-20 mA	60 x 120	0 to 99 %RH
4	LF: 3445309 GEV: LF3445309	%RH - T°C	9 to 30V - AC/DC	4-20 mA / 0,5-1 Vdc	98 x 105	10 to 90 %RH -20 to +70 °C
5	LF: 3445052 GEV: LF3445052	pressure	8 to 32V - DC	4-20 mA	cable 2000	-0,5 to +8 bar
5	LF: 3445053 GEV: LF3445053	pressure	8 to 32V - DC	4-20 mA	cable 2000	0 to +30 bar

# ACCESSORIES

## ACCESSOIRES, ZUBEHÖR, ACCESSORI, ACCESORIOS

### TRANSFORMERS



1



2



3



4

Photo	Code	Power (VA)	Primary tension (V)	Secondary tension (V)
1	LF: 3445110 GEV: 379054			
1	LF: 3445111 GEV: 381577	3	24 - AC	12 - AC
1	LF: 3445196 GEV: 379195	5	230	12 - AC
1	LF: 5049718 GEV: 401174	6	230	12 - AC
1	LF: 5011362 GEV: 401339	6	220/240	8/12 - AC
2	LF: 5008612 GEV: 400125	16	220/240	12 - AC
3	LF: 5037407 GEV: 400126	20	230	12 - AC
4	LF: 4007045 GEV: 401267	60/40	230	12/24 - AC
4	LF: 5047956 GEV: 402950	100	230	24 - DC

### PROGRAMMATION KEYS



1



2



3



4

Photo	Code	Power (VA)	Primary tension (V)
1	LF: 3445333 GEV: LF3445333	Carel	IR33 & PJEZ
2	LF: 3445061 GEV: LF3445061	Eliwell	TTL
3	LF: 3445381 GEV: LF3445381	Eliwell	USB/TTL
4	LF: 2101830 GEV: 378265	Evco	Evkey

# ACCESSORIES

## ACCESSOIRES, ZUBEHÖR, ACCESSORI, ACCESORIOS

### DONGLE



Photo	Code	Brand	Model	Protocol
1	LF: 7109628 GEV: 403226	Dixell	XJ485CX	RS485
2	LF: 3445615 GEV: LF3445615	Eliwell	DATALOG AIR 4.2	Bluetooth
3	LF: 5133098 GEV: 378632	Evco	EVIF25TBX	Bluetooth

### COVERS

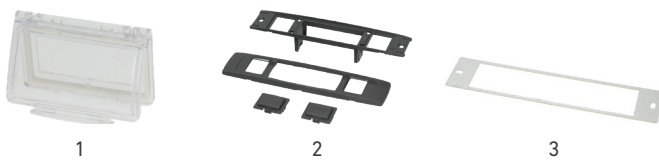


Photo	Code	Overall dimensions	Material	Note
1	LF: 7101290 GEV: LF7101290	74x32 mm	plexiglass	for 71x29 mm controllers
2	LF: 3445305 GEV: 37855	from 150x31 to 71x29 mm	plastic	mounting up to 2 30x22 mm switches
3	LF: 3445407 GEV: LF3445407	from 150x31 to 138x29 mm	aluminium	

### BOXES



Photo	Code	Overall dimensions	Hole dimensions	Material
1	LF: 7188866 GEV: LF7188866	245x150 mm	1 x 111x76 mm	plastic
2	LF: 7188867 GEV: LF7188867	245x150 mm	1 x 71x29 mm	plastic
3	LF: 3445068 GEV: LF3445068	105x105xh72 mm	1 x 30x22 mm + 1 x 71x29 mm	stainless steel
4	LF: 3445304 GEV: 378557	108x108xh90 mm	1 x 71x29 mm	plastic
5	LF: 3445302 GEV: LF3445302	135x74xh75 mm	1 x 56x72 mm	plastic
6	LF: 3445303 GEV: 378227	100x64xh43 mm	1 x 56x69 mm	plastic

# ACCESSORIES

ACCESSOIRES, ZUBEHÖR,  
ACCESSORI, ACCESORIOS

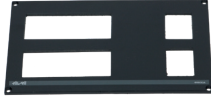
## EWBOX



1



2



3



4



5

Photo	Code	Dimensions
1	LF: 3445056 GEV: LF3445056	165x105xh90 mm
2	LF: 3445060 GEV: 698759	1 x 30x22 mm + 1 x 71x29 mm
3	LF: 3445062 GEV: LF3445062	2 x 30x22 mm + 2 x 71x29 mm
4	LF: 3445059 GEV: 512529	2 x 30x22 mm + 1 x 71x29 mm
5	LF: 3445058 GEV: LF3445058	2 x 30x22 mm + 2 x 71x29 mm



# LEGEND

LEGENDE, LEGENDE,  
LEGENDA, LEYENDA

## FEATURES

RTC	Real Time Clock option
HACCP	Hazard Analysis Critical Control Point option
BUZZER	Internal buzzer
ENERGY SAVING	Low power consumption
TOUCH SCREEN	Sensitive buttons
PROGRAMS	Recordable programs
CALENDAR	Year, month, day programs
DIN SLOT	DIN Slot available
DIFFERENTIAL CB	Differential circuit breaker included
PUMP-DOWN	Refrigerant pump-down cycle
DIF	Differential option
PWM	Pulse width modulation output option
LAN, MDBUS SERIAL, LINK- / LINK+RS485, MODBUS, TTL, TELENET, RTU, X-REP, BLUETOOTH, EVKEY	Communication protocols

## INPUTS

Type	Description	Symbol
NTC	Negative temperature coefficient thermistor	
PTC	Positive temperature coefficient thermistor	
PT100	Resistive temperature detector; 100Ω = 0°C	
PT1000	Resistive temperature detector; 1000Ω = 0°C	
DI	Digital input, dry contact input	
TC (E, J, K, R, S, T)	Thermocouple E=0 TO 800°C; J=-20 TO 700°C; K=0 TO 1100°C; R=0 TO 1600°C; S=0 TO 1550°C; T=-185 TO 300°C	
CONFIG	Configurable input	Config 
V / MV	Volt / millivolt input (variable)	
MA	milliampere input (4-20mA)	
IR SENSOR	InfraRed sensor input	



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