



Spare parts for:

## Commercial refrigeration



Suitable for:

# CAREL



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Therefore, the sequence of the items might  
not be always shown at best.  
Updates will be issued in case of additions  
and/or amendments.

***Suitable universal spare parts may not be included***





## ELECTRICAL PANELS CAREL MASTERCELLA MD



MD33D5EN00



MD33D5FB00

LF Code	Model	Relay outputs	Power	Probe	RTC	IR	DI	General power switch
3445229	MD33D5EN00	5-30A/16A/8A/8A/2Hp	230V	2-NTC			3	
3445214	MD33D5FB00	5-30A/16A/8A/8A/2Hp	230V	2-NTC	x	x	3	x

## ELECTRICAL PANELS CAREL SMARTCELLA

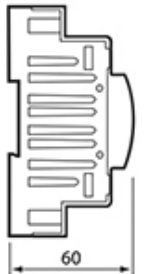
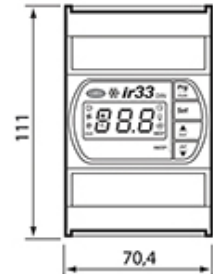


LF Code	Model	Relay outputs	Power	Probe	DI
3545005	WE00S1EN00	1-16A	230V	2-NTC	3
3545006	WE00C2HN00	4-2Hp/16A/8A/8A	230V	2-NTC	3

## ELECTRONIC CONTROLLERS CAREL DN



DN



LF Code	Model	Relay outputs	Power	Probe	RTC	IR	Digital input
3445212	DN33S0EN00	16A Comp	230V	2-NTC			3
3445202	DN33F0ET00	16A Comp-16A Def-8A Fan-8A Aux/Light	230V	2-NTC	x	x	3
3445213	DN33C0LB00	16A Comp-16A Def-8A Fan-8A Aux/Light	12-24Vac	2-NTC	x	x	3

montaggio su guida DIN



## ELECTRONIC CONTROLLERS CAREL IR33

# CAREL



PJEZ



IR



DN



MD

LF Code	Model	Relay outputs	Power	Probe	RTC	IR	Digital input	Suitable for
3445225	IR33S00N00	16A Comp	12Vac	2-NTC			2	
3445908	IR33S0LN00	16A Comp	12/24Vac	2-NTC			2	
3445210	IR33S0LR00	16A Comp	12/24Vac	2-NTC		x	2	
3445204	IR33S0ER00	8A Comp	230V	2-NTC		x	1	
3445209	IR33S0EP00	16A Comp	230V	2-NTC			1	
3445226	IR33Y00N00	16A Comp-8A Def	12Vac	2-NTC			2	
4091609	IRELFOEN215	8A Comp-8A Def-5A Fan	230V	2-NTC			1	ELECTROLUX
4093532	IRELFOEN265	8A Comp-8A Def-5A Fan	230V	2-NTC			1	ELECTROLUX
4092355	IRELFOHN245	8A Comp-12A Def-8A Fan	115-230V	2-NTC			1	ELECTROLUX
3445228	IR33FOEN00	8A Comp-8A Def-5A Fan	230V	2-NTC			1	
4091642	IRELCOHN215	12A Comp-8A Def-8A Fan-8A Aux	115-230V	2-NTC			2	ELECTROLUX
3445227	IR33C00N00	16A Comp-8A Def-8A Fan-8A Aux/Light	12Vac	2-NTC			2	
3445211	IR33C0LB00	16A Comp-8A Def-8A Fan-8A Aux/Light	12/24Vac	2-NTC	x	x	2	
3445909	IR33C0LN00	16A Comp-8A Def-8A Fan-8A Aux/Light	12/24Vac	2-NTC			2	
3445203	IR33C0HB00	16A Comp-8A Def-8A Fan-8A Aux/Light	115/230V	2-NTC	x	x	2	

## ELECTRONIC CONTROLLERS CAREL PB

# CAREL

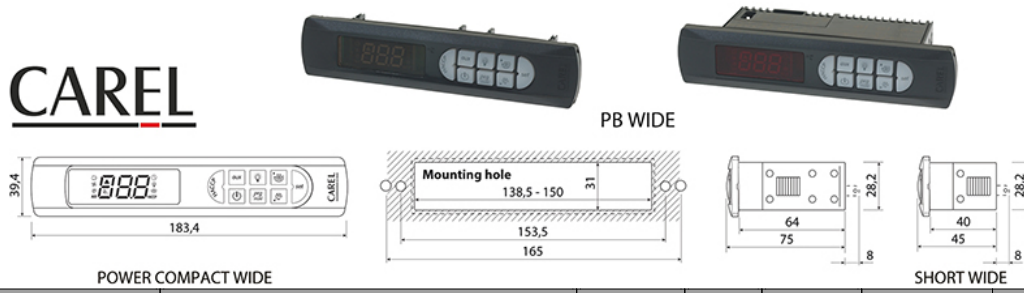


PB

LF Code	Model	Relay outputs	Power	Probe	Digital input	RTC	IR	Connections
3445220	PB00S0EA00	8A Comp-8A Aux/Light	230V	2-NTC	2			screw
3445223	PB00S0SA50 SHORT	30A Comp-8A Aux/Light	230V	2-NTC	2			screw
3445221	PB00Y0EV30	16A Comp-8A Def-8A Fan	230V	2-NTC	2			screw
3445218	PB00C0SN30 SHORT	30A Comp-8A Def-5A Fan-5A Aux/Light	230V	2-NTC	2			faston
3445258	PB00F0HA00	16A Comp-8A Def-8A Fan-8A Aux/Light	115-230V	2-NTC	2			screw
3445373	PB00C0HN00	30A Comp-16A Def-8A Fan-8A Aux/Light	115-230V	2-NTC	2			screw
3445349	PB00H0HN00	30A Comp-16A Def-8A Fan-8A Aux/Light-8A Aux2	230V	2-NTC	2			screw
7103785	PB00H0HB00	30A Comp-16A Def-8A Fan-8A Aux/Light-8A Aux2	230V	2-NTC	2	x	x	screw

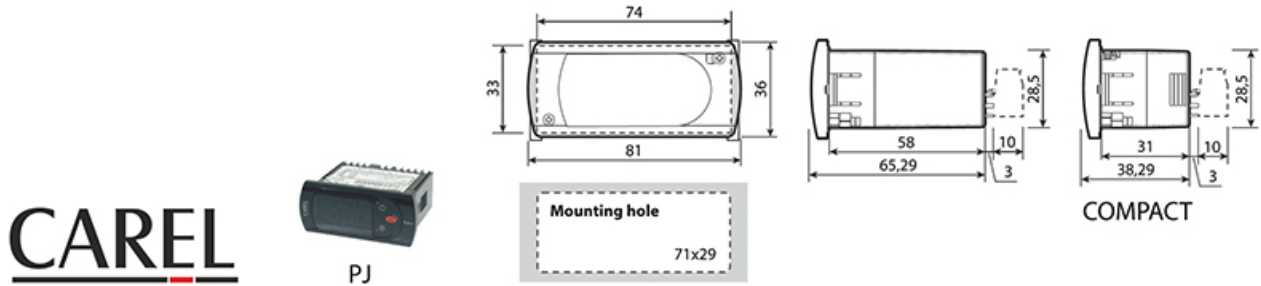


**ELECTRONIC CONTROLLERS CAREL PB WIDE**



LF Code	Model	Relay outputs	Power	Probe	Digital input	Connections	Suitable for
3445224	PB00S0SAFA SHORT	30A Comp-8A Aux/Light	115-230V	2-NTC	2	screw	
3394358	PBIFY0EVD51	12A Comp-8A Defr-8A Aux	230V	2-NTC	2	screw	INFRICO
3445219	PB00C0SNFA SHORT	30A Comp-8A Def-5A Fan-5A Aux/Light	115-230V	2-NTC	2	screw	
3445222	PB00C0HND0	30A Comp-16A Def-8A Fan-8A Aux/Light	115-230V	2-NTC	2	faston	

**ELECTRONIC CONTROLLERS CAREL PJ-PY**



LF Code	Model	Relay outputs	Power	Probe	RTC	Digital input	Light switch	Suitable for
2102955	PJEZSNH0E0 COMPACT	30A Comp	230V	1-NTC				
3445215	PJEZS00000	8A Comp	230V	2-NTC		1		MERCATUS
5057406	PJEZS0P000	16A Comp	230V	2-NTC		1		
5058938	PYAO1C0522	12A Comp	230V	1-NTC				AFINOX
5055066	PYCO1SN50P	12A Comp	230V	1-NTC		1		CORECO-FAGOR
5040535	PJEZS0H000	30A Comp	230V	2-NTC		1		MERCATUS
3445216	PJEZS0A000	8A Comp-8A Aux	230V	2-NTC		1		
3445249	PJS1Y0P000	16A Comp-8A Agt	230V	2-NTC		1		
2101745	PJEZS0G000	30A Comp-8A Aux	230V	2-NTC		1		
2102337	PJEZY0H000	30A Comp-8A Def	230V	2-NTC		1		
3445217	PJEZC00000	8A Comp-8A Def-8A Fan	230V	2-NTC		1		ILSA-WHIRLPOOL
5051488	PYCO1LO51G	12A Comp-8A Def-8A Fan	230V	2-NTC		1		CORECO-FAGOR
7100643	PYIL1U0525	16A Comp-8A Def-8A Fan	230V	2-NTC		1		ILSA-WHIRLPOOL
7106435	PJEZC0H000	30A Comp-8A Def-8A Fan	230V	2-NTC		1		
3445332	PJEZC0M000	30A Comp-8A Def-8A Fan	230V	2-NTC	x	1		
3445425	PJS2C0H000	30A Comp-8A Def-8A Light	230V	2-NTC	x	1	x	

## ELECTRONIC CONTROLLERS CAREL POWERSPLIT PSB

# CAREL



PSB

LF Code	Model	Relay outputs	Power	Probe	Digital input	RTC
2102797	PSB0000000	2Hp Comp-16A Def-10A Fan-16A Light	230V	3-NTC	2 conf+1 light sensor	
5064671	PSB0001100	2Hp Comp-16A Def-10A Fan-10A Alarm-16A Light-10A Aux2	230V	3-NTC	2 conf+1 light sensor	x

## TEMPERATURE PROBES



LF Code	Sensor	Cable length mm	Range	Photo	
3445070	PTC	1500 PVC	-30/+80°C	1	6x40 AISI 304
3445107	PTC	3000 PVC	-30/+80°C	1	6x40 AISI 304
3445183	PTC	3000 SIL	-55/+150°C	1	6x40 AISI 304
3445959	PTC	5000 SIL	-55/+150°C	1	6x40 AISI 304
3445157	NTC	1500 PVC	-30/+80°C	1	6x40 AISI 304
3445156	NTC	3000 PVC	-30/+80°C	1	6x40 AISI 304
3445028	NTC	4000 PVC	-30/+80°C	1	6x20 AISI 304
3445913	NTC	1500 SIL	-50/+110°C	1	6x40 AISI 304
3445155	NTC	3000 SIL	-50/+110°C	1	6x40 AISI 304
3445184	NTC	1500 TPE IP68	-40/+110°C	2	6x40 AISI 304
3445154	NTC	3000 TPE IP68	-40/+110°C	2	6x40 AISI 304
3445167	NTC	1500 TPE IP68	-50/+110°C	3	5x20 TPE
3445335	NTC	3000 TPE IP68	-50/+110°C	3	5x20 TPE
3445379	PT1000	1500 IP68	-50/+110°C	4	6x20 AISI 304
3445380	PT1000	3000 IP68	-50/+110°C	4	6x20 AISI 304



**CAREL**



**THERMOSTATS CAREL RTA**

**CAREL**



RTA

LF Code	Model	Range	Power	Probe	Differential
3444722	RTA200A230	-35/-5°C	230V	1-NTC	1/10°C
3444723	RTA200B230	-10/+20°C	230V	1-NTC	1/10°C
3444724	RTA200C230	+5/+35°C	230V	1-NTC	1/10°C





## Electronic controllers

**3445426 CABLE WITH TELEPHONE PLUG 0.8 M**



CAREL S90CONN002

**3445264 CHILLER CONTROLLER CAREL MCH2000000 24Vac**



CAREL MCH2000000

CAREL MCH2000001

CAREL MCH2001030

**5069861 CONTROLLER CAREL PXIFFOSN61**

115-230V  
 1 relay outlet 12A for compressor  
 1 relay outlet 5A for fan  
 1 relay outlet 8A per aux  
 2 probes NTC  
 2 digital inlets  
 mounting hole 138x29  
 complete with control cover  
 INFRICO configuration



CAREL PXIFFOSN61

**3445416 CONTROLLER CAREL PYIA1Z052N**

230V 50/60Hz  
 1 relay outlet 12A for compressor  
 1 relay output 8A for defrosting  
 1 relay output 8A for ventilator  
 2 NTC probes (not included)  
 serial output for programming key  
 front dimensions 81x36 mm  
 mounting hole 71x29 mm  
 PZIACOH010K  
 ISA-TASSELLI configured



CAREL PYIA1Z052N

**3445439 CONTROLLER CAREL PYIA1Z055P**

230V 50/60Hz  
 1 outlet relay 12A for compressor  
 1 outlet relay 8A for fan  
 1 outlet relay 8A for light  
 2 NTC probes (not included)  
 1 digital configurable inlet  
 serial output for programming key  
 frontal dimensions 81x36 mm  
 mounting hole 71x29 mm  
 PZIACOH011K  
 configured ISA-ANCHORS



CAREL PYIA1Z055P

**3445308 HUMIDITY REGULATOR IR32V4H000**

115/230V 50/60Hz  
 1 relay output 8A  
 current inlet -0.5...1 Vdc



CAREL IR32V4H000

CAREL IR33V9HR20

**3445333 PARAMETERS PROGRAMMING KEY CAREL for IR33 and PJEZ (up to 6 parameter sets) batteries 12V included**



CAREL IROPZKEY00

**3445267 SERIAL BOARD CAREL RS485 FOR IR33 DIN**



CAREL IR0PZSER30



Suitable for:

# CAREL



Suitable for:

## Electronic printed-circuit boards

**3390388 BOARD DISPLAY CAREL PSTIALR400**  
mounting hole 138.5x29 mm  
ISA-TASSELLI configuration



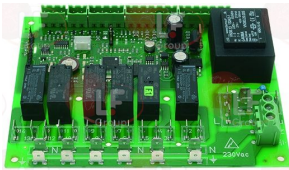
CAREL PSTIALR400

**3390390 DISPLAY CAREL PST01VR100**  
1 NTC probe (not included)  
mounting hole 71x29 mm



CAREL PST01VR100

**3445424 ELECTRON.CIRCUIT BOARD CAREL PSBIA01110**  
115/230Vac  
1 relay output 2Hp for compressor  
1 relay output 16A for defrosting  
1 relay output 10A for ventilators  
1 relay output 10A for alarm  
1 relay output 16A for light  
1 relay output 10A for demisting heating element  
2 digital inputs  
LAN serial connection  
3 NTC probes (not included)  
RTC timer function  
personalised ISA-TASSELLI



CAREL PSBIA01110

**3390389 GRAPHIC DISPLAY CAREL PGD1000NW0**  
mounting hole 74x39 mm  
graphical resolution 132x64 pixels





















CAREL PGD1000NW0



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