

SOLITHERM PROTEC



Description

Order Number:	87400584
Brand Name:	SOLITHERM PROTEC
Housing Material:	Stainless steel AISI 316 (V4A)
IP protection class to EN 60 529:	IP 56 / Type 12, 3, 3R, 4, 4X
Approvals:	CE, cULus
UL File Number:	E498756

Technical Data

Cooling capacity L35L35 (EN14511-3):	3900 W @ 50 Hz 4300 W @ 60 Hz
Cooling capacity L35L50 (EN14511-3):	3300 W @ 50 Hz 3400 W @ 60 Hz
EER L35L35:	2.1 / 1.8
Enclosure heater:	2,000 W
Compressor type:	Reciprocating compressor
Refrigerant / GWP:	R 513A / 630
Refrigerant charge:	572 g / 20.2 oz
High / low Pressure:	32 / 6 bar 460 / 88 psig
Air flow volume (system / unimpeded):	Ambient air circuit: 1085 / 1480 m ³ /h Enclosure air circuit: 870 / 1480 m ³ /h
Operating Temperature Range:	-40°C - +60°C
UL temperature range:	-40°C - +60°C
Mounting:	Wall mounted
Dimensions A x B x C (D+E):	1,040 x 455 x 370 mm
Weight:	65 kg
Voltage / Frequency:	230 V ~ 50/60 Hz
UL Voltage / Frequency:	230 V ~ 60 Hz
Current L35L35:	8.3 A @ 50 Hz 10.8 A @ 60 Hz
Starting current:	50 A
Max. current:	14.1 A
Nominal power L35L35:	1.85 kW @ 50 Hz 2.40 kW @ 60 Hz
Max. power:	3.25 kW
Fuse:	20 A (T)
Max circuit ampacity:	15 A
Short-circuit current rating:	5 kA
Rated current compressor:	7.6 A

Full load current fans:

1.82 A

Connection:

5 pole terminal block for signals

4 pole terminal block for power

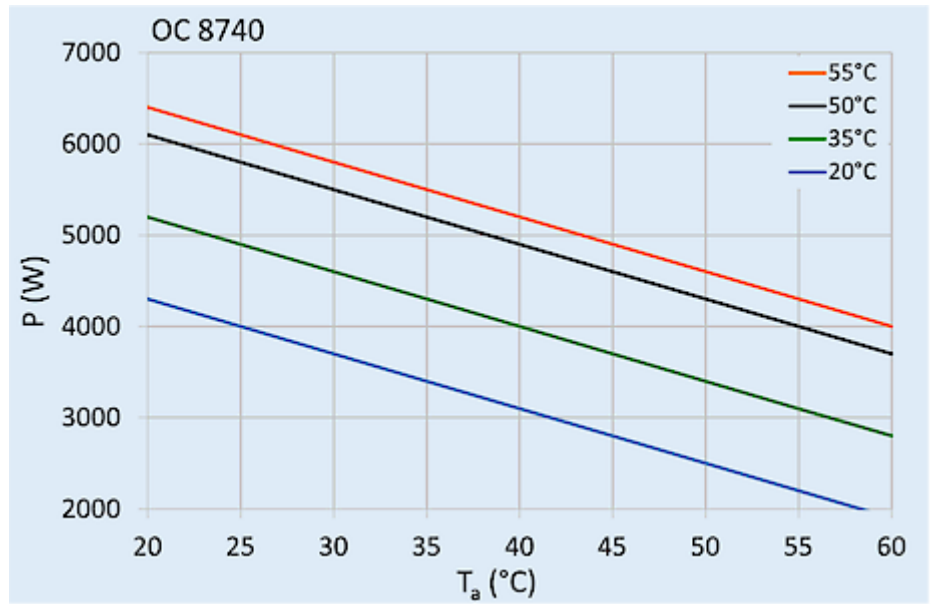
3 pole terminal block for RS 485 MODBUS

Please click on the graphics to download.

More CAD drawings can be found under [Product Download](#).

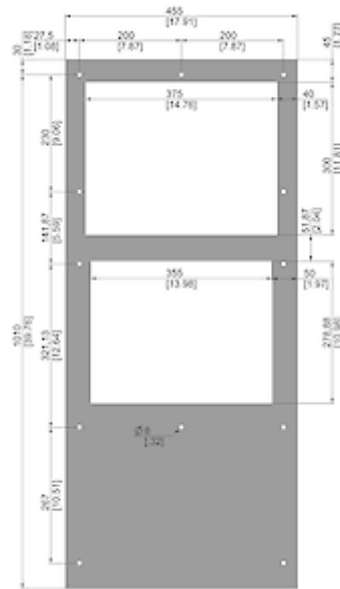
> [Overview Product Group SOLITHERM PROTEC - for aggressive conditions](#)

Performance graph:



[click image to enlarge](#)

Cut out Dimensions:



[click image to enlarge](#)

Order Information

Taric code

84158200
