

SOLITHERM PROTEC



Description

Order Number:	87402584
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:	2.0 / 1.7
Enclosure heater:	2,000 W
Compressor type:	Reciprocating compressor
Refrigerant / GWP:	R 513A / 630
Refrigerant charge:	701 g / 24.7 oz
High / low Pressure:	35 / 6 bar 508 / 88 psig
Air flow volume (system / unimpeded):	Ambient air circuit: 1085 / 1480 m³/h Enclosure air circuit: 870 / 1480 m³/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:	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
UL Voltage / Frequency:	460 V / 60Hz 3~
Current L35L35:	3.6 A @ 50 Hz 3.8 A @ 60 H
Starting current:	19 A
Max. current:	5.0 A
Nominal power L35L35:	1.9 kW @ 50 Hz 2.4 kW @ 60 Hz
Max. power:	3.5 kW
Fuse:	15 A (T)
Max circuit ampacity:	15 A

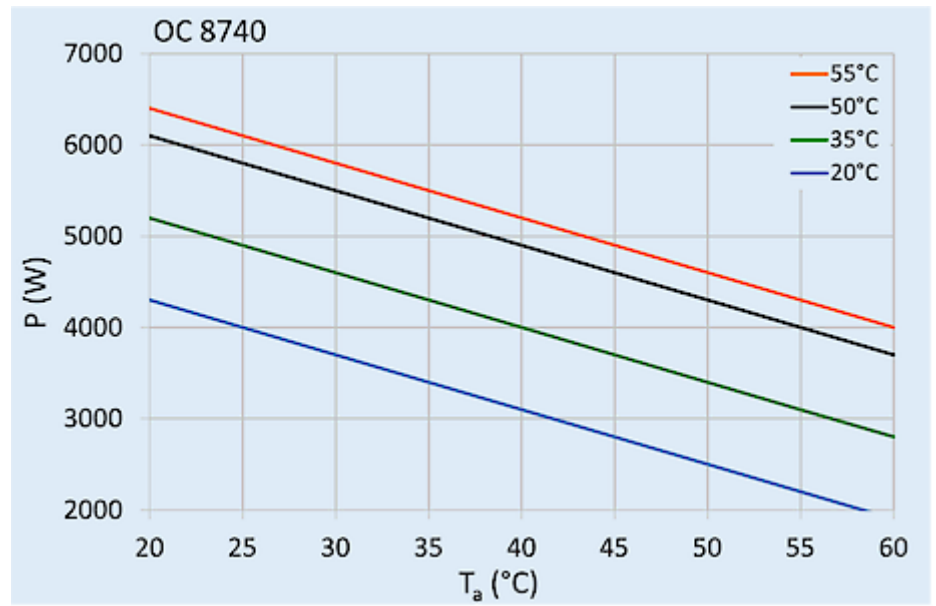
Short-circuit current rating:	5 kA
Rated current compressor:	3.0 A
Full load current fans:	1.3 A
Connection:	5 pole terminal block for signals 4 pole terminal block for power 3 pole terminal block for RS 485 MODBUS

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](#)

Order Information

Taric code

84158200