

SOLITHERM PROTEC



Description

Order Number:	87201584
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, UL(ACVS), cULus
UL File Number:	SA32278

Technical Data

Cooling capacity L35L35 (EN14511-3):	2000 W @ 50 Hz 2100 W @ 60 Hz
Cooling capacity L35L50 (EN14511-3):	1850 W @ 50 Hz 1900 W @ 60 Hz
EER L35L35:	1.8
Enclosure heater:	1,000 W
Compressor type:	Reciprocating compressor
Refrigerant / GWP:	R 513A / 630
Refrigerant charge:	352 g / 12.4 oz
High / low Pressure:	30 / 6 bar 435 / 88 psi
Air flow volume (system / unimpeded):	Ambient air circuit: 740 / 1150 m ³ /h Enclosure air circuit: 595 / 875 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):	890 x 395 x 305 mm
Weight:	52.5 kg
Voltage / Frequency:	120 V ~ 50/60 Hz
UL Voltage / Frequency:	120 V ~ 60 Hz
Current L35L35:	8.8 A @ 50 Hz 5.6 A @ 60 Hz
Starting current:	32 A
Max. current:	13.6 A
Nominal power L35L35:	1.00 kW @ 50 Hz 1.23 kW @ 60 Hz
Max. power:	1.51 kW
Fuse:	20 A (T)
Max circuit ampacity:	15 A
Short-circuit current rating:	5 kA
Rated current compressor:	8 A

Full load current fans: 1.5 A

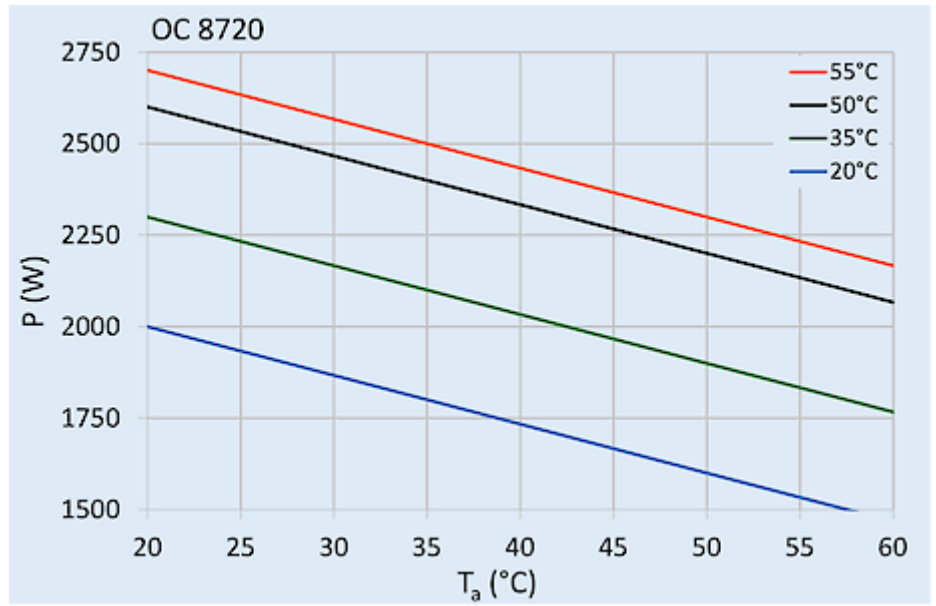
Connection: 5 pole terminal block for signals
4 pole terminal block for power
3 pole terminal block for RS 485 MODBUS

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
