

SOLITHERM PROTEC



Description

Order Number:	87622584
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):	6000 W @ 50 Hz 6200 W @ 60 Hz
Cooling capacity L35L50 (EN14511-3):	4800 W @ 50 Hz 5400 W @ 60 Hz
Enclosure heater:	2,000 W
Compressor type:	Scroll
Refrigerant / GWP:	R134a / 1430
Refrigerant charge:	1140 g / 40.2 oz
High / low Pressure:	32 / 6 bar 460 / 88 psi
Air flow volume (system / unimpeded):	Ambient air circuit: 935 / 1480 m ³ /h Enclosure air circuit: 1080 / 1480 m ³ /h
Operating Temperature Range:	-40°C - 55°C
UL temperature range:	-40°C - 55°C
Mounting:	Wall mounted
Dimensions A x B x C (D+E):	1,135 x 455 x 390 mm
Weight:	85 kg
Voltage / Frequency:	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
UL Voltage / Frequency:	460 V - 60 Hz 3~
Current L35L35:	5.9 A @ 50 Hz 6.2 A @ 60 Hz
Starting current:	57 / 44 A
Max. current:	9.8 A
Nominal power L35L35:	3000 W @ 50 Hz 3800 W @ 60 Hz
Max. power:	6300 W
Fuse:	15 A (T)
Max circuit ampacity:	15 A
Short-circuit current rating:	5 kA
Rated current compressor:	6.4 A

Full load current fans: 1.3 A

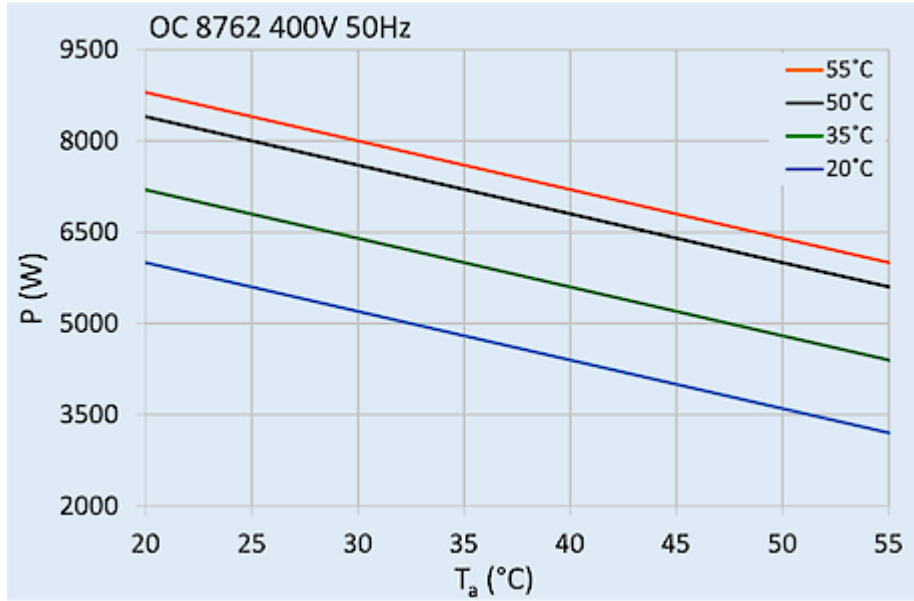
Connection: 5 pole terminal block for signals
4 pole terminal block for power
3 pole terminal block for RS 485 MODBUS

Please click on the graphics to download.

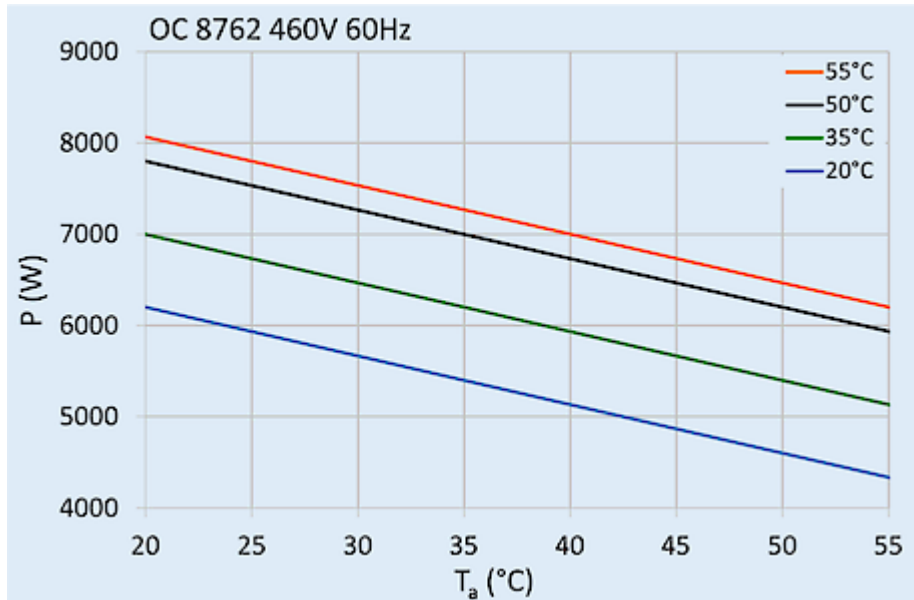
More CAD drawings can be found under [Product Download](#).

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

Performance graph:

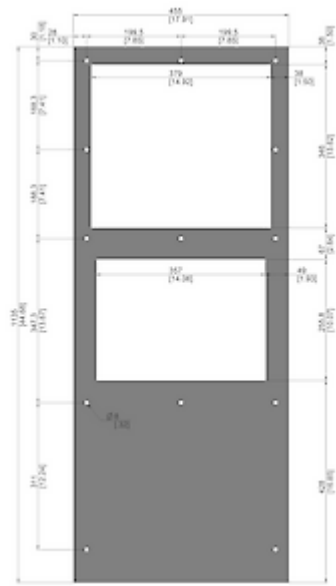


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**Cut out
Dimensions:**



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Order Information

Taric code

84158200
