

## SOLITHERM PROTEC



### Description

<b>Order Number:</b>	87622584
<b>Brand Name:</b>	SOLITHERM PROTEC
<b>Housing Material:</b>	Stainless steel AISI 316 (V4A)
<b>Ingress Protection:</b>	IP 56 / Type 12, 3, 3R, 4, 4X
<b>Included:</b>	With metal mesh filter
<b>Approvals:</b>	CE, UL(ACVS), cULus
<b>UL File Number:</b>	SA32278

## Technical Data

<b>Cooling capacity L35L35 (EN14511-3):</b>	6000 W @ 50 Hz 6200 W @ 60 Hz
<b>Cooling capacity L35L50 (EN14511-3):</b>	4800 W @ 50 Hz 5400 W @ 60 Hz
<b>Enclosure heater:</b>	2,000 W
<b>Compressor type:</b>	Scroll
<b>Refrigerant / GWP:</b>	R134a / 1430
<b>Refrigerant charge:</b>	1140 g / 40.2 oz
<b>High / low Pressure:</b>	32 / 6 bar 460 / 88 psi
<b>Operating Temperature Range:</b>	-40°C - 55°C
<b>UL temperature range:</b>	-40°C - 55°C
<b>Air flow volume (system / unimpeded):</b>	Ambient air circuit: 935 / 1480 m <sup>3</sup> /h Enclosure air circuit: 1080 / 1480 m <sup>3</sup> /h
<b>Mounting:</b>	Wall mounted
<b>Dimensions A x B x C (D+E):</b>	1,135 x 455 x 390 mm
<b>Weight:</b>	85 kg
<b>Voltage / Frequency:</b>	380-415 V 50 Hz 3~ 400-460 V 60 Hz 3~
<b>UL Voltage / Frequency:</b>	460 V - 60 Hz 3~
<b>Current L35L35:</b>	5.9 A @ 50 Hz 6.2A @ 60 Hz
<b>Starting current:</b>	57 / 44 A
<b>Max. current:</b>	9.8 A
<b>Nominal power L35L35:</b>	3.0 kW @ 50 Hz 3.8 kW @ 60 Hz
<b>Max. power:</b>	6.3 kW
<b>Fuse:</b>	15 A (T)
<b>Max circuit ampacity:</b>	15 A
<b>Short-circuit current rating:</b>	5 kA

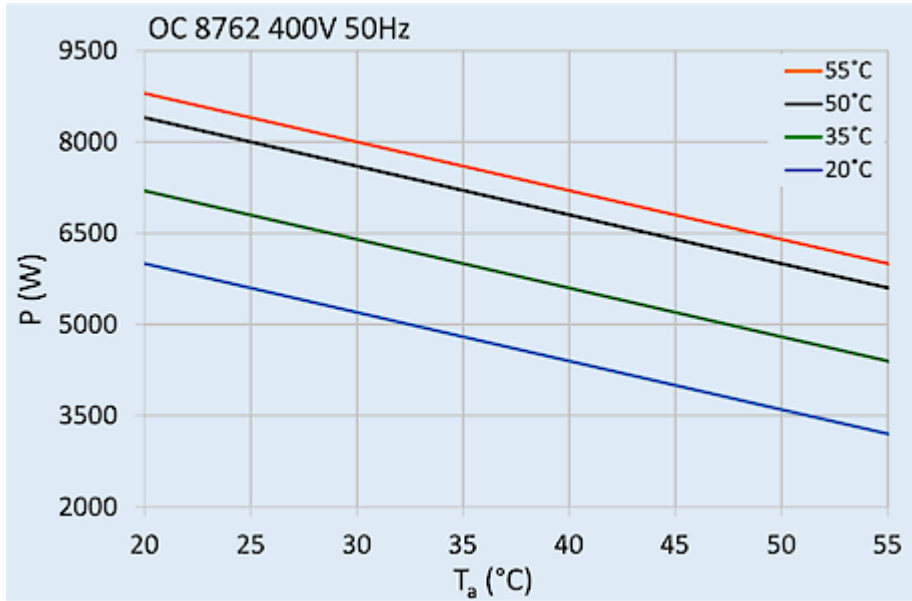
<b>Rated current compressor:</b>	6.4 A
<b>Full load current fans:</b>	1.3 A
<b>Connection:</b>	5 pole terminal block for signals 4 pole terminal block for power 3 pole terminal block for RS 485 MODBUS

Please click on the graphics to download.

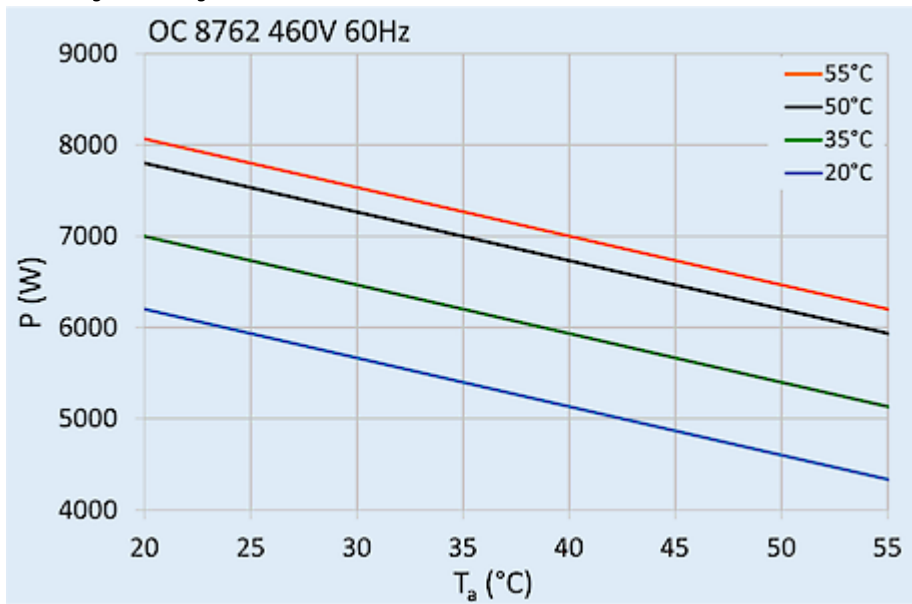
More CAD drawings can be found under [Product Download](#).

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

**Performance graph:**



[click image to enlarge](#)



[click image to enlarge](#)

## Order Information

**Taric code**

84158200

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