

## SOLITHERM PROTEC



### Description

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

## Technical Data

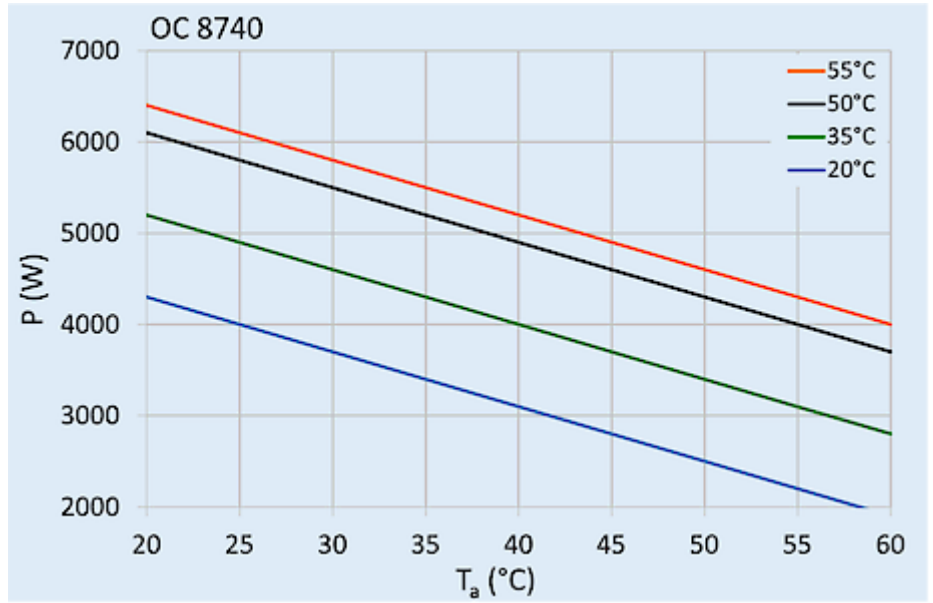
<b>Cooling capacity L35L35 (EN14511-3):</b>	3900 W @ 50 Hz 4300 W @ 60 Hz
<b>Cooling capacity L35L50 (EN14511-3):</b>	3300 W @ 50 Hz 3400 W @ 60 Hz
<b>EER L35L35:</b>	2.1 / 1.8
<b>Enclosure heater:</b>	2,000 W
<b>Compressor type:</b>	Reciprocating compressor
<b>Refrigerant / GWP:</b>	R 513A / 630
<b>Refrigerant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

<b>Rated current compressor:</b>	7.6 A
<b>Full load current fans:</b>	1.82 A
<b>Connection:</b>	5 pole terminal block for signals 4 pole terminal block for power 3 pole terminal block for RS 485 MODBUS

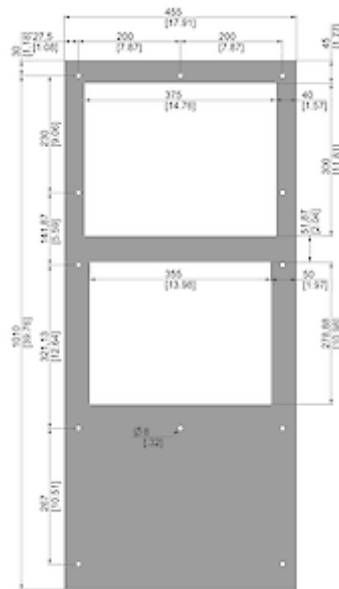
Please click on the graphics to download.

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

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

**Performance graph:**


click image to enlarge

**Cut Out Dimension:**


click image to enlarge

## Order Information

**Taric code**

84158200

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