

## SOLITHERM PROTEC



### Description

<b>Order Number:</b>	87121584
<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, UL(ACVS), cULus
<b>UL File Number:</b>	SA32278

## Technical Data

<b>Cooling capacity L35L35 (EN14511-3):</b>	1120 W @ 50 Hz 1200 W @ 60 Hz
<b>Cooling capacity L35L50 (EN14511-3):</b>	800 W @ 50 Hz 840 W @ 60 Hz
<b>EER L35L35:</b>	1.5
<b>Enclosure heater:</b>	400 W
<b>Compressor type:</b>	Reciprocating compressor
<b>Refrigerant / GWP:</b>	R 513A / 630
<b>Refrigerant charge:</b>	234 g / 8.3 oz
<b>High / low Pressure:</b>	30 / 6 bar 435 / 88 psi
<b>Air flow volume (system / unimpeded):</b>	Ambient air circuit: 280 / 550 m <sup>3</sup> /h  Cabinet air circuit: 300 / 470 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>	585 x 305 x 305 mm
<b>Weight:</b>	34.5 kg
<b>Cut out dimensions:</b>	345 x 235 mm
<b>Voltage / Frequency:</b>	120 V ~ 50/60 Hz
<b>UL Voltage / Frequency:</b>	120 V ~ 60 Hz
<b>Current L35L35:</b>	7.0 A @ 50 Hz 7.7 A @ 60 Hz
<b>Starting current:</b>	30 A
<b>Max. current:</b>	10.5 A
<b>Nominal power L35L35:</b>	720 W @ 50 Hz 840 W @ 60 Hz
<b>Max. power:</b>	1100 W
<b>Fuse:</b>	15 A (T)
<b>Max circuit ampacity:</b>	15 A

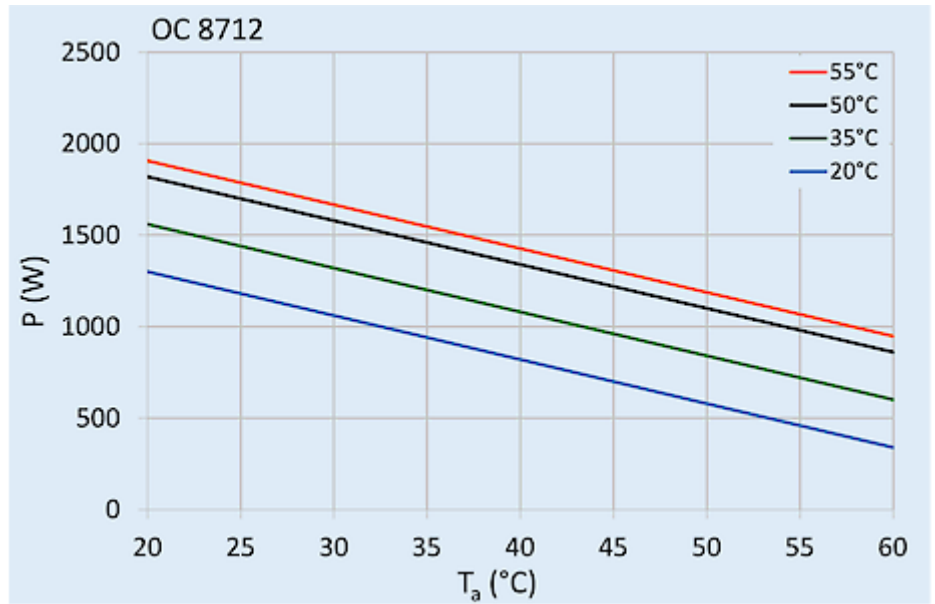
<b>Short-circuit current rating:</b>	5 kA
<b>Rated current compressor:</b>	5 A
<b>Full load current fans:</b>	1.5 A
<b>Connection:</b>	5 pole terminal block for signals 4 pole terminal block for power 3 pole terminal block for RS 485 MODBUS

Please click on the graphics to download.

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

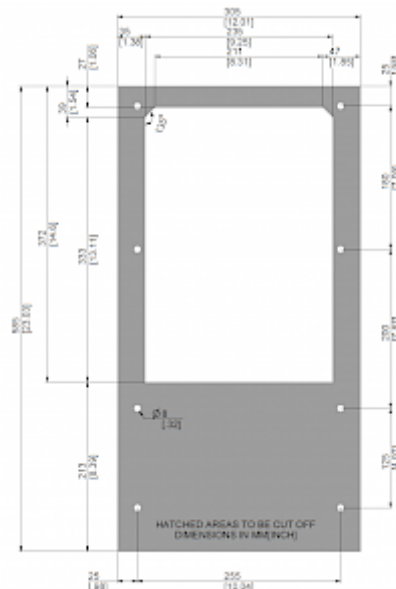
> [Overview Product Group SOLITHERM PROTEC - for aggressive conditions](#)

**Performance graph:**



[click image to enlarge](#)

**Cut out Dimensions:**



[click image to enlarge](#)

## Order Information

**Taric code**

84158200

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