

## SOLITHERM PROTEC



### Description

|                                          |                                |
|------------------------------------------|--------------------------------|
| <b>Order Number:</b>                     | 87060584                       |
| <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            |

## Technical Data

|                                              |                                                    |
|----------------------------------------------|----------------------------------------------------|
| <b>Cooling capacity L35L35 (EN14511-3):</b>  | 600 W @ 50 Hz<br>630 W @ 60 Hz                     |
| <b>Cooling capacity L35L50 (EN14511-3):</b>  | 430 W @ 50 Hz<br>450 W @ 60 Hz                     |
| <b>EER L35L35:</b>                           | 1.5                                                |
| <b>Enclosure heater:</b>                     | 150 W                                              |
| <b>Compressor type:</b>                      | rotary piston compressor                           |
| <b>Refrigerant / GWP:</b>                    | R 513A / 630                                       |
| <b>Refrigerant charge:</b>                   | 80 g / 2.8 oz                                      |
| <b>High / low Pressure:</b>                  | 28 / 6 bar<br>406 / 88 psi                         |
| <b>Air flow volume (system / unimpeded):</b> | Ambient: 235 / 408 m³/h<br>Cabinet: 115 / 180 m³/h |
| <b>Operating Temperature Range:</b>          | -40°C - 60°C                                       |
| <b>UL temperature range:</b>                 | -40°C - 55°C                                       |
| <b>Mounting:</b>                             | Wall mounted                                       |
| <b>Dimensions A x B x C (D+E):</b>           | 380 x 250 x 250 mm                                 |
| <b>Weight:</b>                               | 15.7 kg                                            |
| <b>Voltage / Frequency:</b>                  | 230 V ~ 50/60 Hz                                   |
| <b>UL Voltage / Frequency:</b>               | 230 V ~ 60 Hz                                      |
| <b>Current L35L35:</b>                       | 2.1 A @ 50 Hz<br>2.0 A @ 60 Hz                     |
| <b>Starting current:</b>                     | 5.3 A                                              |
| <b>Max. current:</b>                         | 2.3 A                                              |
| <b>Nominal power L35L35:</b>                 | 430 W @ 50 Hz<br>430 W @ 60 Hz                     |
| <b>Max. power:</b>                           | 500 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>             | 1.6 A                                              |

**Full load current fans:**

0.2 A

**Connection:**

3 core cable for power

5 core cable for signals

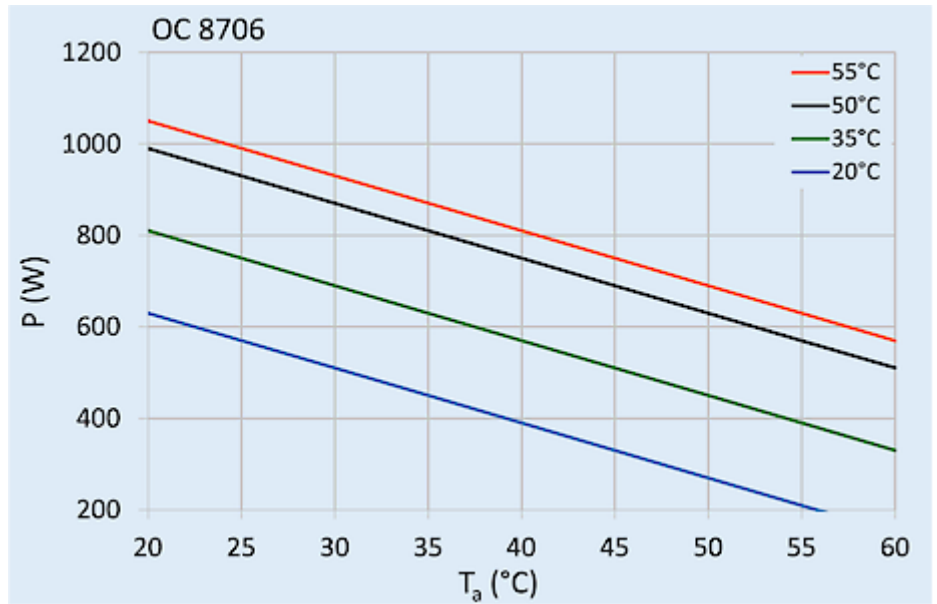
3 pole terminal block for RS 485 MODBUS

Please click on the graphics to download.

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

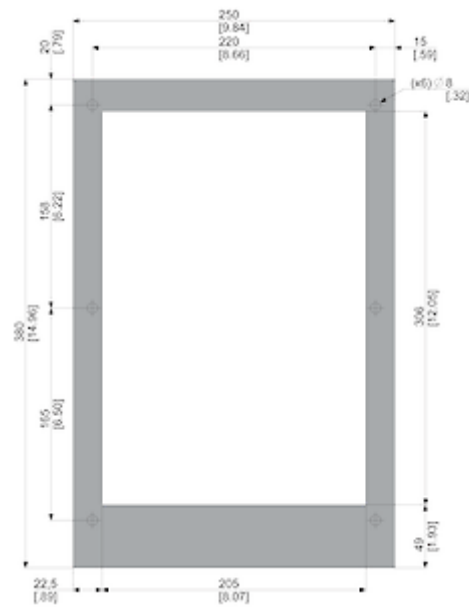
> [Overview Product Group SOLITHERM PROTEC - for aggressive conditions](#)

## Performance graph:



[click image to enlarge](#)

## Dimensions:



[click image to enlarge](#)

## Order Information

**Taric Code**

84158200