

## 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<br>1200 W @ 60 Hz                                               |
| <b>Cooling capacity L35L50 (EN14511-3):</b>  | 800 W @ 50 Hz<br>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<br>435 / 88 psi                                                     |
| <b>Air flow volume (system / unimpeded):</b> | Ambient air circuit: 280 / 550 m³/h<br><br>Cabinet air circuit: 300 / 470 m³/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<br>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<br>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<br>4 pole terminal block for power<br>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](#)

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## Order Information

**Taric code**

84158200