Thermoelectric cooling unit

Description

Order Number:	3102305
Brand Name:	SOLITHERM PELTIER
Housing Material:	Stainless steel AISI 304 (V2A)
IP protection class to EN 60 529:	IP 66 / UL Type 12, 4, 4X
Note:	The torque for the mounting nuts should be 4.5 Nm.
Approvals:	CE, cURus

Accessories:

 Bimetallic temperature controller

 Thermostat 301510
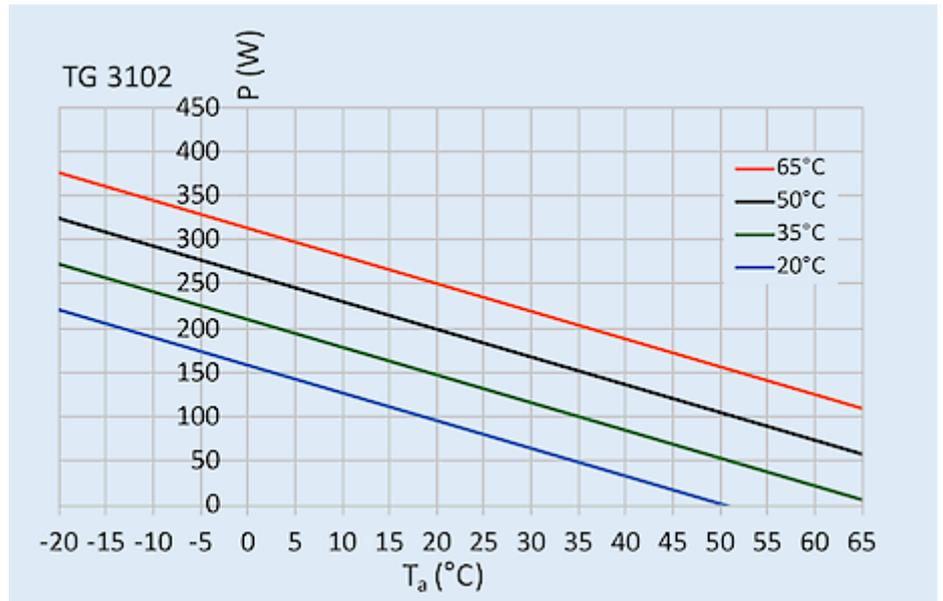
 Condensate Kit 3102 / 6155 / 6205

Technical Data

Cooling capacity L35L35 (EN14511-3):	100 W
Air flow volume (system / unimpeded):	Ambient air circuit: 128 / 213 m³/h
	Cabinet air circuit: 46 / 90 m³/h
Operating Temperature Range:	-20°C - 70°C
UL temperature range:	-20°C - 65°C
Mounting:	Wall mounted (with frame)
Dimensions A x B x C (D+E):	302 x 306 x 141 mm
Weight:	7.4 kg
Cut out dimensions:	270 x 270 mm
Voltage / Frequency:	24 V DC
Current L35L35:	4.8 A
Starting current:	7.4 A
Max. current:	5.6 A
Nominal power L35L35:	124 W
Max. power:	132 W
Fuse:	8 A (T)
Connection:	Connection terminal block

Please click on the graphics to download.
More CAD drawings can be found under Product Download.
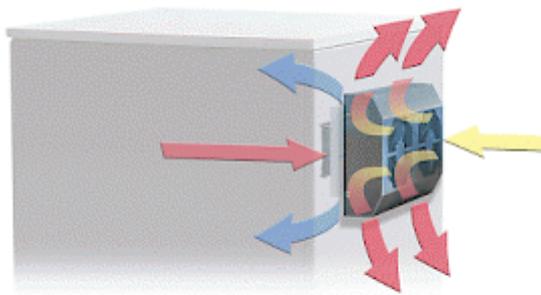> Overview Product Group SOLITHERM PELTIER - cooling units without refrigerant
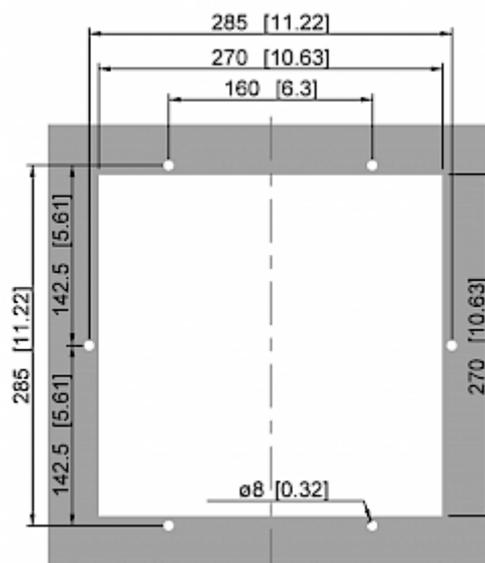
Performance graph:

TG 3102

P (W)

65°C
50°C
35°C
20°C

T_a (°C)

click image to enlarge

Air flow:

click image to enlarge

Cut out Dimensions:

285 [11.22]
270 [10.63]
160 [6.3]
285 [11.22]
142.5 [5.61]
142.5 [5.61]
270 [10.63]
ø8 [0.32]

click image to enlarge

Order Information

Stainless steel AISI 316 (V4A) housing part no.	31023054
Box dimension	235 x 380 x 190.5 mm
Gross weight	9 kg
Taric code	84158300
GTIN (EAN)	5350604350144