


NOTES

1
MOUNTING HOLE PRINT : 98 X 65

2
THE UNIT IS DESIGNED FOR MOUNTING FROM OUTSIDE.
IT CAN BE MOUNTED FROM THE INSIDE, HOWEVER,
IF THE TE MODULE POLARITY IS REVERSED
(+TEM / - TEM ON THE PCB).
DO NOT REVERSE THE FANS POLARITY(+F / -F)

SPECIFICATIONS (Ta=32°C)	CODE #	DESCRIPTION
Heat Transfer Cold side	A	Air
Heat Transfer Warm side	A	Air
Cascade	-	
Cooling Effect	020	20 W at dT=0°C and Ta=32°C
Voltage Nominal	12	12 VDC (14,7 VDC MAX)
Current Nominal		3,1 A at dT=0°C
TE-Module(s)		PE-131-10-13-S
Fan(s) Cold side	2	12VDC, 0.23A, 60x60x25, MTBF 40.000 hrs L10
Fan(s) Warm side	2	12VDC, 0.23A, 60x60x25, MTBF 40.000 hrs L10
Thermostat / Regulation & Sensor	0	None
Thermostat Settings	0	None
Thermostat Trimmable		
Thermostat Accuracy & Hysteresis		
Thermostat Position & Casing	0	None (Connections PC board on Cold side heat sink)
Options: Protections	0	None
Options: Rapid Cooling / Economy		None
Weight		0,95 kg net
Overheating Thermostat		None
Max. operating Temperature		49°C ambient
Enclosed		Mounting Screws(4X)
Packing		Individual paper box

POS.	ITEM No.:	DESCRIPTION	QTY	NOTE
1	Cover	Alu, anodised black	2	removable on cold side
2	Heat sink	Alu, anodised black	2	
3	Fan & Finger guard	Plastics&Chromated steel	2+2	
4	Seal	Polyethylene	1	no CFC
5	Connector	± Input terminal(screws) on PC board	1	TEM & Fans

Qty/Product:	Change: TEM type	Project:	
Designed by: Pavel Cech	Approved by / sign.: Hans Lindberg	Customer:	Date/Rev.No: S-00-10-17
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