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CS 9760.342

Direct Air Cooling (DAC) Systems

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



CS 9760.342 - Direct Air Cooling (DAC) Systems for multifunction housing

Direct Air Cooler roof structure for installation in a multifunctional housing (MFG). The product is ideally suited to compensate very efficiently for high power losses at low delta T in the MFG. By using a highly effective folded filter, ambient air is filtered and fed into the MFG, and the warm internal air can escape via a non-return valve. The DAC is completely integrated in the roof of the MFG housing and thus is protected from vandalism.



Features

Model No.	CS 9760.342
Material	Housing: Aluminum AlMg3
Color	RAL 7035
Supply includes	12-pin WAGO connector
Specific thermal output	110 W/K
Rated operating voltage	48 V (DC)
Rated current max.	per fan with DC: 1.8 A
Type of connection (electrical)	12-pin WAGO connector
Dimensions	Width: 875 mm Height: 125 mm Depth: 313 mm
Note	Characteristic curve and alarms configurable via CS200 PC software. The connection cable must be provided by the customer. Please contact our Customer Service team with any questions regarding the CS200 PC software.
Number of fans	1

Features

Pre-fuse	Miniature circuit-breaker/fuse: 6 A
Temperature control	Microcontroller with USB connection
Operating temperature range	-33 °C...65 °C
Protection category IP to IEC 60529	IP 54 IP 55 (in conjunction with MFG)
Suitable for Model No.	9751.908 9751.912 9751.918
Suitable for	MFG 8 MFG 12 MFG 18
Packaging unit	1 pc(s).
Net weight	9.124
Gross weight	9.66
Customs tariff number	84158300
ETIM 9	EC000320