DATASHEET - MINI-2



Mini compact distribution board, 1-row 2 SU, IP20

Part no. MINI-2 Catalog No. 177066 Alternate Catalog MINI-2

Nο.

EL-Nummer 1702971

(Norway)



Delivery program

Donvory program		
Basic function		Basic device
Product function		Installation distribution boards
Product range		MINI DBO
Design		Surface mounted
Installation site		Indoor
Type of installation		Surface mounting
Door/Flap		Without
Degree of Protection		IP20
Colour		White
Module rack		Single-rail
Shroud for protection against accidental contact		Plastic
Rows	Count	1
Module units per row		2
Description		IP20 Protection Class II Plastic housing white (RAL 9003)
Cable entries		Metric cable entries on top and bottom, side, back plate
PE and N terminals design		Without
Equipment supplied		Basic device

Technical data

General

Conordi			
Standards			IEC/EN 62208
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council)			conform
Ambient temperature		°C	-5 - +40
Degree of Protection			IP20
Protection class			II (totally insulated)
Rated operational voltage	Ue	V AC	400
Rated frequency	f	Hz	50
Material characteristics			
Material			ABS (plastic)
Colour			white (RAL 9003)

Material properties

Mechanical	
Impact resistance	IK05

Design verification as per IEC/EN 61439

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Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_{V}	W	10
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	P_{V}	W	12
IEC/EN 61439 design verification			

O O Otropo other for standard and a series	
0.2 Strength of materials and parts	Mark the state of
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	650 °C; meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Not relevant to indoor installations.
10.2.5 Lifting	Does not apply to enclosures without lifting aids.
10.2.6 Mechanical impact	IK05
10.2.7 Inscriptions	Meets the product standard's requirements.
0.3 Degree of protection of ASSEMBLIES	IP20
0.4 Clearances and creepage distances	Is the panel builder's responsibility.
0.5 Protection against electric shock	Protection class 2, therefore not applicable.
0.6 Incorporation of switching devices and components	Is the panel builder's responsibility.
0.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
0.8 Connections for external conductors	Is the panel builder's responsibility.
0.9 Insulation properties	
10.9.2 Power-frequency electric strength	U _i = 400 V AC
10.9.3 Impulse withstand voltage	2.8 kV
10.9.4 Testing of enclosures made of insulating material	Meets the product standard's requirements.
0.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton w provide heat dissipation data for the devices.
0.11 Short-circuit rating	Is the panel builder's responsibility.
0.12 Electromagnetic compatibility	Is the panel builder's responsibility.
0.13 Mechanical function	Meets the product standard's requirements.

Technical data ETIM 7.0

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (incl. small distribution board) / Small distribution board (ecl@ss10.0.1-27-14-24-09 [ACN387011])

Number of rows Interest of rows <th>(*************************************</th> <th></th> <th></th>	(*************************************		
Width in number of modular spacings 2 Type of cover None Cover model With notch Transparent cover/door No Material housing Plastic Height Image: Microsoft of the properties of	Mounting method		Surface mounted (plaster)
Type of cover None Cover model With notch Transparent cover/door No Material housing Image: Plastic Height Mm 140 Width mm 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 With mounting plate Mo No Extension possible No No EMC-version Yes Ves Colour White White RAL-number 9003 9003 Degree of protection (IP) IP20 With lock No No	Number of rows		1
Cover model With notch Transparent cover/door No Material housing Flastic Height 140 Width 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No No Extension possible No No EMC-version Yes Yes Colour White Yes RAL-number 9003 Yes Degree of protection (IP) Pi20 No	Width in number of modular spacings		2
Transparent cover/door No Material housing Plastic Height mm 140 Width mm 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No Extension possible Yes Colour White RAL-number 9003 Degree of protection (IP) IP20 With lock No	Type of cover		None
Material housing Flastic Height mm 140 Width mm 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No Extension Yes Colour Yes RAL-number White Degree of protection (IP) Mo With lock IP20 No No	Cover model		With notch
Height mm 140 Width mm 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No EMC-version Yes Colour White RAL-number Wold Degree of protection (IP) IP20 With lock No	Transparent cover/door		No
Width mm 53 Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No Extension Quality Yes Colour White RAL-number 9003 Degree of protection (IP) IP20 With lock No	Material housing		Plastic
Depth mm 66 Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No EMC-version Yes Colour White RAL-number 9003 Degree of protection (IP) IP20 With lock No	Height	mm	140
Built-in depth mm 70 Internal depth mm 60 DIN-rail Yes With mounting plate No Extension possible No EMC-version Yes Colour Yes RAL-number White Degree of protection (IP) P003 With lock No	Width	mm	53
Internal depth DIN-rail With mounting plate Extension possible EMC-version Colour RAL-number RAL-number Degree of protection (IP) With lock DIN-rail PM 60 Ves No No No No White White 9003 1P20 No No No No No No No No No N	Depth	mm	66
DIN-rail With mounting plate With mounting possible Extension possible EMC-version Colour RAL-number ROL-number Divided to protection (IP) With lock With lock Yes With lock Yes With lock No No No No No No No No No N	Built-in depth	mm	70
With mounting plate Extension possible EMC-version Colour RAL-number ROUSE POSSIBLE With lock No	Internal depth	mm	60
Extension possible No EMC-version Yes Colour White RAL-number 9003 Degree of protection (IP) IP20 With lock No	DIN-rail		Yes
EMC-versionYesColourWhiteRAL-number9003Degree of protection (IP)IP20With lockNo	With mounting plate		No
Colour White RAL-number 9003 Degree of protection (IP) IP20 With lock No	Extension possible		No
RAL-number 9003 Degree of protection (IP) IP20 With lock No	EMC-version		Yes
Degree of protection (IP) With lock IP20 No	Colour		White
With lock No	RAL-number		9003
	Degree of protection (IP)		IP20
Type of closure Other	With lock		No
	Type of closure		Other

Dimensions 0 140 mm (5.51")

Additional product information (links)

53 mm (2.09")

Product overview (Web)

http://www.eaton.eu/DE/Europe/Electrical/ProductsServices/Residential/index.htm

66 mm (2.6")