



Powering Business Worldwide[®]

Delivery 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		Transparent
Degree of Protection		IP30
Colour		White
Module rack		Single-rail
Shroud for protection against accidental contact		Plastic
Rows	Count	1
Module units per row		3
Description		IP30 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 Standards IEC/EN 62208 RoHS (in accordance with Directive 2002/95/EC of the European Parliament and conform Council) Ambient temperature °C -5 - +40 Degree of Protection IP30 II (totally insulated) Protection class Ue 400 V AC Rated operational voltage f Hz 50 Rated frequency **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, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	CO	10
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P _V	C0	12
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 abnormal heatMeets the product standard's requirements.10.2.3.3 Verification of resistance of insulating materials to abnormal heat660 °C; meets the product standard's requirements.10.2.4 Resistance to ultra-violet (UV) radiationNot relevant to indoor installations.10.2.5 LiftingDes not apply to enclosures without lifting aids.10.2.6 Mechanical impactKK0510.2.7 InscriptionsHeats the product standard's requirements.10.3.0 Begree of protection of ASSEMBLIESIs the panel builder's responsibility.10.4 Clearances and creepage distancesIs the panel builder's responsibility.10.5 Protection against electric shockFrotection class 2, therefore not applicable.10.7 Internal electrical circuits and connectionsIs the panel builder's responsibility.10.8 Connections for external conductorsIs the panel builder's responsibility.10.9.1 Subtation propertiesIs the panel builder's responsibility.10.9.2 Power-frequency electric strengthIs the panel builder's responsibility.10.9.3 Inpulse withstand voltageMeets the product standard's requirements.10.11 Short-circuit ratingMeets the product standard's requirements.10.12 Electromagnetic compatibilityIs the panel builder's responsibility.10.13 Mechanical functionMeets the product standard's requirements.		
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10.11 Short-circuit rating Image: Compatibility compatib	10.9.4 Testing of enclosures made of insulating material	Meets the product standard's requirements.
10.12 Electromagnetic compatibility Is the panel builder's responsibility.	10.10 Temperature rise	
	10.11 Short-circuit rating	Is the panel builder's responsibility.
10.13 Mechanical function Meets the product standard's requirements.	10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
	10.13 Mechanical function	Meets the product standard's requirements.

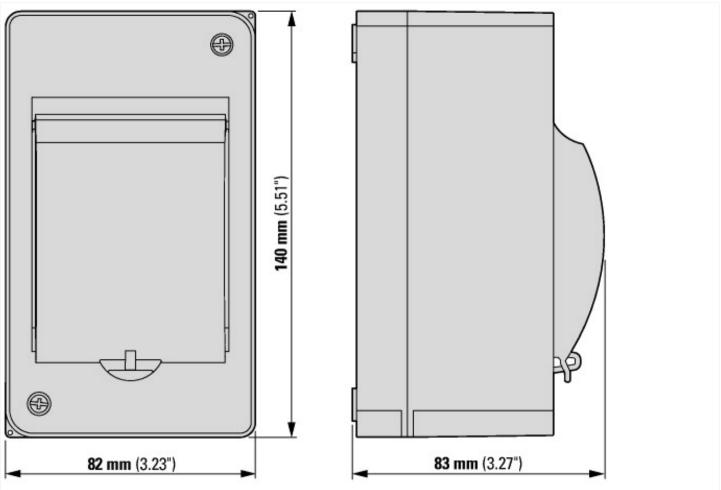
Technical data ETIM 6.0

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@ss8.1-27-14-24-09 [ACN387008])

Mounting method		Surface mounting
Number of rows		1
Width in number of modular spacings		3
Type of cover		Door
Cover model		Closed
Transparent cover/door		Yes
Material housing		Plastic
Height	mm	140
Width	mm	82
Depth	mm	83
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)		IP30
With lock		No

Dimensions



Additional product information (links)

Product overview (Web)

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