F:T.N®



Part no.MINI-2-TArticle no.177071Catalog No.MINI-2-T



### **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		2
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

General			
Standards			IEC/EN 62208
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council) $\label{eq:council}$			conform
Ambient temperature		°C	-5 - +40
Degree of Protection			IP30
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

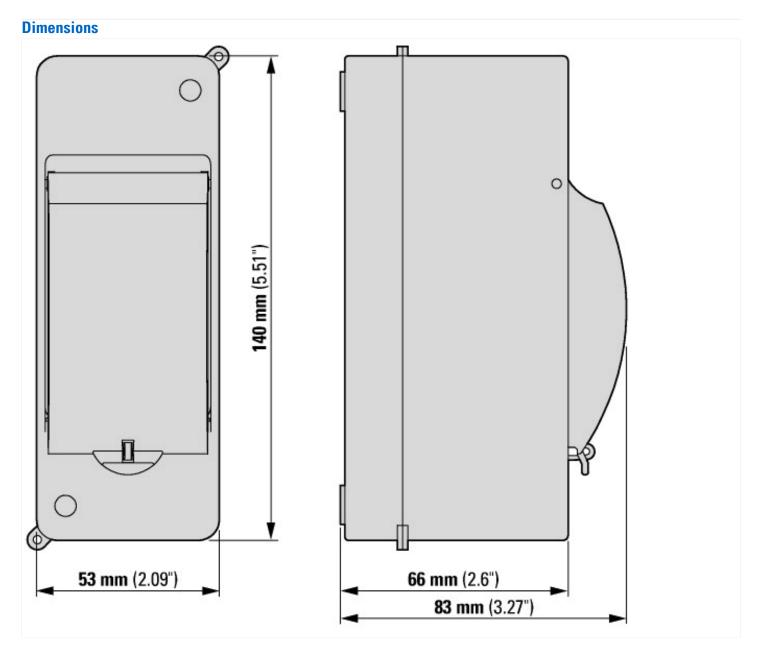
Technical data for design verification			
Heat dissipation, at an ambient temperature of 35°C, delta T: 20 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	C0	10
Heat dissipation, at an ambient temperature of 35°C, delta T: 35 degrees, calculated as per IEC 60890			
Individual enclosure for wall mounting	P <sub>V</sub>	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 normal heat and fire due to internal electric effects   Meets the product standard's requirements.     10.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   Meets the product standard's requirements.     10.2.4 Resistance to ultra-violet (UV) radiation   Meets the product standard's requirements.     10.2.5 Lifting   Does not apply to enclosures without lifting aids.     10.2.6 Mechanical impact   Meets the product standard's requirements.     10.2.7 Inscriptions   Meets the product standard's requirements.     10.2.7 Inscriptions   F80     10.4 Clearances and creepage distances   Meets the product standard's requirements.     10.3 Protection against electric al circuits and connections   Meets the product standard's requirements.     10.3 Incorporation of switching devices and components   Meets the product standard's requirements.     10.3 Incorporation for external conductors   Meets the product standard's requirements.     10.3 Inpulse withstand voltage   U = 400 VAC     10.3 Inpulse withstand voltage   Start the product standard's requirements.		
10.2.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects   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   Not relevant to indoor installations.     10.2.4 Resistance to ultra-violet (UV) radiation   Not relevant to indoor installations.     10.2.5 Uffing   Dees not apply to enclosures without lifting aids.     10.2.6 Mechanical impact   K05     10.2.7 Inscriptions   Meets the product standard's requirements.     10.3.0 Begree of protection of ASSEMBLIES   Meets the product standard's requirements.     10.4 Clearances and components   P30     10.5 Protection against electric shock   Foretoin class 2, therefore not applicable.     10.7 Internal electrical circuits and connections   Foretoin class 2, therefore not applicable.     10.8 Connections for external conductors   In the panel builder's responsibility.     10.9 Insulation properties   In 400 V AC     10.9.1 Standard of ensulating material   Meets the product standard's requirements.     10.10 Temperature rise   In 400 V AC     10.10 Temperature rise   Is the panel builder's responsibility.     10.10 Temperature rise   Is the panel builder is responsibility.     10.11 Shor	10.2.2 Corrosion resistance	Meets the product standard's requirements.
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10.11 Short-circuit rating Image: Short Sh	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 installati (ecl@ss8.1-27-14-24-09 [ACN387008])	ion, device / Electrical c	listribution system (incl. small distribution board) / Small distribution board
Mounting method		Surface mounting
Number of rows		1
Width in number of modular spacings		2
Type of cover		Door
Cover model		Closed
Transparent cover/door		Yes
Material housing		Plastic
Height	mm	140
Width	mm	53
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



#### Additional product information (links)

Product overview (Web)

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