### **DATASHEET - MINI-2-T**



Mini compact distribution board, 1-row 2 SU, IP30

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

No.

**EL-Nummer** 1702976

(Norway)



**Delivery program** 

zomor, 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

		IEC/EN 62208
		conform
	°C	-5 - +40
		IP30
		II (totally insulated)
Ue	V AC	400
f	Hz	50
		ABS (plastic)
		white (RAL 9003)
		IK05
	Ue f	Ue V AC

# 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 in top of the enclosure, calculated as per IEC 60890			
Individual enclosure for wall mounting	Pv	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	Pv	W	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	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.
10.3 Degree of protection of ASSEMBLIES	IP30
10.4 Clearances and creepage distances	Is the panel builder's responsibility.
10.5 Protection against electric shock	Protection class 2, therefore not applicable.
10.6 Incorporation of switching devices and components	Is the panel builder's responsibility.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9 Insulation properties	
10.9.2 Power-frequency electric strength	U <sub>i</sub> = 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.
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility.
10.13 Mechanical function	Meets the product standard's requirements.

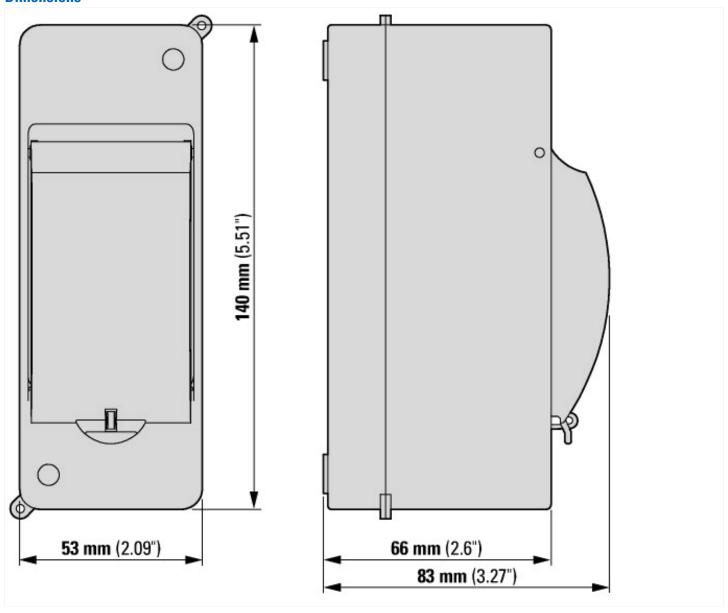
### **Technical data ETIM 7.0**

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         In the promodular spacings         1           Expect occorer         Image: Coccorer model         Image			
With in number of modular spacings         2           Type of cover         Door           Cover model         Closed           Transparent cover/door         Yes           Material housing         Image: Plastic           Height         mm         3           With the Middle And Company         mm         3           Deepth         mm         3           Built-in depth         mm         70           Internal depth         mm         6           With mounting plate         yes           Extension possible         No           Extension possible         Yes           Extension possible	Mounting method		Surface mounted (plaster)
Expect over         Door           Cover model         Closed           Gransparent cover/door         Yes           Material housing         Image: Plastic           Height         Image: Plastic           Depth         Image: Plastic           Depth         Image: Plastic           Depth         Image: Plastic           Built-in depth         Image: Plastic           DiN-rail         Image: Plastic           DiN-rail         Yes           With mounting plate         Image: Plastic           Extension possible         Image: Plastic planting plan	Number of rows		1
Cover model         Closed           Gransparent cover/door         Yes           Material housing         Image: Plastic           Height         Mm         140           Width         mm         53           Depth         mm         83           Built-in depth         mm         70           Internal depth         mm         60           With mounting plate         Yes           Extension possible         No           Extension possible         Yes           Colour         White           RAL-number         9003           Degree of protection (IP)         Pi30           With lock         No	Width in number of modular spacings		2
Aderial housing         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           Extension possible         No           Extension Possible         Withe           Extension Possible         Within	Type of cover		Door
Material housing         Plastic           Height         mm         140           Width         mm         53           Depth         mm         83           Built-in depth         mm         70           Internal depth         mm         60           With mounting plate         Ves         No           Extension possible         No         Ves           EMC-version         Ves         Ves           Colour         White         White           SAL-number         9003         Place           Degree of protection (IP)         IP30         No           With lock         No         No	Cover model		Closed
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           Extension possible         Yes           Colour         Yes           RAL-number         White           Degree of protection (IP)         P30           With lock         No	Transparent cover/door		Yes
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           Extension         Yes           Colour         White           RAL-number         9003           Degree of protection (IP)         IP30           With lock         No	Material housing		Plastic
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	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         White           Colour         White           Colour         White           Colour         Pool	Width	mm	53
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	Depth	mm	83
Vith mounting plate  No  No  Vith mounting plate  No  No  Vith mounting plate  No  No  No  No  No  No  No  No  No  N	Built-in depth	mm	70
With mounting plateNoExtension possibleNoEMC-versionYesColourWhiteRAL-number9003Degree of protection (IP)IP30With lockNo	Internal depth	mm	60
Extension possible         No           EMC-version         Yes           Colour         White           RAL-number         9003           Degree of protection (IP)         IP30           With lock         No	DIN-rail		Yes
EMC-version         Yes           Colour         White           RAL-number         9003           Degree of protection (IP)         IP30           With lock         No	With mounting plate		No
Colour White RAL-number 9003 Degree of protection (IP) IP30 With lock No	Extension possible		No
RAL-number 9003 Degree of protection (IP) IP30 With lock No	EMC-version		Yes
Degree of protection (IP)  With lock  No	Colour		White
Nith lock No	RAL-number		9003
	Degree of protection (IP)		IP30
Type of closure Other	With lock		No
	Type of closure		Other

## **Dimensions**



## **Additional product information (links)**

Product overview (Web)

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