DATASHEET - MINI-6-ST

Mini compact distribution board, 1-row 6 SU, IP30

Part no. MINI-6-ST
177075

EL Number (Norway) 1702980

Product name	Eaton xComfort Micro/Mini mini series
Part no.	MINI-6-ST
EAN	4015081715183
Product Length/Depth	83 millimetre
Product height	140 millimetre
Product width	130 millimetre
Product weight	0.28 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 62208
Product Tradename	xComfort Micro/Mini
Product Type	Mini series
Product Sub Type	None
Type	Basic device Installation distribution board MINI distribution board
Application	Indoor (installation site)
Color	White Signal white (RAL 9003)
Voltage rating at AC	400 V AC
Frequency rating of contacts	50 Hz
Closure type	Other
Enclosure material	Plastic
Width in number of modular spacings	6
Mounting method	Surface mounting Surface mounted (plaster) DIN-rail
Material	ABS (plastic)
Degree of protection	IP30 IK05 (impact resistance)
Number of module space units per row	6
Number of rows	1
Terminal type	Screw terminals
PE and N terminal number and cross section	N: 1 x 16 mm^2 PE: 6 x 10 mm^2
Built-in depth	70 mm
Built-in height	0 mm
Built-in width	0 mm
Internal depth	60 mm
Cover/door color	Transparent
Cover/door model	Closed
Cover/door type	Door
Module rack type	Single-rail
Protective shrouding material	Plastic
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	11 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	13 W
Ambient operating temperature details	-5 °C - 40 °C

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 Power-frequency electric strength		Ui = 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.
Features		EMC-version
Fitted with:		Basic device Neutral-/protective conductor terminal
Functions		Basic device
Protection class		II (totally insulated)
RAL-number		9003
Special features		IP30 Protection Class II Plastic housing white (RAL 9003)
Used with		Basic device Installation distribution board MINI distribution board

Technical data ETIM 8.0

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])

Mounting method		Surface mounted (plaster)
Number of rows		1
Width in number of modular spacings		6
Type of cover		Door
Cover model		Closed
Transparent cover/door		Yes
Material housing		Plastic
Height	mm	140
Width	mm	130
Depth	mm	83
Built-in depth	mm	70
Built-in height	mm	0
Built-in width	mm	0
Internal depth	mm	60
Earthing terminal block		No
Neutral terminal block		No
DIN-rail		Yes
With mounting plate		No

Extension possible	No
EMC-version	Yes
Colour	White
RAL-number	9,003
Degree of protection (IP)	IP30
With lock	No
Type of closure	Other
Signal passing door	No

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