DATASHEET - MINI-5-ST

Mini compact distribution board, 1-row 5 SU, IP30

Part no. MINI-5-ST
177074

EL Number (Norway) 1702979

Product name	Eaton xComfort Micro/Mini mini series
Part no.	MINI-5-ST
EAN	4015081715176
Product Length/Depth	83 millimetre
Product height	140 millimetre
Product width	120 millimetre
Product weight	0.16 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	Signal white (RAL 9003) White
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	5
Mounting method	DIN-rail Surface mounted (plaster) Surface mounting
Material	ABS (plastic)
Degree of protection	IP30 IK05 (impact resistance)
Number of module space units per row	5
Number of rows	1
Terminal type	Screw terminals
PE and N terminal number and cross section	N: 1 x 16 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			MINI distribution board Installation distribution board Basic device

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			5
Type of cover			Door
Cover model			Closed
Transparent cover/door			Yes
Material housing			Plastic
Height		mm	140
Width		mm	120
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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