DATASHEET - MINI-6

Mini compact distribution board, 1-row 6 SU, IP20

Part no. MINI-6
177070

EL Number (Norway) 1702975

Product name	Eaton xComfort Micro/Mini mini series
Part no.	MINI-6
EAN	4015081715138
Product Length/Depth	66 millimetre
Product height	140 millimetre
Product width	130 millimetre
Product weight	0.23 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 mounted (plaster) DIN-rail Surface mounting
Material	ABS (plastic)
Degree of protection	IK05 (impact resistance) IP20
Number of module space units per row	6
Number of rows	1
Terminal type	Without terminals
Built-in depth	70 mm
Built-in height	0 mm
Built-in width	0 mm
Internal depth	60 mm
Cover/door model	With notch
Cover/door type	None
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			IP20
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
Functions			Basic device
Protection class			II (totally insulated)
RAL-number			9003
Special features			IP20 Protection Class II Plastic housing white (RAL 9003)
Used with			Installation distribution board Basic device 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			None
Cover model			With notch
Transparent cover/door			No
Material housing			Plastic
Height		mm	140
Width		mm	130
Depth		mm	66
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)			IP20
With lock			No
Type of closure			Other
Signal passing door			No

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