DATASHEET - MICRO-2

Micro compact distribution board, 1-row 2 SU IP30

Part no.	**MICRO-2**
	177081
EL Number (Norway)	**1702969**

General specifications	
Product name	Eaton xComfort Micro/Mini LV systems Final Distribution Boards
Part no.	MICRO-2
EAN	4015081715244
Product Length/Depth	58 millimetre
Product height	125 millimetre
Product width	44 millimetre
Product weight	0.07 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 62208
Product Tradename	xComfort Micro/Mini
Product Type	LV systems
Product Sub Type	Final Distribution Boards
Delivery program	
Type	Basic device Installation distribution board MICRO distribution board
Application	Indoor (installation site)
Color	Signal white (RAL 9003) White
Technical Data - Electrical	
Voltage rating at AC	400 V AC
Frequency rating of contacts	50 Hz
Technical Data - Mechanical	
Closure type	Other
Enclosure material	Plastic
Width in number of modular spacings	2
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	2
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	53 mm
Cover/door model	With notch
Cover/door type	Other None
Module rack type	Single-rail
Protective shrouding material	Plastic
Temperature-rise verification as per IEC 60890	
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	10 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	12 W
Design verification as per IEC/EN 61439 - technical data	
Ambient operating temperature details	-5 °C - 40 °C
Design verification as per IEC/EN 61439	

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.

Additional information

Features			EMC-version
Fitted with:			Basic device
Functions			Basic device
Protection class			II (totally insulated)
RAL-number			9003
Special features			IP30 Protection Class II Plastic housing white (RAL 9003)

Technical data ETIM 9.0

Distribution boards (EG000023) / Small distribution board (EC000214)

Electric engineering, automation, process control engineering / Electrical installation, device / Electrical distribution system (including small distribution board) / Small distribution board (ecl@ss13-27-14-24-09 [ACN387016])

Mounting method			Surface mounted
Number of rows			1
Width in number of modular spacings			2
Type of covering			None
Cover model			With notch
Type of door			Other
Transparent cover/door			No
Signal passing door			No
With lock			No
Type of closure			Other
Housing material			Plastic
Built-in depth		mm	70
Built-in height		mm	0
Built-in width		mm	0
Inner depth		mm	53
Earthing terminal block			No
Neutral terminal block			No
DIN-rail			Yes
With mounting plate			No
Extension possible			No
EMC-version			Yes
UV resistant			No

Colour			White
RAL-number			9003
Degree of protection (IP)			IP30
Height		mm	125
Width		mm	44
Depth		mm	58

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