IKA standard distribution board, IP65 without clamps



Part no. IKA-1/4-0T 174203

EL Number 1702937

(Norway)

(Norway)	
General specifications	
Product name	Eaton xComfort IKA standard series
Part no.	IKA-1/4-0T
EAN	4015081706655
Product Length/Depth	110 millimetre
Product height	231 millimetre
Product width	166 millimetre
Product weight	0.66 kilogram
Compliances	RoHS conform
Certifications	EN 62208 IEC/EN 60670-24
Product Tradename	xComfort IKA
Product Type	Standard series
Product Sub Type	None
Delivery program	
Туре	Basic device IKA standard distribution board Installation distribution board
Application	Indoor (installation site)
Color	Gray Light gray (RAL 7035)
Technical Data - Electrical	
Voltage rating at AC	415 V AC
Frequency rating of contacts	50 Hz
Technical Data - Mechanical	
Closure type	Other
Enclosure material	Plastic
Width in number of modular spacings	4
Mounting method	Surface mounting DIN-rail Surface mounted (plaster)
Material	ABS (plastic)
Degree of protection	IK08 (impact resistance) IP65
Number of module space units per row	4
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 color	Transparent
Cover/door model	With notch
Cover/door type	Door Single
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)	11 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	22 W
Design verification as per IEC/EN 61439 - technical data	

10.2.2 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. 650 °C; meets the product standard's requirements.
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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	IK08
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	IP65
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 = 1000 V AC
10.9.3 Impulse withstand voltage	3.3 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.
dditional information	
Fitted with:	Sealing caps Current circuit designation Locking screws can be sealed Device support rails Basic device
Functions	Basic device Extension possible
Protection class	II (totally insulated)
RAL-number	7035
Special features	IP65 Protection Class II Plastic enclosure gray (RAL 7035)
Used with	IKA standard distribution board Installation distribution board Basic device

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			4
Type of covering			Door
Cover model			With notch
Type of door			Single
Transparent cover/door			Yes
Signal passing door			No
With lock			No
Type of closure			Other
Housing material			Plastic
Built-in depth	r	mm	70
Built-in height	r	mm	0
Built-in width	r	mm	0
Inner depth	n	mm	60
Earthing terminal block			No

Neutral terminal block		No
DIN-rail		Yes
With mounting plate		No
Extension possible		Yes
EMC-version		No
UV resistant		No
Colour		Grey
RAL-number		7035
Degree of protection (IP)		IP65
Height	mm	231
Width	mm	166
Depth	mm	110