DATASHEET - IKA-2/24-OT

IKA standard distribution board, IP65 without clamps

Part no.	**IKA-2/24-OT**
	174207
EL Number (Norway)	**1702941**

Product name	Eaton xComfort IKA standard series
Part no.	IKA-2/24-OT
EAN	4015081706693
Product Length/Depth	145 millimetre
Product height	436 millimetre
Product width	310 millimetre
Product weight	2.51 kilogram
Compliances	RoHS conform
Certifications	EN 62208 IEC/EN 60670-24
Product Tradename	xComfort IKA
Product Type	Standard series
Product Sub Type	None
Type	Basic device IKA standard distribution board Installation distribution board
Application	Indoor (installation site)
Color	Gray Light gray (RAL 7035)
Voltage rating at AC	415 V AC
Frequency rating of contacts	50 Hz
Closure type	Other
Enclosure material	Plastic
Width in number of modular spacings	12
Mounting method	Surface mounted (plaster) Surface mounting DIN-rail
Material	ABS (plastic)
Degree of protection	IP65 IK08 (impact resistance)
Number of module space units per row	12
Number of rows	2
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
Module rack type	Rail frame
Protective shrouding material	Plastic
Heat diss. ambient 35°C delta T:20°C wall mount individ. encl. top (IEC 60890)	30 W
Heat diss. ambient 35°C delta T:35°C wall mount individ. encl. top (IEC 60890)	59 W
Ambient operating temperature details	-25 °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			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.
Fitted with:			Current circuit designation Locking screws can be sealed Device support rails Basic device Sealing caps
Functions			Extension possible Basic device
Protection class			II (totally insulated)
RAL-number			7035
Special features			IP65 Protection Class II Plastic enclosure gray (RAL 7035)
Used with			Installation distribution board Basic device IKA standard 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			2
Width in number of modular spacings			12
Type of cover			Door
Cover model			With notch
Transparent cover/door			Yes
Material housing			Plastic
Height		mm	436
Width		mm	310
Depth		mm	145
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	Yes
EMC-version	No
Colour	Grey
RAL-number	7,035
Degree of protection (IP)	IP65
With lock	No
Type of closure	Other
Signal passing door	No

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