

Eaton 174196

Eaton xComfort IKA LV systems Final
Distribution Boards. IKA professional
distribution board, IP65 + clamps, 1/8-ST

PRODUCT NAME	Eaton xComfort IKA professional series
CATALOG NUMBER	174196
PRODUCT LENGTH/DEPTH	115 mm
PRODUCT HEIGHT	231 mm
PRODUCT WIDTH	238 mm
PRODUCT WEIGHT	0.92 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN 62208 IEC/EN 60670-24

USED WITH	Installation distribution board
	Basic device IKA professional distribution board
SPECIAL FEATURES	<ul style="list-style-type: none"> • IP65 • Protection Class II • Plastic enclosure gray (RAL 7035)
TYPE	<ul style="list-style-type: none"> • Basic device • IKA professional distribution board • Installation distribution board
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.
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	IK08

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eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf
eaton-lighting-enclosure-xcomfort-ika-lv-systems-dimensions-014.eps
eaton-lighting-enclosure-xcomfort-ika-lv-systems-dimensions-005.eps

IMPACT	
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.
FITTED WITH:	Sealing caps Basic device Device support rails Neutral-/protective conductor terminal Locking screws can be sealed Current circuit designation
ENCLOSURE MATERIAL	Plastic
BUILT-IN HEIGHT	0 mm
BUILT-IN WIDTH	0 mm
CABLE ENTRY POSTION	Metric cable entries on top and bottom, back plate
TERMINAL TYPE	Screw terminals
BUILT-IN DEPTH	70 mm
HEAT DISS. AMBIENT 35°C DELTA T:20°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	14 W
CLOSURE TYPE	Other
COVER/DOOR COLOR	Transparent

COVER/DOOR MODEL	With notch
COVER/DOOR TYPE	Door Single
RAL-NUMBER	7035
WIDTH IN NUMBER OF MODULAR SPACINGS	8
AMBIENT OPERATING TEMPERATURE DETAILS	-25 °C - 40 °C
APPLICATION	Indoor (installation site)
VOLTAGE RATING AT AC	415 V AC
COLOR	Gray Light gray (RAL 7035)
NUMBER OF ROWS	1
FREQUENCY RATING OF CONTACTS	50 Hz
MODULE RACK TYPE	Single-rail
DEGREE OF PROTECTION	IP65 IK08 (impact resistance)
NUMBER OF MODULE SPACE UNITS PER ROW	8
PROTECTION CLASS	II (totally insulated)
PROTECTIVE SHROUDING MATERIAL	Plastic
FUNCTIONS	Basic device Extension possible Sealable
MATERIAL	ABS (plastic)
MOUNTING METHOD	Surface mounted (plaster) Surface mounting DIN-rail
HEAT DISS. AMBIENT 35°C DELTA T:35°C WALL MOUNT INDIVID. ENCL. TOP (IEC 60890)	29 W
INTERNAL DEPTH	60 mm
PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 4 x (2.5 mm ² - 6 mm ²) + 4 x (4 mm ² - 10 mm ²) + 1 x (16 mm ² - 35 mm ²) N: 4 x (2.5 mm ² - 6 mm ²) + 4 x (4 mm ² - 10 mm ²) + 1 x (16 mm ² - 35 mm ²)
NUMBER OF OPENINGS FOR SOCKET OUTLETS	0

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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