

Specifications



Eaton 193170

Eaton xEnergy Basic EWK small distribution board. Wall-mounted enclosure EWK complete, IP31, 288 SU, protection class II, HxWxD=950x1050x230mm

General specifications

PRODUCT NAME	Eaton xEnergy Basic EWK small distribution board
CATALOG NUMBER	193170
MODEL CODE	EWK-G46/31
EAN	9010238008335
PRODUCT LENGTH/DEPTH	230 mm
PRODUCT HEIGHT	950 mm
PRODUCT WIDTH	1050 mm
PRODUCT WEIGHT	42.8 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208

Additional information

FEATURES	EMC-version Earthing terminal block Neutral terminal block
FITTED WITH:	Locking screws can be sealed Enclosure Installation panel for modular installation devices Neutral-/protective conductor terminal
FUNCTIONS	Basic device Extension possible Sealable
PROTECTION CLASS	II (totally insulated)
RAL-NUMBER	9016
SPECIAL FEATURES	IP31 Protection Class II Steel sheet enclosure white (RAL 9016)
USED WITH	EWK DBO Basic device Installation distribution boards

Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE DETAILS	-5 °C - 40 °C
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Delivery programme

APPLICATION	Indoor
COLOR	Traffic white (RAL 9016) White
TYPE	Basic device ECO distribution board Installation distribution board

Technical data - electrical

FREQUENCY RATING OF CONTACTS	50 Hz
VOLTAGE RATING AT AC	400 V AC

Technical data - mechanical

BUILT-IN DEPTH	230 mm
BUILT-IN HEIGHT	950 mm
BUILT-IN WIDTH	1050 mm
CABLE ENTRY POSTION	Cable entries on top and bottom via F3A flange (not part of delivery), back plate
CLOSURE TYPE	Other
COVER/DOOR COLOR	White
COVER/DOOR MODEL	Closed
COVER/DOOR TYPE	Door Double
ENCLOSURE MATERIAL	Steel
INTERNAL DEPTH	128 mm
MATERIAL	Polystyren (plastic) Sheet steel, powder-coated
MODULE RACK TYPE	Rail frame
MOUNTING METHOD	Surface mounting Surface mounted (plaster) DIN-rail
NUMBER OF MODULE SPACE UNITS PER ROW	48
NUMBER OF ROWS	6
PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 4 x 6 x (1.5 mm ² - 16 mm ²) N: 4 x 21 x (0.75 mm ² - 4 mm ²)
PROTECTIVE SHROUDING MATERIAL	Plastic
TERMINAL TYPE	Plug-in terminals
WIDTH IN NUMBER OF MODULAR SPACINGS	48
DEGREE OF PROTECTION	IP31 IK08 (impact resistance)

Resources

BROCHURES	eaton-xcomfort-compact-distribution-boxes-brochure-br014015en-en-us.pdf eaton-xenergy-basic-ewk-flyer-fl019004en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-small-distribution-board-declaration-of-conformity-eu260053en.pdf
DRAWINGS	eaton-low-voltage-switch-gear-dimensions-1230dim-443.eps
MCAD MODEL	eaton-empty-consumer-units-mcad-drawings-ewk-g46-31.dwg eaton-empty-consumer-units-mcad-3d-models-ewk-g46-31.stp

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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