

Specifications



Eaton 193158

Eaton xEnergy Basic EWK small distribution board. Wall-mounted enclosure EWK complete, IP31, 48 SU, protection class II, HxWxD=650x300x230mm

General specifications

PRODUCT NAME	Eaton xEnergy Basic EWK small distribution board
CATALOG NUMBER	193158
MODEL CODE	EWK-G14/31
EAN	9010238007413
PRODUCT LENGTH/DEPTH	230 mm
PRODUCT HEIGHT	650 mm
PRODUCT WIDTH	300 mm
PRODUCT WEIGHT	12.9 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 62208



Powering Business Worldwide

Additional information

FEATURES

EMC-version
Earthing terminal block
Neutral terminal block

FITTED WITH:

Installation panel for modular installation devices
Locking screws can be sealed
Neutral-/protective conductor terminal
Enclosure

FUNCTIONS

Extension possible
Basic device
Sealable

PROTECTION CLASS

II (totally insulated)

RAL-NUMBER

9016

SPECIAL FEATURES

IP31 Protection Class II
Steel sheet enclosure
white (RAL 9016)

USED WITH

Basic device
Installation distribution boards
EWK DBO

Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE DETAILS

-5 °C - 40 °C

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	650 mm
BUILT-IN WIDTH	300 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 Single
ENCLOSURE MATERIAL	Steel
INTERNAL DEPTH	128 mm
MATERIAL	Polystyren (plastic) Sheet steel, powder-coated
MODULE RACK TYPE	Rail frame
MOUNTING METHOD	Surface mounted (plaster) Surface mounting DIN-rail
NUMBER OF MODULE SPACE UNITS PER ROW	12
NUMBER OF ROWS	4
PE AND N TERMINAL NUMBER AND CROSS SECTION	PE: 6 x (1.5 mm ² - 16 mm ²) N: 21 x (0.75 mm ² - 4 mm ²)
PROTECTIVE SHROUDING MATERIAL	Plastic
TERMINAL TYPE	Plug-in terminals
WIDTH IN NUMBER OF MODULAR SPACINGS	12
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-3d-models-ewk-g14-31.stp
	eaton-empty-consumer-units-mcad-drawings-ewk-g14-31.dwg

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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