Specifications



Eaton 284649

Eaton xEffect SASY 60i Enclosures Switch- & Controlgear Enclosure. Switch-disconnector, 63A, 400 V, 3p, D02

General specifications	
PRODUCT NAME	Eaton xEffect SASY 60i busbar system device D02
CATALOG NUMBER	284649
MODEL CODE	D02-S/63/3-RS
EAN	4015082846497
PRODUCT LENGTH/DEPTH	212 mm
PRODUCT HEIGHT	98 mm
PRODUCT WIDTH	36 mm
PRODUCT WEIGHT	0.26 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60947-3

Additional information

FUNCTIONS	D fuse switch-disconnector without flashing function Uninterrupted operation (Control mode) Busbar fuse material
SPECIAL FEATURES	• Complete and functional fuse element consists of the basic device, fuse unit, fitted screw, screw cap • Including protective shroud with front and bottom plate • Delivery, empty, without screw cap
USED WITH	30 mm x 5/10 mm rail 20 mm x 5/10 mm rail Double T profile 185 mm system 60 mm system Gauge ring

Delivery program

AMPERAGE RATING	63 A
NUMBER OF POLES	Three-pole
TYPE	• 185 mm system • 60 mm system • Gauge ring

Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX	55 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
HEAT DISSIPATION PER CONTACT WITH FUSE LINK AT IE	7.5 W
PERMITTED HEAT LOSS FROM FUSE LINKS - MAX	5.5 W

Technical data - electrical

CONVENTIONAL THERMAL CURRENT ITH OF AUXILIARY CONTACTS (1-POLE, OPEN)	63 A
CURRENT HEAT LOSS PER CONTACT AT IE	2 W
FREQUENCY RATING	40 Hz - 60 Hz
FREQUENCY RATING OF CONTACTS	40 Hz - 60 Hz
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
RATED CONDITIONAL SHORT-CIRCUIT CURRENT TESTED WITH LINKS	50 kA
RATED CONDITIONAL SHORT-CIRCUIT RATING	50 kA
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	8 kV
RATED OPERATION CURRENT (IE)	63 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	400 V
UTILIZATION CATEGORY	AC-23 B
VOLTAGE RATING	400 V AC

Technical data - mechanical

CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONSTRUCTION SIZE	D02
DEGREE OF PROTECTION	IP30 enclosed IP30
DISTANCE BETWEEN BUSBAR CENTERS	60 mm
ENCLOSURE WIDTH	212 mm
FRAME	E18, D02
MOUNTING METHOD	Busbar with 60 mm clearance
MOUNTING POSITION	Vertical or horizontal
MOUNTING WIDTH	36 mm per pole
TERMINAL CAPACITY (SOLID CABLE)	1.5 mm² - 25 mm² at box terminal
TERMINALS	Lift terminals
THREAD TYPE	E18

Resources

BROCHURES	eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf
CERTIFICATION REPORTS	eaton-xeffect-sasy-60i-declaration-of-conformity.pdf
DRAWINGS	eaton-mcb-mounting-xeffect-sasy-enclosure-dimensions.eps eaton-mcb-mounting-xeffect-sasy-enclosure-3d-drawing.eps
TECHNICAL DATA SHEETS	eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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