

Specifications



Eaton 276283

Main load disconnect Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 415 V, 100 A, 2P

General specifications

PRODUCT NAME	Eaton Moeller series IS Disconnecter
CATALOG NUMBER	276283
MODEL CODE	IS-100/2
EAN	4015082762834
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	35.4 mm
PRODUCT WEIGHT	0.207 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	EN45545-2 IEC 61373



Powering Business Worldwide

Delivery program

TYPE	IS. Main load disconnect switch
AMPERAGE RATING	100 A
APPLICATION	Switchgear for industrial and advanced commercial applications
NUMBER OF POLES	Two-pole

Technical data - mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS	2
DEGREE OF PROTECTION	IP40 IP10
BUILT-IN DEPTH	69.5 mm
TERMINALS	Lift terminal
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
COLOR CALOTTE	Other
LAMP SOCKET	Other
LAMP TYPE	Other
SWITCH TYPE	Other Off switch

Additional information

IMPRINT/INDICATION	Symbol "arrows"
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Technical data - electrical

RATED OPERATIONAL VOLTAGE (UE) - MAX	415 V
VOLTAGE TYPE	AC
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	2 kA
RATED SWITCHING CAPACITY	10 kA
VOLTAGE RATING - MIN	240 V

Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-5 °C
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	3.9 W
HEAT DISSIPATION CAPACITY	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	7.8 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	100 A

Resources

DECLARATIONS OF CONFORMITY	eaton-disconnector-declaration-of-conformity-eu250428en.pdf
DRAWINGS	eaton-dimensions-mas-is.jpg 122I171
ECAD MODEL	ETN.IS-100_2.edz
MCAD MODEL	eaton-main-load-disconnector-switch-mcad-3d-models-is-2p.stp

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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