

Specifications



Photo is representative

Eaton 276285

Main load disconnect Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 240/415 V, 100 A, 4P

General specifications

PRODUCT NAME	Eaton Moeller series IS Disconnecter
CATALOG NUMBER	276285
MODEL CODE	IS-100/4
EAN	4015082762858
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	70.8 mm
PRODUCT WEIGHT	0.419 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	Four-pole

Technical data - mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS	4
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)	4
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	11.8 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 122I173
ECAD MODEL	ETN.IS-100_4.edz
MCAD MODEL	eaton-main-load-disconnector-switch-mcad-3d-models-is-4p.stp

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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