Specifications



Photo is representative





Eaton 276284

Main load disconnector Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 240/415 V, 100 A, 3P

General specifications	
PRODUCT NAME	Eaton Moeller series IS Disconnector
CATALOG NUMBER	276284
MODEL CODE	IS-100/3
EAN	4015082762841
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	53.1 mm
PRODUCT WEIGHT	0.314 kg
COMPLIANCES	RoHS conform

Delivery program

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

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

Technical data - mechanical

WIDTH IN NUMBER OF MODULAR SPACINGS	3
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)	3
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
COLOR CALOTTE	Other
LAMP SOCKET	Other
LAMP TYPE	Other
SWITCH TYPE	Other Off switch

Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-35 °C
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	3.9 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	100 A

Additional information

IMPRINT/INDICATION	Symbol "arrows"

Resources

DECLARATIONS OF CONFORMITY	eaton-disconnector-declaration-of-conformity-eu250428en.pdf eaton-main-load-disconnector-switch-declaration-uk260114en.pdf
DRAWINGS	eaton-main-load-disconnector-switch-drawing-122i172.eps
ECAD MODEL	ETN.IS-100_3.edz
MCAD MODEL	eaton-main-load-disconnector-switch-mcad-drawings-is-3p.dwg eaton-main-load-disconnector-switch-mcad-3d-models-is-3p.stp

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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