Specifications







Eaton 276280

Main load disconnector Switch with isolation function, highly wear resistant contacts and classified for the use in rail rolling stock, 240/415 V, 80 A, 3P

General specifications	
PRODUCT NAME	Eaton Moeller series IS Disconnector
CATALOG NUMBER	276280
MODEL CODE	IS-80/3
EAN	4015082762803
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	53.1 mm
PRODUCT WEIGHT	0.314 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	CE

Delivery program

TYPE	IS. Main load disconnector switch
AMPERAGE RATING	80 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	12.5 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

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	2.6 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	80 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-80_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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