

Specifications



Photo is representative

Eaton 142831

Main load disconnect Switch with isolation function, highly wear resistant contacts, 240/415 V, 100 A, 4P

General specifications

PRODUCT NAME	Eaton HIS Disconnecter
CATALOG NUMBER	142831
EAN	4015081395316
PRODUCT LENGTH/DEPTH	60 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	70.8 mm
PRODUCT WEIGHT	0.419 kg
COMPLIANCES	RoHS conform
MODEL CODE	HIS-100/4



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Product specifications

DEGREE OF PROTECTION	IP40 IP10
TERMINALS	Lift terminal
IMPRINT/INDICATION	Symbol "arrows"
LAMP SOCKET	Other
AMBIENT OPERATING TEMPERATURE - MAX	40 °C
AMBIENT OPERATING TEMPERATURE - MIN	-5 °C
BUILT-IN DEPTH	69.5 mm
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	3.9 W
LAMP POWER	0 W
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
AMPERAGE RATING	100 A
COLOR CALOTTE	Other
SWITCH TYPE	Off switch
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	2 kA
VOLTAGE TYPE	AC
LAMP TYPE	Other
TYPE	HIS. Main load disconnect switch
APPLICATION	Switchgear for residential applications
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	4
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	100 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	415 V
RATED SWITCHING CAPACITY	10 kA
VOLTAGE RATING - MIN	240 V
WIDTH IN NUMBER OF MODULAR SPACINGS	4

Resources

DECLARATIONS OF CONFORMITY	03_his_021219.pdf
	DA-DC-03_HIS
DRAWINGS	eaton-dimensions-mas-is.jpg
WIRING DIAGRAMS	IS_4P

NUMBER OF POLES

Four-pole

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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