Specifications



Eaton 120853

Eaton Z-SCH Installation contactor, 230VAC, 2N/O, 25A

General specifications	
PRODUCT NAME	Eaton Z-SCH contactor
CATALOG NUMBER	120853
MODEL CODE	Z-SCH230/1/25-20
EAN	4015081186839
PRODUCT LENGTH/DEPTH	65 mm
PRODUCT HEIGHT	85 mm
PRODUCT WIDTH	17.7 mm
PRODUCT WEIGHT	0.14 kg
COMPLIANCES	RoHS conform

Additional information

FEATURES	Additional equipment possible

Delivery program

AMPERAGE RATING	25 A

Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MIN	-40 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	7.2 W
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	25 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W

Technical data - electrical

INCANDESCENT LAMP LOAD - MAX	3000 W
LOAD FLUORESCENT LAMP - MAX	1160 VA
LOAD FLUORESCENT LAMP (DUO CIRCUIT) - MAX	2552 VA
LOAD FLUORESCENT LAMP (PARALLEL COMPENSATED) - MAX	1044 VA
RATED OPERATING VOLTAGE (UE) - MAX	440 V
RATED OPERATING VOLTAGE (UE) - MIN	440 V
VOLTAGE RATING (EXCITATION) - MAX	253 V
VOLTAGE RATING (EXCITATION) - MIN	195.5 V
VOLTAGE TYPE	AC

Technical data - mechanical

BUILT-IN DEPTH	60 mm
DEGREE OF PROTECTION	IP40
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
NUMBER OF MODULAR SPACINGS	1
UTILITY CATEGORY	1
UTILIZATION CATEGORY (ACCORDING TO EN IEC 60947-4-1)	AC-1

Resources

CATALOGUES	eaton-xpole-accessories-ca019015en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-contactor-declaration-of-conformity-eu250188en.pdf
INSTALLATION VIDEOS	Eaton Z-SCH and CMUC DIN-rail installation contactors unboxing
MCAD MODEL	eaton-installation-contactor-mcad-drawings-z-r20-1mu.dwg eaton-installation-contactor-mcad-3d-models-z-r20-1mu.stp

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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