Specifications



Eaton 248847

Eaton Z-SCH Installation contactor, 230VAC/50Hz, 4N/O, 25A, 2HP

General specifications	
PRODUCT NAME	Eaton Z-SCH contactor
CATALOG NUMBER	248847
MODEL CODE	Z-SCH230/25-40
EAN	4015082488475
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	60 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.22 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	CE

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	10 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

FREQUENCY RATING	50 Hz
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)	4
NUMBER OF MODULAR SPACINGS	2
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
DRAWINGS	122I168 eaton-mcb-dimensions-122x144.eps
INSTALLATION VIDEOS	Eaton Z-SCH and CMUC DIN-rail installation contactors unboxing
MCAD MODEL	eaton-installation-contactor-mcad-3d-models-z-r25-2mu.stp eaton-installation-contactor-mcad-drawings-z-r25-2mu.dwg

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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