

Specifications



Eaton 248852

Eaton Z-SCH Installation contactor,
230VAC/50Hz, 4N/O, 40A, 3HP

General specifications

PRODUCT NAME	Eaton Z-SCH contactor
CATALOG NUMBER	248852
MODEL CODE	Z-SCH230/40-40
EAN	4015082488529
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	60 mm
PRODUCT WIDTH	52.5 mm
PRODUCT WEIGHT	0.36 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	CE

Additional information

FEATURES

Additional equipment possible

Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MIN -40 °C

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT 14.6 W

HEAT DISSIPATION CAPACITY 0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT 0 W

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) 40 A

STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT 0 W

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 3

UTILITY CATEGORY 1

UTILIZATION CATEGORY (ACCORDING TO EN IEC 60947-4-1) AC-1

Delivery programme

AMPERAGE RATING 40 A

Technical data - electrical

INCANDESCENT LAMP LOAD - MAX 5520 W

LOAD FLUORESCENT LAMP - MAX 2610 VA

LOAD FLUORESCENT LAMP (DUO CIRCUIT) - MAX 5336 VA

LOAD FLUORESCENT LAMP (PARALLEL COMPENSATED) - MAX 2088 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

Resources

DECLARATIONS OF CONFORMITY [eaton-contactor-declaration-of-conformity-eu250188en.pdf](#)

DRAWINGS [eaton-3d-drawing-sch-pack.jpg](#)

[eaton-wiring-diagram-z-sch-klem-bez4.jpg](#)

[eaton-3d-drawing-z-r-sch-einbau.jpg](#)

[eaton-mcb-dimensions-122x144.eps](#)

[1221169](#)

[eaton-dimensions-ma-sch40.jpg](#)

[eaton-installation-contactor-mcad-drawings-r40-r63-3mu.dwg](#)

MCAD MODEL

[eaton-installation-contactor-mcad-3d-models-r40-r63-3mu.stp](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

