

# Specifications



## Eaton 248847

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

### General specifications

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



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## Product specifications

<b>AMPERAGE RATING</b>	25 A
<b>FEATURES</b>	Additional equipment possible
<b>FREQUENCY RATING</b>	50 Hz
<b>DEGREE OF PROTECTION</b>	IP40
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	10 W
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	60 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-40 °C
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
<b>INCANDESCENT LAMP LOAD - MAX</b>	3000 W
<b>LOAD FLUORESCENT LAMP - MAX</b>	1160 VA
<b>LOAD FLUORESCENT LAMP (DUO CIRCUIT) - MAX</b>	2552 VA
<b>LOAD FLUORESCENT LAMP (PARALLEL COMPENSATED) - MAX</b>	1044 VA
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	4
<b>NUMBER OF MODULAR SPACINGS</b>	2
<b>RATED OPERATING VOLTAGE (UE) - MAX</b>	440 V
<b>RATED OPERATING VOLTAGE (UE) - MIN</b>	440 V
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	25 A
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
<b>UTILITY CATEGORY</b>	1
<b>VOLTAGE RATING (EXCITATION) - MAX</b>	253 V
<b>VOLTAGE RATING</b>	195.5 V

## Resources

DECLARATIONS OF CONFORMITY	<a href="#">eaton-contactor-declaration-of-conformity-eu250188en.pdf</a>
DRAWINGS	<a href="#">eaton-wiring-diagram-z-sch-klem-bez4.jpg</a>
	<a href="#">eaton-3d-drawing-z-r-sch-einbau.jpg</a>
	<a href="#">eaton-3d-drawing-sch-pack.jpg</a>
	<a href="#">eaton-mcb-dimensions-122x144.eps</a>
	<a href="#">eaton-dimensions-ma-sch40.jpg</a> <a href="#">1221168</a>
MCAD MODEL	<a href="#">eaton-installation-contactor-mcad-3d-models-z-r25-2mu.stp</a>
	<a href="#">eaton-installation-contactor-mcad-drawings-z-r25-2mu.dwg</a>

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**(EXCITATION) - MIN**

**BUILT-IN DEPTH** 60 mm

**VOLTAGE TYPE** AC

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

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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