

# Specifications



## Eaton 248851

Eaton Z-SCH Installation contactor,  
24VAC/50Hz, 4N/O, 25A, 2HP

### General specifications

<b>PRODUCT NAME</b>	Eaton Z-SCH contactor
<b>CATALOG NUMBER</b>	248851
<b>MODEL CODE</b>	Z-SCH24/25-40
<b>EAN</b>	4015082488512
<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

## Delivery program

AMPERAGE RATING	25 A
-----------------	------

## Technical Data - Mechanical

DEGREE OF PROTECTION	IP40
----------------------	------

BUILT-IN DEPTH	60 mm
----------------	-------

NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	0
---	---

NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	4
---	---

NUMBER OF MODULAR SPACINGS	2
-------------------------------	---

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

UTILITY CATEGORY	1
------------------	---

## Additional information

FEATURES	Additional equipment possible
----------	-------------------------------

## Technical Data - Electrical

VOLTAGE TYPE	AC
--------------	----

VOLTAGE RATING (EXCITATION) - MIN	20.4 V
--------------------------------------	--------

VOLTAGE RATING (EXCITATION) - MAX	26.4 V
--------------------------------------	--------

RATED OPERATING VOLTAGE (UE) - MIN	440 V
---------------------------------------	-------

RATED OPERATING VOLTAGE (UE) - MAX	440 V
---------------------------------------	-------

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
--	---------

## Design verification as per IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MIN	-40 °C
--	--------

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	25 A
---	------

HEAT DISSIPATION CAPACITY	0 W
------------------------------	-----

## 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="#">122I168</a>
MCAD MODEL	<a href="#">eaton-installation-contactor-mcad-drawings-z-r25-2mu.dwg</a> <a href="#">eaton-installation-contactor-mcad-3d-models-z-r25-2mu.stp</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2025 Eaton. All Rights Reserved.

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

