

## Installation contactor, 24VAC/50Hz, 1N/O+1N/C, 25A

**Part no.**                      **Z-SCH24/1/25-11**  
**193888**

Product name	Eaton Distribution parts
Part no.	Z-SCH24/1/25-11
EAN	9010238040311
Product Length/Depth	85 millimetre
Product height	65 millimetre
Product width	17.7 millimetre
Product weight	0.14 kilogram
Compliances	RoHS conform
Product Tradename	None
Product Type	Distribution parts
Product Sub Type	None
Public Consumption	Yes
Product Family Description	ES-PMCC-PDC-Eaton Distribution parts
Globally Marketable	Yes
10.10 Temperature rise	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Meets the product standard's requirements.
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 Inscriptions	Meets the product standard's requirements.
10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances	Meets the product standard's requirements.
10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
10.8 Connections for external conductors	Is the panel builder's responsibility.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
Amperage Rating	25 A
Built-in depth	60 mm
Degree of protection	IP20
Equipment heat dissipation, current-dependent	4.2 W
Features	Additional equipment possible
Heat dissipation per pole, current-dependent	3 W
Incandescent lamp load - max	3000 W
Load fluorescent lamp (duo circuit) - max	2552 V-A
Load fluorescent lamp (parallel compensated) - max	1044 V-A
Load fluorescent lamp - max	1160 V-A

Number of contacts (normally closed contacts)		1
Number of contacts (normally open contacts)		1
Number of modular spacings		1
Rated operating voltage (Ue) - max		440 V
Rated operating voltage (Ue) - min		440 V
Rated operational current for specified heat dissipation (In)		25 A
Utility category		1
Voltage rating (excitation) - max		26.4 V
Voltage rating (excitation) - min		20.4 V
Voltage type		AC

## Technical data ETIM 8.0

Devices for distribution board-/surface mounting (EG000062) / Installation contactor for distribution board (EC001653)		
Electric engineering, automation, process control engineering / Electrical installation, device / Modular serial built-in device for electrical circuit distributors / Installation contactor for distribution board (ecl@ss10.0.1-27-14-23-08 [AFZ820015])		
Rated operating voltage	V	440 - 440
Rated operation current	A	25
Utility category		1
Rated excitation voltage	V	20.4 - 26.4
Voltage type (operating voltage)		AC
Voltage type (excitation voltage)		AC
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		1
Max. incandescent lamp load	W	3,000
Max. load fluorescent lamp	VA	1,160
Max. load fluorescent lamp (Duo circuit)	VA	2,552
Max. load fluorescent lamp (parallel compensated)	VA	1,044
Slider for hand switch		No
Width in number of modular spacings		1
Built-in depth	mm	60
Additional equipment possible		Yes
With day/night function		No
Hum-free		No
Degree of protection (IP)		IP20