DATASHEET - CR2020012

Installation contactor, 20A, 12V AC/DC, 2NO

Part no. **CR2020012**
135175

Powering Business Worldwide

General specifications

Product name	Eaton Distribution parts
Part no.	CR2020012
EAN	4015081319862
Product Length/Depth	75 millimetre
Product height	80 millimetre
Product width	18 millimetre
Product weight	0.139 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

Product Specification Details

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	20 A
Built-in depth	60 mm
Degree of protection	IP20
Equipment heat dissipation, current-dependent	2.1 W
Features	Additional equipment possible
Heat dissipation per pole, current-dependent	1.7 W
Incandescent lamp load - max	1950 W
Load fluorescent lamp (duo circuit) - max	1160 V·A
Load fluorescent lamp (parallel compensated) - max	232 V·A

Load fluorescent lamp - max			910 V·A
Number of contacts (normally closed contacts)			0
Number of contacts (normally open contacts)			2
Number of modular spacings			1
Rated operating voltage (Ue) - max			400 V
Rated operating voltage (Ue) - min			400 V
Rated operational current for specified heat dissipation (In)			20 A
Utility category			1
Utilization category (according to EN IEC 60947-4-1)			AC-1
Voltage rating (excitation) - max			13.2 V
Voltage rating (excitation) - min			10.2 V
Voltage type			AC

Technical data ETIM 9.0

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@ss13-27-14-23-08 [AFZ820020])

Rated operating voltage		V	400 - 400
Rated operation current		A	20
Utilization category according to EN IEC 60947-4-1			AC-1
Rated excitation voltage		V	10.2 - 13.2
Voltage type (operating voltage)			AC
Voltage type (excitation voltage)			AC
Number of contacts as normally open contact			2
Number of contacts as normally closed contact			0
Max. incandescent lamp load		W	1950
Max. load fluorescent lamp		VA	910
Max. load fluorescent lamp (Duo circuit)		VA	1160
Max. load fluorescent lamp (parallel compensated)		VA	232
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