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EATON

Powering Business Worldwide

DILAT-21(RDC24) - Contactor relay, 24 V DC, N/O = Normally open: 2 N/O, N/C = Normally closed: 1 N/C, Screw terminals, DC operation



190968 DILAT-21(RDC24)

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190968 DILAT-21(RDC24)

Contactor relay, 24 V DC, N/O = Normally open: 2 N/O, N/C = Normally closed: 1 N/C, Screw terminals, DC operation

Contactor relay, Product range: Contactor relays DILAT, Application: Contactor relays, Connection technique: Screw terminals, Rated operational current AC-15 220 V 230 V 240 V: $I_e = 4$ A, 380 V 400 V 415 V: $I_e = 1.9$ A, Contacts N/O = Normally open: 2 N/O, Contacts N/C = Normally closed: 1 N/C, Actuating voltage: 24 V DC, Voltage AC/DC: DC operation, Degree of Protection: IP20, Standards: IEC/EN 60947, VDE 0660

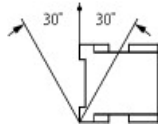
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Delivery program

Product range
Contactor relays DILAT
Application
Contactor relays
Connection technique
Screw terminals
Rated operational current
AC-15 220 V 230 V 240 V [I_e]
4 A
AC-15 380 V 400 V 415 V [I_e]
1.9 A
Contacts
N/O = Normally open
2 N/O
N/C = Normally closed
1 N/C
Actuating voltage
24 V DC
Voltage AC/DC
DC operation
Connection to SmartWire-DT
no

Technical data

General
Standards
IEC/EN 60947, VDE 0660
Maximum operating frequency [Operations/h]
3600
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Ambient temperatureOpen
-25 - +55 °C
Ambient temperatureAmbient temperature, storage
- 40 - 80 °C
Mounting positionMounting position



Degree of Protection
IP20
Protection against direct contact when actuated from front (EN 50274)
Finger and back-of-hand proof
WeightDC operated
0.17 kg
Terminal capacitiesScrew terminalsSolid
1 x (0.75 - 2.5)
2 x (0.75 - 2.5) mm²
Terminal capacitiesScrew terminalsFlexible with ferrule
1 x (0.75 - 2.5)
2 x (0.75 - 2.5) mm²
Terminal capacitiesScrew terminalsPozidriv screw driver
2 Size
Terminal capacitiesScrew terminalsMax. tightening torque
0.8 Nm
Contacts
Rated impulse withstand voltage [U_{imp}]
6000 V AC
Overvoltage category/pollution degree
III/3
Rated insulation voltage [U_i]
690 V AC
Rated operational voltage [U_e]
690 V AC
Rated operational currentConventional free air thermal current, 1 poleOpen at 55 °C [I_{th} = I_e]
10 A
Rated operational currentAC-15220 V 230 V 240 V [I_e]
4 A
Rated operational currentAC-15380 V 400 V 415 V [I_e]
1.9 A
Rated operational currentAC-15500 V [I_e]
1.4 A

Design verification as per IEC/EN 61439

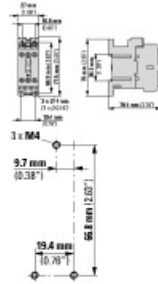
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+55 °C

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Contactor relay (EC000196)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) /
Contactor relay (ecl@ss10.0.1-27-37-10-01 [AAB716014])
Rated control supply voltage U_s at AC 50HZ
0 - 0 V
Rated control supply voltage U_s at AC 60HZ
0 - 0 V
Rated control supply voltage U_s at DC
24 - 24 V

Voltage type for actuating
 DC
 Rated operation current I_e , 400 V
 1.9 A
 Connection type auxiliary circuit
 Screw connection
 Mounting method
 DIN-rail/screw
 Interface
 No
 Number of auxiliary contacts as normally closed contact
 1
 Number of auxiliary contacts as normally open contact
 2
 Number of auxiliary contacts as normally closed contact, delayed switching
 0
 Number of auxiliary contacts as normally open contact, leading
 0
 With LED indication
 No
 Number of auxiliary contacts as change-over contact
 0
 Manual operation possible
 No

Dimensions



Product photo

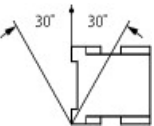


Photo

Product photo

Photo

Explosion drawing



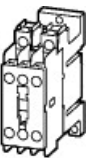
Mounting position

Explosion drawing

Line drawing

Mounting position

3D drawing



2100DRW-434

3D drawing

