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Powering Business Worldwide

DILAT-30(RDC24) - Contactor relay, 24 V DC, N/O = Normally open: 3 N/O, Screw terminals, DC operation



190967 DILAT-30(RDC24)

[Overview](#) [Specifications](#) [Resources](#)



190967 DILAT-30(RDC24)

Contactor relay, 24 V DC, N/O = Normally open: 3 N/O, 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: 3 N/O, Actuating voltage: 24 V DC, Voltage AC/DC: DC operation, Degree of Protection: IP20, Standards: IEC/EN 60947, VDE 0660

- [Delivery program](#)
- [Technical data](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Dimensions](#)

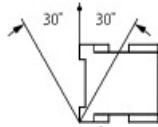
Delivery program

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
3 N/O
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 poleOpenat 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
 0
 Number of auxiliary contacts as normally open contact
 3
 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

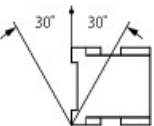
Dimensions

Product photo



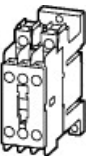
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Explosion drawing



[Mounting position](#)
[Explosion drawing](#)
[Line drawing](#)
[Mounting position](#)

3D drawing



[2100DRW-434](#)
[3D drawing](#)
[Line drawing](#)

Dimensions single product


- [2100DIM-53](#)
[Dimensions single product](#)
[Line drawing](#)

- [2100DIM-69](#)
Dimensions single product
Line drawing

Declaration of Conformity

- [DA-DC-00002909](#)
Declaration of Conformity
(PDF)

Standards

- 
[000Z153](#)
Standards
Logo
xStart logo

CAD data

- [DA-CE-ETN.DILAT-30\(RDC24\)](#)
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