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DILAT-30(24V50/60HZ) - Contactor relay, 3 NO, AC



197624 DILAT-30(24V50/60HZ)

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## 197624 DILAT-30(24V50/60HZ)

Contactor relay, 3 NO, AC

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 NO = Normally open: 3 NO, Actuating voltage: 24 V 50 Hz, 24 V 60 Hz, Voltage AC/DC: AC 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

NO = Normally open

3 NO

Actuating voltage

24 V 50/60 Hz

Voltage AC/DC

AC operation

Connection to SmartWire-DT

no

### Technical data

General

Standards

IEC/EN 60947, VDE 0660

Lifespan, mechanical AC operated [Operations]

$10 \times 10^6$

Maximum operating frequency [Operations/h]

3600

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

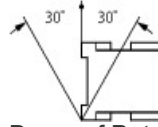
Ambient temperature Open

-25 - +55 °C

Ambient temperature Ambient temperature, storage

-40 - 80 °C

Mounting position Mounting position



Degree of Protection

IP20

Protection against direct contact when actuated from front (EN 50274)

Finger and back-of-hand proof

Weight AC operated

0.17 kg

Terminal capacities Screw terminals Solid

1 x (0.75 - 2.5)

2 x (0.75 - 2.5) mm<sup>2</sup>

Terminal capacities Screw terminals Flexible with ferrule

1 x (0.75 - 2.5)

2 x (0.75 - 2.5) mm<sup>2</sup>

Terminal capacities Screw terminals Pozidriv screw driver

2 Size

Terminal capacities Screw terminals Max. 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 current Conventional free air thermal current, 1 pole Open at 55 °C [ $I_{th}=I_e$ ]

10 A

Rated operational current AC-15220 V 230 V 240 V [ $I_e$ ]

4 A

Rated operational current AC-15380 V 400 V 415 V [ $I_e$ ]

1.9 A

Rated operational current AC-15500 V [ $I_e$ ]

1.4 A

Magnet systems

Voltage tolerance AC operated Dual-frequency coil 50/60 Hz [Pick-up]

0.85 - 1.1 x  $U_c$

Power consumption AC operation Dual-frequency coil 50/60 Hz at 60 Hz [Pick-up]

30 VA

Power consumption AC operation Dual-frequency coil 50/60 Hz [Hld]

6 VA

Power consumption AC operation Dual-frequency coil 50/60 Hz [Sealing]

2 W

## Design verification as per IEC/EN 61439

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

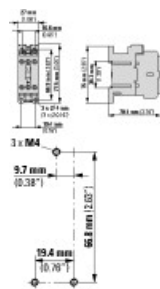
+55 °C

## 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 (ec1@ss10.0.1-27-37-10-01 [AAB716014])  
 Rated control supply voltage  $U_s$  at AC 50HZ  
 24 - 24 V  
 Rated control supply voltage  $U_s$  at AC 60HZ  
 24 - 24 V  
 Rated control supply voltage  $U_s$  at DC  
 0 - 0 V  
 Voltage type for actuating  
 AC  
 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

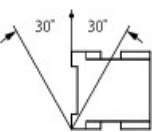


## Product photo



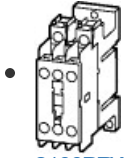
Photo  
 Product photo  
 Photo

## Explosion drawing



Mounting position  
 Explosion drawing  
 Line drawing  
 Mounting position

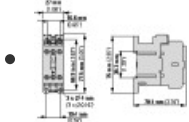
## 3D drawing



[2100DRW-434](#)

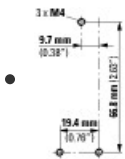
3D drawing  
Line drawing

## Dimensions single product



[2100DIM-53](#)

Dimensions single product  
Line drawing



[2100DIM-69](#)

Dimensions single product  
Line drawing

## Standards

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

## CAD data

- [DA-CE-ETN.DILAT-30\(24V50\\_60HZ\)](#)  
CAD data  
edz files  
(Web)

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