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Powering Business Worldwide

DILT-XH20 - Auxiliary contact module, 2 pole, 2 N/O, Screw terminals



190971 DILT-XH20

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## 190971 DILT-XH20

Auxiliary contact module, 2 pole, 2 N/O, Screw terminals

Auxiliary contact module, Function: for standard applications, 2 pole, Connection technique: Screw terminals, Rated operational current AC-15 220 V 230 V 240 V:  $I_e=4\text{ A}$ , Rated operational current AC-15 380 V 400 V 415 V:  $I_e=1.9\text{ A}$ , Contacts N/O = Normally open: 2 N/O, Mounting type: Front fixing, For use with: DILAT..., DILMT7..., DILMT9..., DILMT12..., DILMT17..., DILMT25..., DILMT32..., Type: Front mounting auxiliary contact

- Delivery program
- Technical data
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0

### Delivery program

Accessories

Auxiliary contact modules

Function

for standard applications

Number of poles

2 pole

Connection technique

Screw terminals

Rated operational current

Conventional free air thermal current, 1 pole  $I_{th}$ Openat 60 °C

10 A

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

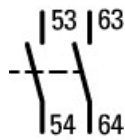
N/O = Normally open

2 N/O

Mounting type

Front fixing

Contact sequence



For use with  
 DILAT...  
 DILMT7...  
 DILMT9...  
 DILMT12...  
 DILMT17...  
 DILMT25...  
 DILMT32...  
 Type  
 Front mounting auxiliary contact

## Technical data

General  
 Standards  
 IEC/EN 60947  
 Lifespan, mechanical AC operated [Operations]  
 $10 \times 10^6$   
 Component lifespan at  $U_e = 230 \text{ V}$ , AC-15, 3 A [Operations]  
 $1 \times 10^6$   
 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  
 $-25 - +55 \text{ }^\circ\text{C}$   
 Ambient temperature Ambient temperature, storage  
 $-40 - 80 \text{ }^\circ\text{C}$   
 Degree of Protection  
 IP20  
 Weight  
 0.02 kg  
 Terminal capacities Screw terminals Solid  
 $0.75 - 2.5 \text{ mm}^2$   
 Terminal capacities Screw terminals Flexible with ferrule  
 $0.75 - 2.5 \text{ mm}^2$   
 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 [ $U_e$ ]  
 660 V AC  
 Rated operational current Conventional free air thermal current, 1 pole at  $60 \text{ }^\circ\text{C}$  [ $I_{th}$ ]  
 10 A  
 Rated operational current AC-15 220 V 230 V 240 V [ $I_e$ ]  
 4 A  
 Rated operational current AC-15 380 V 400 V 415 V [ $I_e$ ]  
 1.9 A  
 Rated operational current DC current DC-13 (6xP) 24 V [ $I_e$ ]  
 0.55 A  
 Rated operational current DC current DC-13 (6xP) 60 V [ $I_e$ ]  
 0.55 A  
 Rated operational current DC current DC-13 (6xP) 110 V [ $I_e$ ]  
 0.55 A  
 Rated operational current DC current DC-13 (6xP) 220 V [ $I_e$ ]  
 0.27 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) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])

Number of contacts as change-over contact

0

Number of contacts as normally open contact

2

Number of contacts as normally closed contact

0

Number of fault-signal switches

0

Rated operation current  $I_e$  at AC-15, 230 V

4 A

Type of electric connection

Screw connection

Model

Top mounting

Mounting method

Front fastening

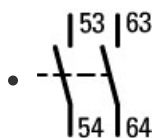
Lamp holder

None

## Additional product information

- [Motor starters and "Special Purpose Ratings" for the North American market \(PDF\)](#)
- [Switchgear of Power Factor Correction Systems \(PDF\)](#)
- [X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely \(PDF\)](#)
- [Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions \(PDF\)](#)
- [Effect of the Cable Capacitance of Long Control Cables on the Actuation of Contactors \(PDF\)](#)
- [Switchgear for Luminaires \(PDF\)](#)
- [Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts \(PDF\)](#)
- [The Interaction of Contactors with PLCs \(PDF\)](#)
- [Busbar Component Adapters for modern Industrial control panels \(PDF\)](#)

## Wiring diagram



[Contact sequence](#)

[Wiring diagram](#)

[Line drawing](#)

[2-pole auxiliary contact module](#)

## Product photo

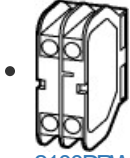


Photo

Product photo

Photo

## 3D drawing



2100DRW-440

3D drawing

Line drawing

## Declaration of Conformity

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

## CAD data

- [DA-CE-ETN.DILT-XH20](#)  
CAD data  
edz files  
(Web)

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