Specifications

# Eaton 199324

## Catalog Number: 199324

Eaton Moeller® series DILA Auxiliary contact module, 1 pole, Ith= 16 A, 1 NC, Side mounted, Push in terminals, DILA, DILM7 - DILM15

## General specifications

**Product Name**
Eaton Moeller® series DILA Accessory Auxiliary contact module

**Catalog Number**
199324

**EAN**
4015081974085

**Product Length/Depth**
47 mm

**Product Height**
72 mm

**Product Width**
16 mm

**Product Weight**
0.02 kg

**Certifications**
IEC/EN 60947
VDE 0660
CSA File No.: 012528
CSA Class No.: 3211-03
UL File No.: E29184
UL 508
CSA-C22.2 No. 14-05
CE marking
UL
CSA
UL Category Control No.: NKCR

## Features & Functions

### Features

Interlocked opposing contacts within an auxiliary contact module (according to IEC 60947-5-1 Annex L)

### Functions

For standard applications

### Fitted with:

Interlocked opposing contacts

### Number of poles

Single-pole

### Electric connection type

Spring clamp connection

## General

### Degree of protection

IP20

### Lifespan, electrical

1,300,000 Operations (at 230 V, AC-15, 3 A)

### Model

Top mounting

### Mounting method

Side mounting

### Overvoltage category

III

### Pollution degree

3

### Protection

Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)

### Rated impulse withstand voltage (Uimp)

6000 V AC

### Type

Side-mounting auxiliary contacts

## Climatic environmental conditions

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

60 °C

### Ambient operating temperature (enclosed) - min

-25 °C

### Ambient operating temperature (enclosed) - max

40 °C

### Ambient storage temperature - min

-40 °C

### Ambient storage temperature - max

80 °C

### Climatic proofing

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

## Terminal capacities

### Terminal capacity (flexible with ferrule)

1 x (0.5 - 1.5) mm²

2 x (0.5 - 1.5) mm²

### Terminal capacity (flexible)

1 x (0.5 - 2.5) mm²

2 x (0.5 - 2.5) mm²

### Terminal capacity (solid)

1 x (0.5 - 2.5) mm²

2 x (0.5 - 2.5) mm²

### Terminal capacity (solid/stranded AWG)

20 - 14

## Electrical rating

### Conventional thermal current ith at 60°C (3-pole, open)

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

16 A

Conventional thermal current ith of auxiliary contacts (1-pole, open)

0.1 A

Rated operational current (Ie)

3 A at 110 V, DC L/R ≤ 15 ms (with 1 contact in series)

1 A at 220 V, DC L/R ≤ 15 ms (with 1 contact in series)

10 A at 24 V, DC L/R ≤ 15 ms (with 1 contact in series)

6 A at 60 V, DC L/R ≤ 15 ms (with 1 contact in series)

Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V

4 A

Rated operational current (Ie) at AC-15, 380 V, 400 V, 415 V

4 A

Rated operational current (Ie) at AC-15, 500 V

1.5 A

Rated operational current (Ie) at DC-13, 60 V

1 A

Rated operational current (Ie) at DC-13, 110 V

0.5 A

Rated operational current (Ie) at DC-13, 220 V, 230 V

0.25 A

Rated insulation voltage (Ui)

690 V

Rated operational voltage (Ue) at AC - max

500 V

Short-circuit protection rating without welding

10 A gG/gL, 500 V, Max. Fuse, Contacts

Safe isolation

400 V AC, Between coil and auxiliary contacts, According to EN 61140

400 V AC, Between auxiliary contacts, According to EN 61140

Switching capacity (auxiliary contacts, general use)

10 A, 600 V AC, (UL/CSA)

1 A, 250 V DC, (UL/CSA)

Switching capacity (auxiliary contacts, pilot duty)

A600, AC operated (UL/CSA)

P300, DC operated (UL/CSA)

## Communication

### Connection type

Push in terminals

## Contacts

### Control circuit reliability

$\lambda < 5 \times 1/10^7$ (1 failure at 2,000,000 operations for $U_e$ = 24 V DC, Umin = 17 V, Imin = 5.4 mA)

### Number of contacts (change-over contacts)

0

### Number of contacts (normally closed contacts)

1

### Number of contacts (normally open contacts)

0

## Resources

### Catalogs

Switching and protecting motors - catalog

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Product Range Catalog Switching and protecting motors

### Declarations of conformity

DA-DC-00004789.pdf

DA-DC-00004880.pdf

DA-DC-00004912.pdf

DA-DC-00004913.pdf

DA-DC-00004811.pdf

DA-DC-00004881.pdf

### Drawings

eaton-contactors-dimensions-007.eps

### eCAD model

ETN.199324.edz

### Installation instructions

IL03407151Z2021_06.pdf

### Installation videos

WIN-WIN with push-in technology

### mCAD model

dil_a_xhi_s_pi.stp

dil_a_xhi_s_pi.dwg




Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia