

# Eaton 220209

Catalog Number: 220209

Eaton Moeller® series MVS Reversing wiring kit, for DILEM

## General specifications



### Product Name

Eaton Moeller® series MVS Accessory  
Reversing wiring kit

### Catalog Number

220209

### EAN

4015082202095

### Product Length/Depth

84 mm

### Product Height

28 mm

### Product Width

21 mm

### Product Weight

0.026 kg

### Certifications

CSA  
CSA-C22.2 No. 14-05  
UL File No.: E36332  
IEC/EN 60947-4-1  
UL 508  
UL  
CE  
UL Category Control No.: NLRV7  
CSA Class No.: 3211-06  
CSA File No.: 012528

### Catalog Notes

The following control cables are integrated in addition to electrical interlock:

## Features & Functions

### Fitted with:

Control cables: Q11: 21 - Q12: A1

Control cables: Q11: A2 - Q12: A2

Control cables: Q11: A1 - Q12: 21

### Functions

Main current wiring for reversing combinations

## General

Accessory/spare part type

Connecting bridge

Product category

Accessories

## Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

50 °C

## Design verification

Equipment heat dissipation, current-dependent  $P_{vid}$

2.1 W

Heat dissipation capacity  $P_{diss}$

0 W

Heat dissipation per pole, current-dependent  $P_{vid}$

0.7 W

Rated operational current for specified heat dissipation ( $I_n$ )

22 A

Static heat dissipation, non-current-dependent  $P_{vs}$

0 W

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

## Resources

### Catalogs

Switching and protecting motors - catalog

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

Product Range Catalog Switching and protecting motors

### Drawings

[eaton-contactors-reversing-wiring-kit-mvs-accessory-3d-drawing.eps](#)

### eCAD model

ETN.MVS-WB-EM

### Installation instructions

IL03407027Z

### mCAD model

[mvs\\_wb\\_em.stp](#)

[mvs\\_wb\\_em.dwg](#)

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.2.7 Inscriptions

Meets the product standard's requirements.

#### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

#### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

#### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

#### 10.8 Connections for external conductors

Is the panel builder's responsibility.

#### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

#### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

#### 10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

#### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

#### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

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