

Select your language

- [German](#)
- [English](#)
- [Spanish](#)
- [French](#)
- [Dutch](#)
- [Italian](#)
- [Polish](#)
- [Czech](#)
- [Russian](#)
- [Norwegian Bokmål](#)

Worldwide English



Powering Business Worldwide

PKE-XH-MCC - Door coupling handle, black, MCC, 90 degree, for PKE



142418 PKE-XH-MCC

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



- [Delivery program](#)

- [Design verification as per IEC/EN 61439](#)

- [Technical data ETIM 7.0](#)

- [Approvals](#)

- [Dimensions](#)

## 142418 PKE-XH-MCC

Door coupling handle, black, MCC, 90 degree, for PKE

Alternate Catalog No.

XTPEXRHM90B

EL-Nummer (Norway)

4315136

Door coupling rotary handle for use as main switch according to EN 60204 in MCC distribution board having built-in PKE rotated by 90 degrees plug-in extension shaft PKZ0-XAH, can be cut to desired length for mounting depths from 100...200 mm. Carrier with extension shaft included as standard. With ON/OFF switch position and "+" (tripped), lockable in the off position with 3 padlocks 4...8 hasp thickness

### Delivery program

Product range

Accessories

Accessories

Door coupling handle

For use as a main switch to EN 60204 in MCC power distribution systems and with PKE installed when rotated by 90°

Black

For use with

PKE

For use with

Door coupling handle PKE

Degree of Protection

IP65

#### Notes

Plug-in extension shaft PKZ0-XAH can be cut to desired length for mounting depths of 100-240 mm.

Carrier with extension shaft included as standard.

With ON/OFF switch position and "+" (tripped), lockable.

With 3 padlocks, 4 - 8 mm hasp thickness.

Cannot be used in combination with VH120-PKZ0.

ZFS... (except for ZFS-(L)TS-NZM) add-on front plates can be used.

### Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [ $I_n$ ]

0 A

Heat dissipation per pole, current-dependent [ $P_{\text{vd}}$ ]

0 W

Equipment heat dissipation, current-dependent [ $P_{\text{vd}}$ ]

0 W

Static heat dissipation, non-current-dependent [ $P_{\text{vs}}$ ]

0 W

Heat dissipation capacity [ $P_{\text{diss}}$ ]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+55 °C

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Please enquire

10.2 Strength of materials and parts 10.2.5 Lifting

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

10.2 Strength of materials and parts 10.2.6 Mechanical impact

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

10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

10.10 Temperature rise

Not applicable.

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.

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Door coupling handle for switchgear (EC000230)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Hand drive for switch devices (ecl@ss10.0.1-27-37-04-15 [AKF013014])

With axis extension

Yes

With door interlock

Yes

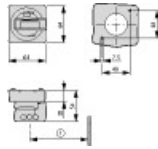
Lockable

Yes  
With handle red/yellow  
No

## Approvals

Product Standards  
UL 508; CSA-C22.2 No. 14; IEC60947-4-1; CE marking  
UL File No.  
E36332  
UL Category Control No.  
NLRV  
CSA File No.  
165628  
CSA Class No.  
3211-05  
North America Certification  
UL listed, CSA certified  
Specially designed for North America  
No  
Degree of Protection  
IEC: IP65, UL/CSA Type: 4X, 12

## Dimensions



Mounting depth: 152 to 267 mm from the top edge of the top-hat rail to the front edge of the cabinet door/cover  
☐ At least 100 mm from cover hinge

## CAD data

- [Product-specific CAD data](#)  
(Web)
- [3D Preview](#)  
(Web)

## DWG files

- [DA-CD-pke\\_xrh](#)  
File  
(Web)

## edz files

- [DA-CE-ETN.PKE-XH-MCC](#)  
File  
(Web)

## Step files

- [DA-CS-pke\\_xrh](#)  
File  
(Web)

## Additional product information


- [Motor starters and "Special Purpose Ratings" for the North American market](#)  
(PDF)
- [Busbar Component Adapters for modern Industrial control panels](#)  
(PDF)


## Product photo

- 

[1210PIC-241](#)  
Photo  
Door coupling handle

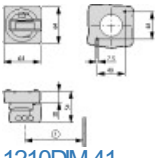
## 3D drawing

- 

[1210DRV-488](#)  
Line drawing  
Door coupling handle
- 

[1211121](#)  
Line drawing  
Door coupling handle

## Dimensions single product

- 

[1210DIM-41](#)  
Line drawing  
□ At least 100 mm from cover hinge

## Instruction Leaflet

- [Door coupling rotary handle \(IL03402018Z\)](#)  
Asset  
(PDF, multilingual)

## Declaration of Conformity

### EU

- [PKE65 \(DA-DC-00003630\)](#)  
Asset  
(PDF)
- [PKE12 \(DA-DC-00004073\)](#)  
Asset  
(PDF)
- [PKE32 \(DA-DC-00004074\)](#)  
Asset  
(PDF)
- [MSC-DE Frame size 1 \(DA-DC-00004108\)](#)  
Asset  
(PDF)
- [PKE Motor Starter Combination MSC-D\(M\)E\(A\) Frame size 2 \(DA-DC-00004109\)](#)  
Asset  
(PDF)

## Download-Center

- [Download-Center \(this item\)](#)  
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)  
Eaton EMEA Download-Center



[Generate data sheet in PDF format](#)



[Generate data sheet in Excel format](#)



[Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2021 by Eaton Industries GmbH

