

United States Select your location

Search parts, catalogs

Sign in

We make what matters work*

Products Digital Services Markets Support Company

Search

Toggle Mobile Menu

Search

Search

Products

Close Search

- [Actuators and motion control](#)
- [Backup power, UPS, surge & IT power distribution](#)
- [Clutches and brakes](#)
- [Conduit, cable & wire management](#)
- [Cylinders](#)
- [Differentials](#)
- [Ducting solutions](#)
- [Electrical circuit protection](#)
- [Electric vehicles and EV charging](#)
- [Electronic components](#)
- [Enclosures](#)
- [Energy storage systems](#)
- [Engine solutions](#)
- [Filtration solutions](#)
- [Fuel systems, emissions and components](#)
- [Furniture](#)
- [Golf grips](#)
- [Hose, tubing, fittings and connectors](#)
- [Hydraulic motors and generators](#)
- [Hydraulic power packs and accumulators](#)
- [Industrial controls, drives, automation and sensors](#)
- [Life support systems](#)
- [Lighting and controls](#)
- [Low-voltage power distribution & control systems](#)
- [Medium-voltage power distribution & control systems](#)
- [Plastics](#)
- [Process safety, automation, test and measurement](#)
- [Pumps](#)
- [Residential](#)
- [Safety, security & emergency communications](#)
- [Server racks, enclosures & airflow management](#)
- [Support systems](#)
- [Transmissions](#)
- [Utility & grid solutions](#)
- [Valves](#)
- [Wiring devices & connectivity](#)

Digital

Close Search

- [Brightlayer Experience Hub](#)
- [Explore our digital catalog](#)
- [Discover Brightlayer](#)
- [Understanding Industry 4.0](#)

- [For developers](#)

[Services](#)

Close Search

[Markets](#)

Close Search

- [Aerospace](#)
- [Buildings](#)
- [Data centers](#)
- [Eaton Experience Centers](#)
- [Food and beverage](#)
- [Government and military](#)
- [Healthcare](#)
- [Machine building](#)
- [Marine](#)
- [Mining, metals and minerals](#)
- [Oil and gas](#)
- [Rail](#)
- [Renewables](#)
- [Residential](#)
- [Utilities](#)
- [Vehicles](#)

[Support](#)

Close Search

- [Contact technical support](#)
- [Download center](#)
- [How to buy](#)
- [Terms and conditions](#)
- [Tools](#)
- [Training and education](#)
- [Warranty and returns](#)

[Company](#)

Close Search

- [Overview](#)
- [About us](#)
- [News & insights](#)
- [Careers](#)
- [Investor relations](#)
- [Research & development](#)
- [Corporate governance](#)
- [Sustainability](#)
- [Inclusion & diversity](#)
- [Ethics & compliance](#)
- [Partnering with Eaton](#)
- [Selling to Eaton](#)

[MyEaton](#)

Close Search

Quick links



PKZ motor protection circuit breaker
203595

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

How to buy

Back to search

[Download](#) Zoom

Photo is representative

[Download](#) Zoom

Photo is representative

[Download](#) Zoom





Photo is representative

[Download](#) Zoom

Photo is representative

PreviousNext

DownloadZoom

- 
- 
- 
- 

PreviousNext

203595

Eaton Moeller® series PKZ0 Auxiliary contact, operates as an early-make contact, 2N/O early

[Add a free sample to the cart](#) [How to buy](#)

- [Learn about our Push-in terminals](#)
- [Configure Motor Start Combination](#)

×



Products cannot be sold together

Products in your cart cannot be sold together in one transaction. Please choose to either keep your existing cart, or create a new cart with this product.

You can purchase your products in separate transactions.

Keep My CartCreate a New Cart

×



Item is already in the cart.

Okay

Photo is representative

- General specifications
- Product specifications


General specifications

Product Name
Eaton Moeller® series PKZ0 Accessory Auxiliary contact
Catalog Number
203595
Model Code
VHI20-PKZ0
EAN
4015082035952
Product Length/Depth
40 mm
Product Height
44 mm
Product Width
45 mm
Product Weight
0.029 kg
Certifications
CE
CSA
IEC/EN 60947-4-1
CSA Class No.: 3211-05
CSA File No.: 165628
UL 508
UL File No.: E36332
CSA-C22.2 No. 14
UL
UL Category Control No.: NLRV
Catalog Notes
For the premature voltage application of the U-release, e.g. in EMERGENCY STOP circuits according to EN 60204.

Product specifications

Rated operational current for specified heat dissipation (In)
1 A
10.11 Short-circuit rating
Is the panel builder's responsibility. The specifications for the switchgear must be observed.
Lamp holder
None
10.4 Clearances and creepage distances
Meets the product standard's requirements.
10.12 Electromagnetic compatibility
Is the panel builder's responsibility. The specifications for the switchgear must be observed.
Mounting method
Front fastening
10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.8 Connections for external conductors
Is the panel builder's responsibility.
Ambient operating temperature - max

55 °C
Lifespan, electrical
100,000 Operations
Static heat dissipation, non-current-dependent Pvs
0 W
10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
Ambient operating temperature - min
-25 °C
10.6 Incorporation of switching devices and components
Does not apply, since the entire switchgear needs to be evaluated.
10.5 Protection against electric shock
Does not apply, since the entire switchgear needs to be evaluated.
Safe isolation
440 V, Between auxiliary contacts and main contacts, According to EN 61140
Used with
Motor protective circuit-breaker
PKZ0-X(R)H(-M),MSC-... and PKZM0-X...M12
Rated operational current (Ie) at AC-15, 220 V, 230 V, 240 V
1 A
Electric connection type
Screw connection
10.13 Mechanical function
The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.9.4 Testing of enclosures made of insulating material
Is the panel builder's responsibility.
Number of contacts (normally closed contacts)
0
10.3 Degree of protection of assemblies
Does not apply, since the entire switchgear needs to be evaluated.
Heat dissipation per pole, current-dependent Pvid
0.03 W
Terminal capacity (solid/flexible with ferrule)
0.75 - 1.5 mm²
Switching capacity (auxiliary contacts, general use)
0.5 A, 300 V AC, (UL/CSA)
Product category
Accessories
Number of switches (fault signal)
0
Equipment heat dissipation, current-dependent Pvid
0 W
Heat dissipation capacity Pdis
0 W
Short-circuit protection rating without welding
10 A gG/gL, Fuse, Auxiliary contacts
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.
Connection type
Screw connection
Lifespan, mechanical
100,000 Operations
Terminal capacity (solid/stranded AWG)
18 - 16
10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
Control circuit reliability
< 2 λ, < 1 failure at 100,000,000 Operations (at Ue = 24 VDC, Umin = 17 V, Imin = 5.4 mA)
Overvoltage category
III
Rated operational voltage (Ue) at DC - max

250 V
Rated operational voltage (Ue) at AC - max
440 V
Pollution degree
3
10.7 Internal electrical circuits and connections
Is the panel builder's responsibility.
Rated impulse withstand voltage (Uimp)
4000 V AC
10.10 Temperature rise
The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2.7 Inscriptions
Meets the product standard's requirements.
Number of contacts (normally open contacts)
2
Model
Top mounting
Number of contacts (change-over contacts)
0
Switching capacity (auxiliary contacts, pilot duty)
E150, AC operated (UL/CSA)
Rated operational current (Ie) at DC-13, 24 V
2 A
Serial Number Verified :
Authenticated: 
The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

Brochures

- [Save time and space thanks to the new link module PKZM0-XDM32ME](#)
- [Motor Starters in System xStart - brochure](#)

Download all files

Catalogs

- [Switching and protecting motors - catalog](#)
- [Product Range Catalog Switching and protecting motors](#)

Certification reports

- [DA-DC-00004246.pdf](#)

Declarations of conformity

- [DA-DC-00004937.pdf](#)

Drawings

- [eaton-manual-motor-starters-pkz-dimensions-002.eps](#)
- [eaton-manual-motor-starters-auxiliary-contact-pkz0-3d-drawing.eps](#)

Download all files

eCAD model

- [ETN.VHI20-PKZ0](#)

Installation instructions

- [IL03402033Z](#)

Installation videos

- [WIN-WIN with push-in technology](#)

mCAD model

- [vhi20_pkz0.dwg](#)
- [vhi20_pkz0.stp](#)

Download all files


Wiring diagrams

- [eaton-manual-motor-starters-auxiliary-contact-pkz01-wiring-diagrameps](#)

Export product specification

-

X

Enter your city, state, or zip code or  Locate me

City, state

Search

Show locations that offer:

☐ Product pickup

☐ Order online and ship product

- 203595

Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we’re accelerating the planet’s transition to renewable energy and helping to solve the world’s most urgent power management challenges.

Company

- [About us](#)
- [Careers](#)
- [Inclusion and Diversity](#)
- [Investor relations](#)
- [Sustainability](#)
- [News and insights](#)
- [Slavery and human trafficking statement](#)

Quick links

- [Sign in](#)
- [Support](#)
- [Policies and statements](#)
- [Terms and conditions](#)
- [Responsible sourcing of conflict minerals](#)
- [Subscribe to emails](#)

Let's talk big ideas

-
-
-
-

[View all social media](#)

- [Sitemap](#)
- [Privacy, cookies & data protection policy](#)
- [Do not sell my data request \(CCPA and other states\)](#)

© 2023 Eaton. All Rights Reserved.

Back to top of the page

Are you sure?

Cancel Sign out

Are you sure?

Cancel Sign out

×

×