

Part no. U-PKZ0(24V50HZ)-PI
Catalog No. 199332
Alternate Catalog No. XTPAXUVRPI24V50H

Delivery program

| | | |
|--|--|--|
| Product range | | Accessories |
| Accessories | | Undervoltage release |
| Actuating voltage | | 24 V 50 Hz |
| Voltage type | | Standard voltage |
| Current actuation | | AC |
| Contact sequence | | |
| Connection technique | | Push in terminals |
| For use with | | Undervoltage release PKZ0(4), PKE |
| For use with | | PKZM0 PKZM4 PKZM0-T PKM0 PKZM01 PKE |
| Can be combined with auxiliary contact | | NHI...-PKZ0(-PI) AGM2-...-PKZ0-PI NHI-E-...-PI NHI-B-...-PI |

Notes Can be fitted to the left of:
 Motor protective circuit-breaker
 Cannot be combined with:
 A-PKZ0 shunt release
 When combined with circuit-breaker can be used as emergency switching-off device according to EN 60204.

Technical data

General

| | | | |
|------------------------|--|-----------------|------------------------------------|
| Terminal capacities | | mm ² | |
| Push-in terminals | | | |
| Solid | | mm ² | 1 x (0,5 - 2,5) 2 x (0,5 - 2,5) |
| flexible | | mm ² | 1 x (0,5 - 2,5) 2 x (0,5 - 2,5) |
| flexible with ferrules | | mm ² | 1 x (0,5 - 1,5) 2 x (0,5 - 1,5) |
| Solid or stranded | | AWG | 20 - 14 |
| Stripping length | | mm | 10 |
| Standard screwdriver | | | 3.0 x 0.5 |
| Actuating voltage | | | 24 V 50 Hz |

Pick-up/drop-out voltage

| | | | |
|------------------|--|------------------|------------|
| Pick-up voltage | | x U _c | 0,85 - 1,1 |
| Drop-out voltage | | x U _c | 0,7 - 0,35 |

Power consumption

| | | | |
|---------------|---------|----|---|
| AC | | | |
| Pull-in power | Pick-up | VA | 5 |
| Sealing power | Sealing | VA | 3 |

Design verification as per IEC/EN 61439

| | | | |
|--|--|----|-----|
| Technical data for design verification | | | |
| Operating ambient temperature min. | | °C | -25 |
| Operating ambient temperature max. | | °C | 55 |

Technical data ETIM 8.0

Low-voltage industrial components (EG000017) / Under voltage coil (EC001022)

| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss10.0.1-27-37-04-17 [AKF015013]) | | |
|--|---|-------------------------|
| Rated control supply voltage Us at AC 50HZ | V | 24 - 24 |
| Rated control supply voltage Us at AC 60HZ | V | 0 - 0 |
| Rated control supply voltage Us at DC | V | 0 - 0 |
| Voltage type for actuating | | AC |
| Type of electric connection | | Spring clamp connection |
| Number of contacts as normally open contact | | 0 |
| Number of contacts as normally closed contact | | 0 |
| Number of contacts as change-over contact | | 0 |
| Delayed | | No |
| Suitable for power circuit breaker | | No |
| Suitable for off-load switch | | No |
| Suitable for motor safety switch | | Yes |
| Suitable for overload relay | | 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 |

Dimensions

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Additional product information (links)

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| Motor starters and "Special Purpose Ratings" for the North American market | http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf |
| Busbar Component Adapters for modern Industrial control panels | http://www.moeller.net/binary/ver_techpapers/ver960en.pdf |