# DATASHEET - AGM2-10-PKZ0-PI

**Trip indicator, 2 x 1 N/O, Push in terminals**

| | |
|---|---|
| **Part no.** | **AGM2-10-PKZ0-PI** |
| **Catalog No.** | **199329** |
| **Alternate Catalog No.** | **XTPAXSATRPI20** |

## Delivery program

| | | | |
|---|---|---|---|
| Product range | | | Accessories |
| Accessories | | | Trip-indicating auxiliary contacts |
| | | | Differential status indication<br>a) General trip indication (overload)<br>b) Short-circuit release<br>Short-circuits indicated locally by means of a red indicator that can be manually reset |
| **Contacts** | | | |
| N/O = Normally open | | | 2 x 1 N/O |
| Contact diagram | | | |
| | | | |
| Contact sequence | | | |
| Connection technique | | | Push in terminals |
| For use with | | | Trip indicator PKZ0(4), PKE |
| For use with | | | PKZM0<br>PKZM4<br>PKZM0-T<br>PKM0<br>PKZM01<br>PKE |
| Can be combined with auxiliary contact | | | NHI...-PKZ0(-PI)<br>NHI-E-...-PI<br>NHI-B-...-PI |

**Notes** Can be fitted to the right of:
Motor protective circuit-breaker

## Technical data

### Auxiliary contacts

| | | | |
|---|---|---|---|
| Rated impulse withstand voltage | $U_{imp}$ | V AC | 6000 |
| Overvoltage category/pollution degree | | | III/3 |
| Rated operational voltage | $U_e$ | V | |
| | $U_e$ | V AC | 500 |
| | $U_e$ | V DC | 250 |
| Safe isolation to EN 61140 | | | |
| Between auxiliary contacts and main contacts | | V AC | 690 |
| Rated operational current | $I_e$ | A | |
| AC-15 | | | |
| 220 - 240 V | $I_e$ | A | 3.5 |
| 380 - 415 V | $I_e$ | A | 2 |
| 440 V 500 V | $I_e$ | A | 1 |
| DC-13 L/R - 100 ms | | | |
| 24 V | $I_e$ | A | 2 |
| 60 V | $I_e$ | A | 1 |
| 110 V | $I_e$ | A | 0.5 |
| 220 V | $I_e$ | A | 0.25 |
| Lifespan | | S | |
| Lifespan, mechanical | Operations | x $10^6$ | > 0.01 |
| Lifespan, electrical | Operations | x $10^6$ | 0.05 |
| Control circuit reliability | Failure rate | λ | $<10^{-8}$, < one failure at 100 million operations<br>(at $U_e$ = 24 V DC, $U_{min}$ = 17 V, $I_{min}$ = 5.4 mA) |

| | | |
|---|---|---|
| interlocked opposing contacts | | yes |
| Short-circuit rating without welding | | |
| Fuseless | Type | FAZ-B4/1-HI |
| Fuse | A gG/gL | 10 |

### Terminal capacities

| | | |
|---|---|---|
| Push-in terminals | | |
| Solid | $mm^2$ | 1 x (0,5 - 2,5)<br>2 x (0,5 - 2,5) |
| flexible | $mm^2$ | 1 x (0,5 - 2,5)<br>2 x (0,5 - 2,5) |
| flexible with ferrules | $mm^2$ | 1 x (0,5 - 1,5)<br>2 x (0,5 - 1,5) |
| Solid or stranded | AWG | 20 - 14 |
| Stripping length | mm | 10 |
| Standard screwdriver | | 3.0 x 0.5 |

### Rating data for approved types

| | | |
|---|---|---|
| Pilot Duty | | |
| AC operated | | A600 |
| DC operated | | Q300 |
| General Use | | |
| AC | V | 600 |
| AC | A | 5 |
| DC | V | 250 |
| DC | A | 1 |

## 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 7.0

Low-voltage industrial components (EG000017) / Auxiliary contact block (EC000041)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Auxiliary switch block (ecl@ss10.0.1-27-37-13-02 [AKN342013])

| | | |
|---|---|---|
| Number of contacts as change-over contact | | 0 |
| Number of contacts as normally open contact | | 2 |
| Number of contacts as normally closed contact | | 0 |
| Number of fault-signal switches | | 1 |
| Rated operation current Ie at AC-15, 230 V | A | 3.5 |
| Type of electric connection | | Spring clamp connection |
| Model | | Top mounting |
| Mounting method | | Side mounting |
| Lamp holder | | None |

## 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

## Additional product information (links)

| | |
|---|---|
| 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 |


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