Delivery programme

<table>
<thead>
<tr>
<th>Connection technique</th>
<th>Screw terminals</th>
</tr>
</thead>
<tbody>
<tr>
<td>220 – 240 V</td>
<td></td>
</tr>
<tr>
<td>AC-3</td>
<td></td>
</tr>
<tr>
<td>220 V 230 V 240 V</td>
<td>$P$ kW 0.25</td>
</tr>
<tr>
<td>380 V 400 V 415 V</td>
<td>$P$ kW 0.55</td>
</tr>
<tr>
<td>440 V</td>
<td>$P$ kW 0.55</td>
</tr>
<tr>
<td>500 V</td>
<td>$P$ kW 0.75</td>
</tr>
<tr>
<td>660 V 690 V</td>
<td>$P$ kW 1.1</td>
</tr>
</tbody>
</table>

Rated uninterrupted current $I_u$ A 1.6

Setting range

| Overload releases | $I_r$ A 1 ... 1.6 |
| Short-circuit releases | $I_{rm}$ A |

Notes

Accessories

3 Standard auxiliary contact # 072896
5 Trip-indicating auxiliary contact # 072898
6 Shunt release, undervoltage release # 073187
Single-phasing sensitivity to IEC/EN 60947-4-1
Can be snap-fitted to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height # 266164

PTB 02 ATEX 3151, see manual

General

Standards IEC/EN 60947, VDE 0660, UL 508, CSA C 22.2 No. 14

Climatic proofing Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30

Ambient temperature °C

| Storage | °C | &lt;#8211; 25 - 80 |
| Open    | °C | &lt;#8211; 25 ... 55 |
| Enclosed| °C | - 25 ... 40 |

Degree of protection Device IP 20
Terminations IP00

Direction of incoming supply As required

Mounting position

Mounting position

07/28/2010
### Protection against direct contact
- Finger and back-of-hand proof
- Mechanical shock resistance: half-sinusoidal shock 10 ms to IEC 60068-2-27
- Altitude: 2000 m

### Terminal capacity
- Screw terminals:
  - Solid: 1 × (1 – 6) mm²
  - Flexible with ferrule to DIN 46228: 1 × (1 – 6) mm²
- Springloaded terminals:
  - Solid: 1 × (1…2.5) mm²
  - Flexible with ferrule to DIN 46228: 1 × (1…2.5) mm²

### Terminal capacity screw terminals
- Solid to 2 mm²
- Flexible with ferrule to DIN 46228 to 2 mm²

### Terminal capacity springloaded terminals
- Solid to 2 mm²
- Flexible with ferrule to DIN 46228 to 2 mm²

### Specified tightening torque for terminal screws
- Main cable: 1.7 Nm
- Control circuit cables: 1 Nm

### Main conducting paths
- Rated impulse withstand voltage: $U_{imp}$ V AC 6000
- Overvoltage category/pollution degree: III/3
- Rated operational voltage: $U_o$ V AC 690
- Rated uninterrupted current – rated operational current: $I_u - I_o$ A 32 or current setting of the overcurrent release
- Rated frequency: Hz 40 – 60
- Current heat loss (3 pole at operating temperature): W 6
- Lifespan, mechanical: Operations $\times 10^6$ 0.1
- Lifespan, electrical (AC-3 at 400 V): Operations $\times 10^6$ 0.1
- Maximum operating frequency: Max. operating frequency Ops./h 40

### Motor switching capacity
- AC: 32 A
- DC-5 (up to 250 V): 25 A (3 contacts in series)

### Trip blocks
- Temperature compensation to IEC/EN 60947, VDE 0660
- Temperature compensation residual error for $T > 40$ °C: %/K ≤ 0.25
- Setting range of overload releases: $\times I_u$ 0.6 – 1
- Short-circuit release fixed: $\times I_u$ 14
- Short-circuit release tolerance: % & 177: 20

### Dimensions

Motor-protective circuit-breaker tripping characteristic (high-capacity) compact starter, PKZM0-...T (not for PKM0-...), PKZM01
Motor-protective circuit-breaker with standard auxiliary contact
PKZM0-...(+NHI-E-...-PKZ0)
PKZM0-...-T(+NHI-E-...-PKZ0)
PKZM0-...-AK-PKZ0

Motor-protective circuit-breakers with lockable rotary handles
PKZM0-...+AK-PKZ0
Motor-protective circuit-breakers with early-make auxiliary contacts
PKZM0-...+VHI-...-PKZ0