### Technical data

#### Residual-current relay

**PFR-003**

- **Standards**: IEC/EN 60947-2, IEC 755, IEC 1008, IEC 1009
- **Sensitivity**: Pulse current sensitive, type A
- **Rated control voltage** \( U_\text{AC} \): 230 ±20 % (50/60 Hz)
- **Motor rating** \( P_\text{L} \): 3
- **Rated fault currents** \( I_{\text{dn}} \): 0.03
- **Delay time** \( t_\text{v} \): 0.02 (non-delayed)
- **Relay contacts**: 1 integrated changeover contact
- **Rated voltage of the relay contact** \( V_{\text{AC/DC}} \): 250/100
- **Rated current of the relay contact** \( A \): 6
- **Fault current warning** \( Hz \): 

**PFR-03**

- **Rated control voltage** \( U_\text{AC} \): 3
- **Motor rating** \( P_\text{L} \): 3
- **Rated fault currents** \( I_{\text{dn}} \): 0.3
- **Delay time** \( t_\text{v} \): 0.02 (non-delayed)
- **Relay contacts**: 1 integrated changeover contact
- **Rated voltage of the relay contact** \( V_{\text{AC/DC}} \): 250/100
- **Rated current of the relay contact** \( A \): 6
- **Fault current warning** \( Hz \): 

**PFR-5**

- **Rated control voltage** \( U_\text{AC} \): 3
- **Motor rating** \( P_\text{L} \): 3
- **Rated fault currents** \( I_{\text{dn}} \): 0.03, 0.1, 0.3, 0.5, 1, 3
- **Delay time** \( t_\text{v} \): 0.02, 0.1, 0.3, 0.5, 1, 3
- **Relay contacts**: 1 integrated changeover contact
- **Rated voltage of the relay contact** \( V_{\text{AC/DC}} \): 250/100
- **Rated current of the relay contact** \( A \): 6
- **Fault current warning** \( Hz \): 

#### Electrical

- **Standards**: IEC/EN 60947-2, IEC 755, IEC 1008, IEC 1009
- **Sensitivity**: Pulse current sensitive, type A
- **Rated control voltage** \( U_\text{AC} \): 230 ±20 % (50/60 Hz)
- **Motor rating** \( P_\text{L} \): 3
- **Rated fault currents** \( I_{\text{dn}} \): 0.03
- **Delay time** \( t_\text{v} \): 0.02 (non-delayed)
- **Relay contacts**: 1 integrated changeover contact
- **Rated voltage of the relay contact** \( V_{\text{AC/DC}} \): 250/100
- **Rated current of the relay contact** \( A \): 6
- **Fault current warning** \( Hz \): 

#### Mechanical

- **Standard front dimension** \( \text{mm} \): 45
- **Device height** \( \text{mm} \): 85
- **Device width** \( \text{mm} \): 45
- **Mounting**: Snap fixing, top-hat rail DIN 46277, IEC/EN 60715
- **Terminals top and bottom**: Box terminals
- **Terminal protection**: Finger/back-of-hand proof to BGV A2, VDE 106 part 100
- **Terminal capacities** \( \text{mm}^2 \): 2 x 0.75 – 2.5 solid, 2 x 0.75 – 1.5 flexible/with ferrules
- **Sealability**: yes

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