

Technical Data

Electrical Features

- Rated voltage U_e : 240/415V
- Rated current I_e : 32, 40, 50, 63, 80, 100, 125A
- Poles: 1P, 2P, 3P, 4P
- Rated frequency: 50/60Hz
- Rated impulse withstand voltage $(1.2/50)U_{imp}$: 4,000V
- Rated short-time withstand current I_{cw} : $12I_e$, 1s
- Rated making and breaking capacity: $3I_e$, $1.05U_e$, $\cos\phi=0.65$
- Rated short circuit making capacity: $20I_e$, $t=0.1s$
- Dielectric test voltage at ind. Freq. for 1min: 2.5kV
- Insulation voltage U_i : 500V
- Pollution degree: 2
- Utilization category: AC-22A



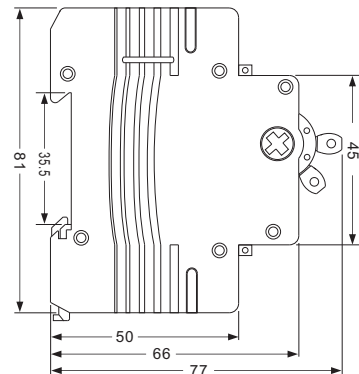
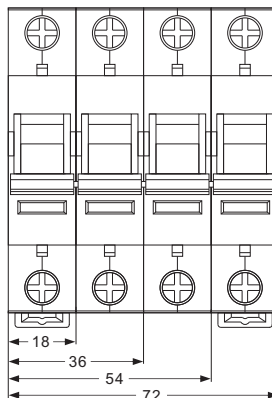
Mechanical Features

- Electrical life: 2,000 Cycles
- Mechanical life: 4,000 Cycles
- Contact position indicator: Yes
- Protection degree: IP20
- Ambient temperature (with daily average $\leq 35^\circ\text{C}$): $-5^\circ\text{C} \sim +40^\circ\text{C}$
- Storage temperature: $-25^\circ\text{C} \sim +70^\circ\text{C}$

Installation

- Terminal connection type: Cable/U-type busbar/Pin-type busbar
- Terminal size top/bottom for cable: 50mm^2 18-1/0AWG
- Terminal size top/bottom for busbar: 50mm^2 18-1/0AWG
- Tightening torque 2.5 N*m 22In-lbs.
- Mounting: On DIN rail EN 60715 (35mm) by means of fast clip device
- Connection: From top and bottom

Overall and Installation Dimension(mm)



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- Poles: 1P, 2P, 3P, 4P
- Rated frequency: 50/60Hz
- Rated impulse withstand voltage (1.2/50) U_{imp} : 4,000V
- Rated short-time withstand current I_{cw} : 12 I_e , 1s
- Rated making and breaking capacity: 3 I_e , 1.05 U_e , $\cos \phi = 0.65$
- Rated short circuit making capacity: 20 I_e , $t = 0.1s$
- Dielectric test voltage at ind. Freq. for 1min: 2.5kV
- Insulation voltage U_i : 500V
- Pollution degree: 2
- Utilization category: AC-22A



Mechanical Features

- Electrical life: 1,500 Cycles
- Mechanical life: 8,500 Cycles
- Protection degree: IP20
- Ambient temperature (with daily average $\leq 35^\circ\text{C}$): $-5^\circ\text{C} \sim +40^\circ\text{C}$
- Storage temperature: $-25^\circ\text{C} \sim +70^\circ\text{C}$



Installation

- Terminal connection type: Cable/Pin-type busbar
- Terminal size top/bottom for cable: 50mm^2
- Terminal size top/bottom for busbar: 50mm^2
- Tightening torque 2.5 N*m
- Connection: From top and bottom



Overall and Installation Dimension(mm)

