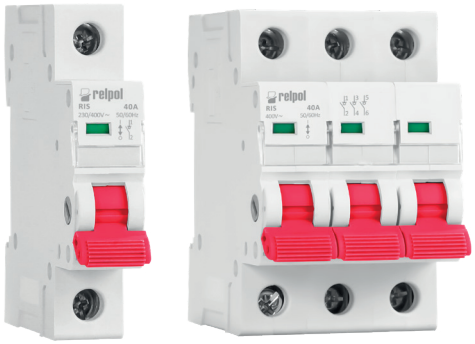


Rated current 16–125 A • IEC 60947-3

- Fork and pin busbar connection (top/bottom)
- Transparent identification window
- Mounting on DIN TH35 rail
- Connection capacity 2.5–50 mm²
- Contact position indication function
- Recognitions, certifications: CE, RoHS 2.0

RIS isolator is mainly intended for distribution and control circuits with AC 50 Hz, rated voltage up to 400 V and rated current up to 125 A. It is mainly used as the main switch in distribution assemblies and can also be used for infrequent switching of low-power appliances and lighting.

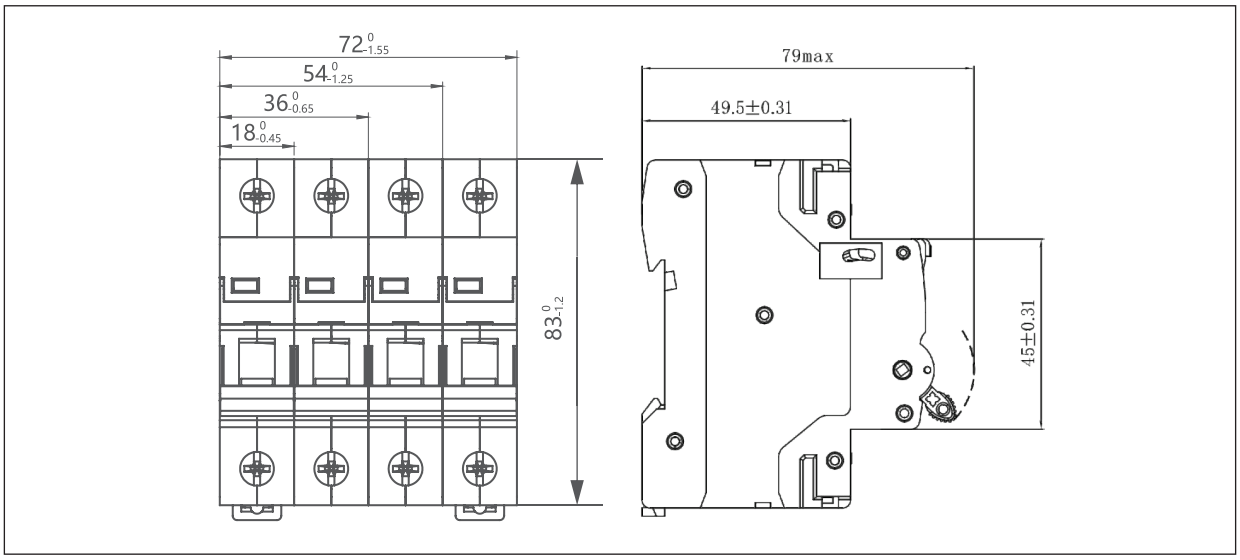
It is widely used in industrial and mining enterprises, high-rise buildings, commercial and residential buildings.

Technical Specification

Rated voltage ($\mathbf{U_n}$)	1P: 230/240 V; 2P–4P: 400/415 V
Rated current ($\mathbf{I_n}$)	16, 20, 25, 32, 40, 50, 63, 80, 100, 125 A
Operating frequency	50/60 Hz
Rated insulation voltage ($\mathbf{U_i}$)	690 V
Rated impulse withstand voltage ($\mathbf{U_{imp}}$)	6 kV
Number of poles	1P / 2P / 3P / 4P
Rated short-time withstand current ($\mathbf{I_{cw}}$)	12 × $\mathbf{I_e}$, power-on time 1 s
Rated short-circuit making capacity ($\mathbf{I_{cm}}$)	20 × $\mathbf{I_e}$, power-on time 0.1 s
Mechanical life	10,000 switching cycles
Electrical life	up to 63 A: 2,500 switching cycles; above 63 A: 1,500 switching cycles
Connection capacity	2.5–50 mm²
Mounting modes	DIN TH35 rail mounting

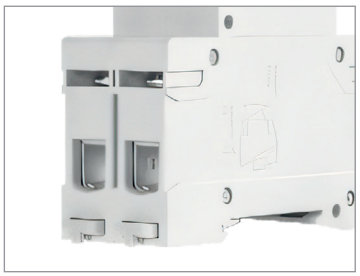
Export Sales Department phone +48 68 47 90 822, 850 • e-mail: export@relpol.com.pl

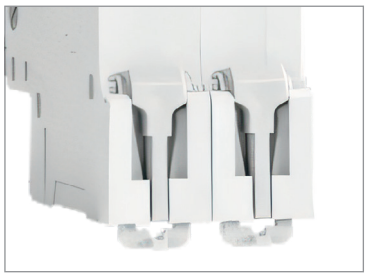
Outline Overall And Installing Dimensions

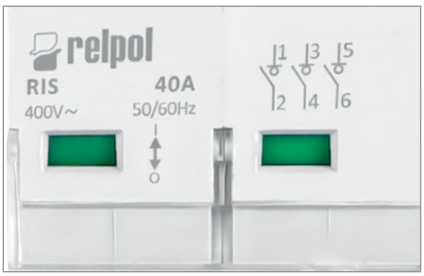


Dimensions are given in millimetres. Mounting width depending on version:

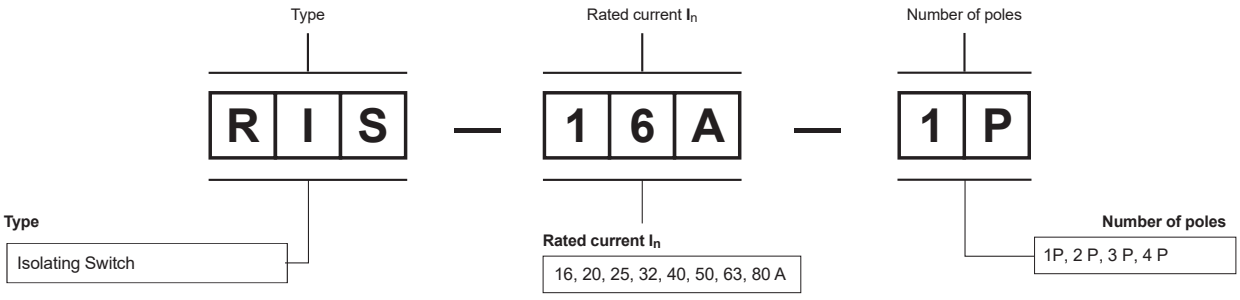
1P	2P	3P	4P
18 mm	36 mm	54 mm	72 mm







Ordering codes



Examples of ordering codes:

RIS-125A-1P Isolating Switch, 1-pole, 125 A, 230 V AC

RIS-63A-3P Isolating Switch, 3-pole, 63 A, 400 V AC

PRECAUTIONS:

1. Ensure that the parameters of the product described in its specification provide a safety margin for the appropriate operation of the device or system and never use the product in circumstances which exceed the parameters of the product. **2.** Never touch any live parts of the device. **3.** Ensure that the product has been connected correctly. An incorrect connection may cause malfunction, excessive heating or risk of fire. **4.** In case of any risk of any serious material loss or death or injuries of humans or animals, the devices or systems shall be designed so to equip them with double safety system to guarantee their reliable operation.