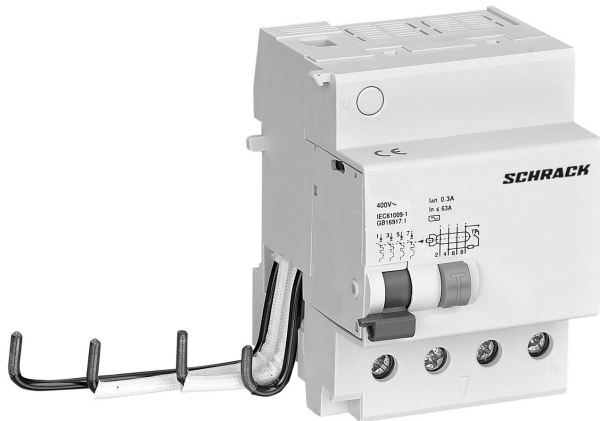


■ Datasheet : RCD Add-on Block for AMPARO MCB 4-pole, type A, 40A, 30mA



■ SCHRACK-INFO

- Retrofit add-on block for circuit breaker
- 4-pole
- Terminal cross section: 1-25mm²
- Type A undelayed

■ Technical datas

Regulations	EN 61009-1
Poles	4
Type	A
Delay-type	undelayed
Rated current I _n	40A
Rated sensitivity I _{Δn}	0,03A
Rated voltage U _e	240/415VAC
Insulation voltage U _i	500VAC
Rated frequency (AC)	50/60 Hz
Power supply	bottom
Rated impulse withstand voltage (1,2/50) U _{imp}	6kV

Dielectric test voltage at inductive Frequency. for 1 min.	2kV
Short-circuit current $I_{nc} = I_{\Delta c}$	10000A
Pollution degree	2

■ Mechanical features

Electrical life	2000 switching cycles
Mechanical life	20000 switching cycles
Contact position indicator	Yes
Degree of protection	IP 20
Ambient temperature (with daily average ≤ 35)	-10°C till +60°C
Storage temperature	-25°C till +70°C

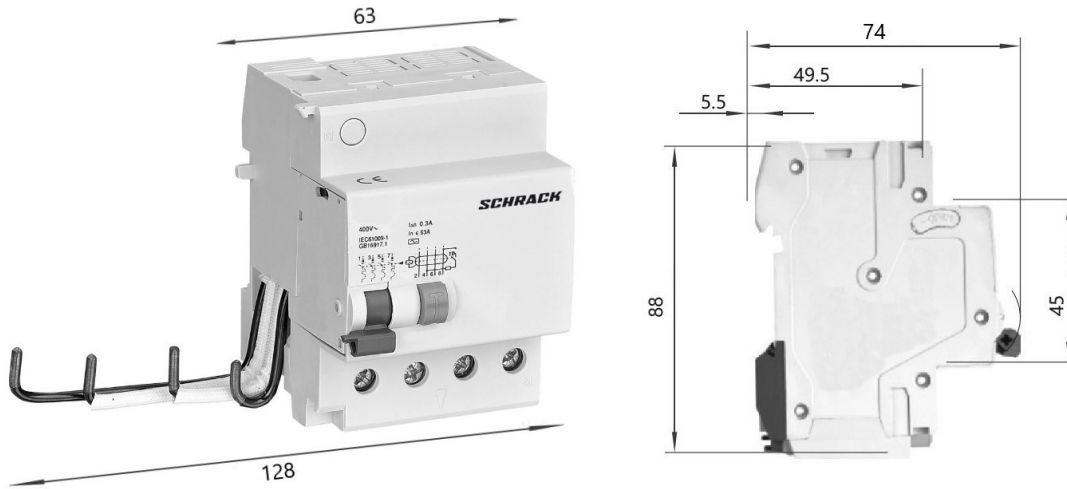
■ Tripping time

undelayed	$I_{\Delta n}$	$\leq 300\text{ms}$
	$2 \times I_{\Delta n}$	$\leq 150\text{ms}$
	$\geq 5 \times I_{\Delta n}$	$\leq 40\text{ms}$
G	$I_{\Delta n}$	$\geq 10\text{ms}$ and $\leq 300\text{ms}$
	$2 \times I_{\Delta n}$	$\geq 10\text{ms}$ and $\leq 150\text{ms}$
	$\geq 5 \times I_{\Delta n}$	$\geq 10\text{ms}$ and $\leq 40\text{ms}$
S	$I_{\Delta n}$	$\geq 130\text{ms}$ and $\leq 500\text{ms}$
	$2 \times I_{\Delta n}$	$\geq 60\text{ms}$ and $\leq 200\text{ms}$
	$5 \times I_{\Delta n}$	$\geq 50\text{ms}$ and $\leq 150\text{ms}$
	$> 5 \times I_{\Delta n}$	$\geq 40\text{ms}$ and $\leq 150\text{ms}$

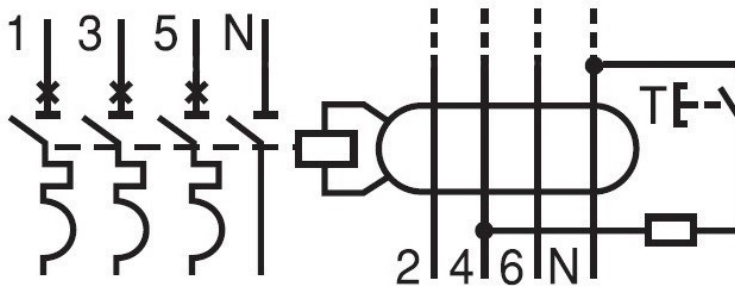
■ Installation

Terminal connection type	Cable/U-type busbar/Pin-type busbar
Terminal size top/bottom for cable	25 mm ² / AWG 18-3
Terminal size top/bottom for busbar	10 mm ² / AWG 10
Tightening torque	2 Nm / 18 in-lbs.
Mounting	On DIN rail EN 60715 (35mm) by means of fast clip device
Connection	From above and below

Dimensions



Wiring diagram



Articlenumber

Description	Articlenumber
RCD Add-on Block for AMPARO MCB 4-pole, type A, 40A, 30mA	ARA04403--