

DATA SHEET

RCCB, RESIDUAL CURRENT CIRCUIT BREAKER, SERIES AMPARO TYPE B



SCHRACK-INFO

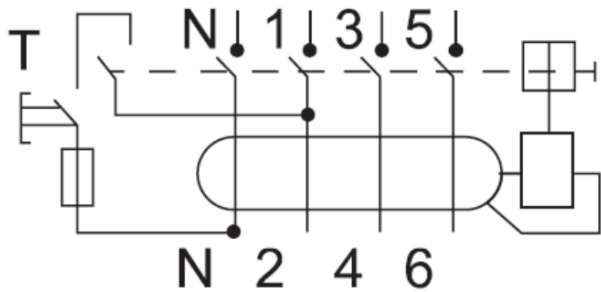
- Tripping indicator
- Lift and clamp terminals on both sides
- Terminal cross-section: 2,5-35mm²
- Terminal guide for secure connection
- snap-on mounting for DIN rail EN 50 022

Technical data:

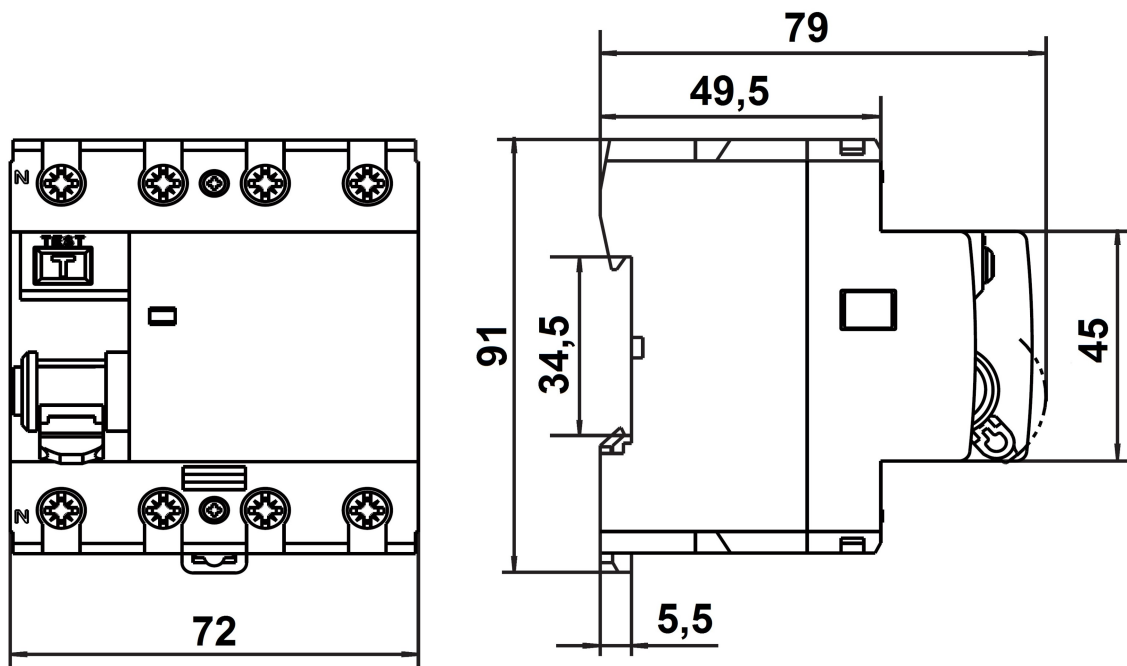
Standard	IEC/EN 61008-1 & IEC / EN 62423
Poles:	4
Type	B
Delay-type	no delay
Rated current I_n	40A, 63A
Rated sensitivity $I_{\Delta n}$	0,03A
Rated voltage U_e	230/400V-AC
Insulation voltage U_i	500V
Rated frequency (AC):	50/60Hz
Rated impulse withstand voltage (1,2/50) U_{imp}	4kV
Dielectric test voltage at ind. Freq. For 1 min.	2,5kV
Short-circuit current $I_{nc} = I_{\Delta c}$	10000A

Max. back-up fuse as short circuit protection (SCPD):		
	40A	63A gG
	63A	63A gG
Max. back-up fuse as overload protection (OCPD):		
	40A	25A gG
	63A	40A gG
Rated residual making and breaking capacity		
	40A	500A
	63A	630A
Tripping time		
	undelayed	$I\Delta n$ ≤ 300ms
		$2 \times I\Delta n$ ≤ 150ms
		$\geq 5 \times I\Delta n$ ≤ 40ms
No tripping residual current $I_{\Delta no}$		≤ 0,5 $I\Delta n$
Lamp strength		commercially available, according to technical datas of electronic ballasts producer Max. 20 electronic ballasts per phase, max. 60 per
Certificate		VDE for Typ A in 2 pole version
Power loss	4 pole	40A ≤ 17W
		63A ≤ 22,5W
Pollution degree		2
Electrical endurance:		> 2.000 operating cycles
Mechanical endurance:		> 2.000 operating cycles
Tripping indicator		Yes
Protection degree		IP 20
Ambient temperature daily average ≤ 35 °C		-25 °C to +40 °C
Operating temperature:		-25 °C to +70 °C
Terminal connection type		Cable/U-type busbar / Pin-type busbar
Connection		From top and bottom
Terminal cross-section:		2,5-35mm ²
Terminal tightening torque:		2.5 Nm
Mounting:		on DIN rail EN 60715 (35mm)
		by means of fast clip device

■ Wiring diagram:



■ Dimensions:



 Articles:

RCCB AMPARO 10kA, 30mA, Type B

Description	order no.
4-pole	
40A / 4 / 0,03A	AR874103--
63A / 4 / 0,03A	AR876103--