

DATA SHEET

RCCB, RESIDUAL CURRENT CIRCUIT BREAKER, SERIES AMPARO



SCHRACK-INFO

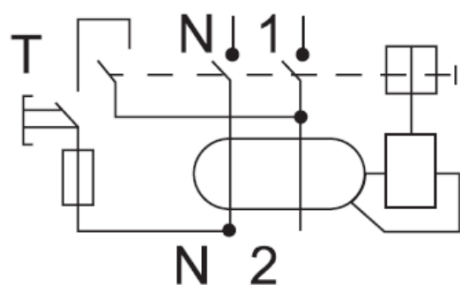
- Tripping indicator
- Terminal cross-section: 1-25mm²
- snap-on mounting for DIN rail EN 50 022

Technical data:

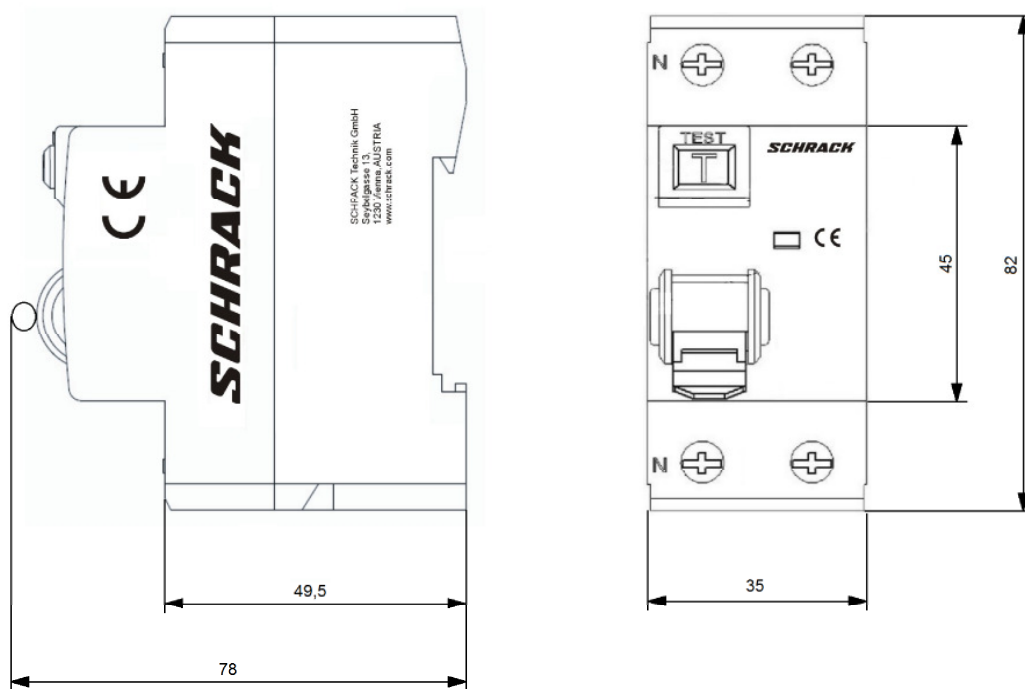
Standard	IEC/EN 61008-1
Poles:	2
Type	AC
Rated current I_n	16A, 25A
Rated sensitivity $I_{\Delta n}$	0,01A
Rated voltage U_e	230V-AC
Insulation voltage U_i	500V
Rated frequency (AC):	50/60Hz
Rated impulse withstand voltage (1,2/50) U_{imp}	6kV
Dielectric test voltage at ind. Freq. For 1 min.	2,5kV
Short-circuit current $I_{nc} = I_{\Delta c}$	6000A

Max. back-up fuse as short circuit protection (SCPD):			
	16A		63A gG
	25A		63A gG
Max. back-up fuse as overload protection (OCPD):			
	16A		10A gG
	25A		16A gG
Rated residual making and breaking capacity			
	16A		500A
	25A		500A
Tripping time			
	undelayed	$I\Delta n$	$\leq 300\text{ms}$
		$2 \times I\Delta n$	$\leq 150\text{ms}$
		$\geq 5 \times I\Delta n$	$\leq 40\text{ms}$
No tripping residual current $I_{\Delta no}$			$\leq 0,5 I\Delta n$
Power loss	2 pole	16A	$\leq 7\text{W}$
		25A	$\leq 7\text{W}$
Pollution degree			2
Electrical endurance:			> 2.000 operating cycles
Mechanical endurance:			> 2.000 operating cycles
Fault current indicator			Yes
Protection degree			IP 20
Ambient temperature daily average $\leq 35^{\circ}\text{C}$			-25°C to $+40^{\circ}\text{C}$
Operating temperature:			-25°C to $+70^{\circ}\text{C}$
Terminal connection type			Cable/Pin-type busbar
Connection			From top and bottom
Terminal cross-section:			1,5-25mm 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 6kA, 10mA, Type AC

Description	order no.
2-pole	
16A / 2 / 0,03A	AR601201--
25A / 2 / 0,03A	AR602201--