

DATA SHEET: RCBO COMBINED MCB AND RCCB SERIES AMPARO 1+N, 10KA, TYPE A, NEUTRAL ON RIGHT SIDE



SCHRACK-INFO

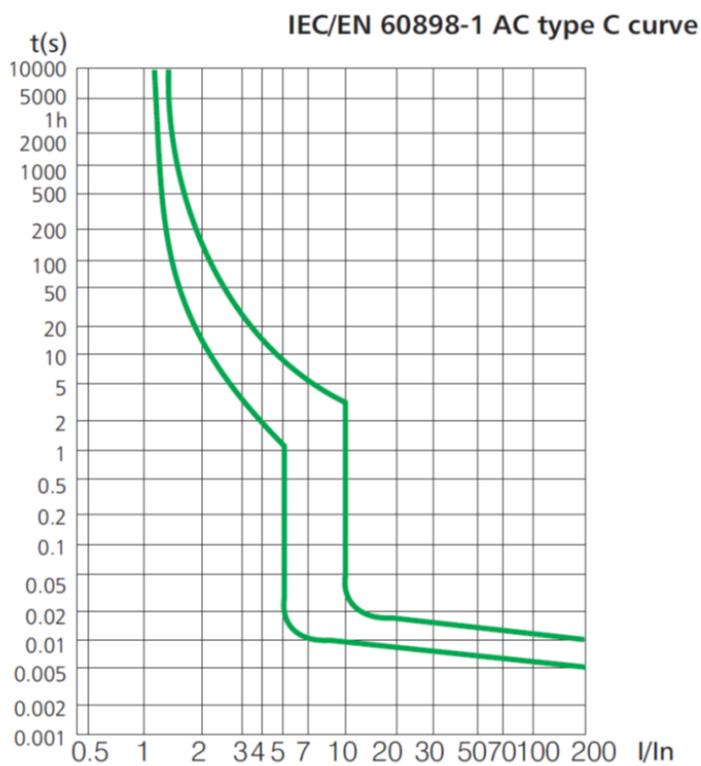
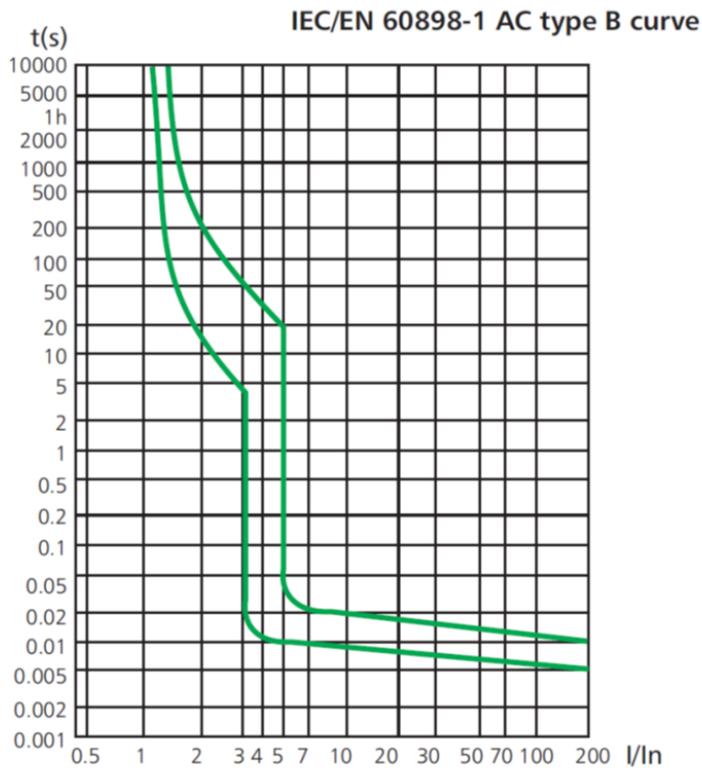
- Contact position indicator
- Terminal guide for secure connection
- Terminal cross-section: 1-25mm²
- Snap-on mounting for DIN rail EN 50 022

TECHNICAL DATA:

Standards:	IEC 61009-1 / EN 61009-1
Type	A
Poles	1+N
Rated voltage (AC):	230/400V-AC
Rated frequency (AC):	50/60Hz
Rated current I _n	32A, 40A
Tripping characteristics:	B, C
Rated sensitivity I _{Δn}	0,03A
Breaking time under I _{Δn}	≤ 0,1s
Rated breaking capacity:	6 kA
Energy limiting class	3
Rated residual making and breaking capacity	500A
Breaking capacity I _{Δm}	10000A

Rated impulse withstand voltage (1,2/50) U _{imp}	6kV
Dielectric test voltage at ind. Freq. for 1 min.	2kV
Insulation voltage U _i	500V
Max. back-up fuse as short circuit protection (SCPD):	63A gG
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 _{Δno}	≤ 0,5 IΔn
Power loss	≤ 6.7W
Polution degree	2
Electrical endurance:	> 2.000 operating cycles
Mechanical endurance:	> 2.000 operating cycles
Contact position indicator	yes
Protection degree	IP 20
Reference temperature:	30°C
Tripping temperature:	-5 °C to +40 °C
Operating temperature:	-25 °C to +70 °C
Terminal connection type top	Cable/ Pin-type busbar
Terminal connection type bottom	Cable/U-type busbar / Pin-type busbar
Connection	From top and bottom
Terminal cross-section:	1 - 25mm ²
Terminal tightening torque:	2Nm
Terminal size for busbar	10mm ²
Mounting:	on DIN rail EN 60715 (35mm) by means of fast clip device

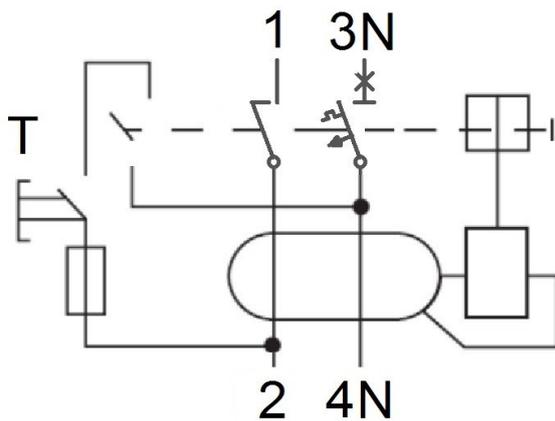
TRIPPING CURVES:



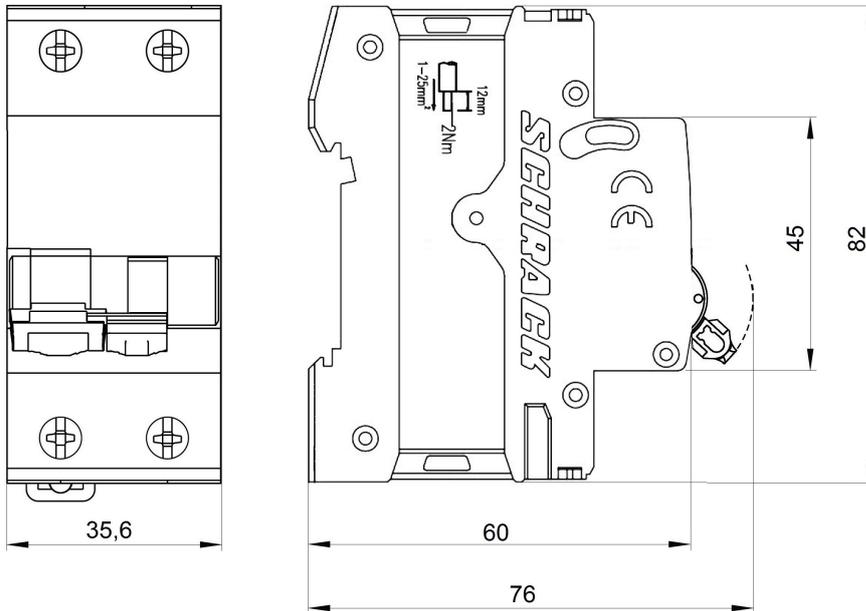
INFLUENCE OF AMBIENT TEMPERATURE ON TRIPPING CURRENT

	- 10°C	0°C	10°C	20°C	30°C	40°C	50°C	60°C
32A	38,4	36,8	35,2	33,6	32	30,4	28,8	27,2
40A	48	46	44	42	40	38	36	34

WIRING DIAGRAM:



■ DIMENSIONS:



■ ARTICLES:

RCBO Combined MCB and RCCB series AMPARO 1+N, 10kA, type A, neutral on right side

Description	order no.
Characteristic B	
32A	AK618632--
40A	AK618640--
Characteristic C	
32A	AK617632--
40A	AK617640--