

Residual Current Circuit Breakers with overcurrent protection

RFI2



- RFI2 is a combination of a residual current circuit breaker and a miniature circuit breaker (RCBO)
- A built-in protection against overload and short-circuit
- RFI2 may be used to provide:
 - fault protection (protection against indirect contact)
 - protection against fire
 - additional protection against direct contact
- The switch is type A which means that it is sensitive to alternating and pulsating d.c. residual currents
- Sealing in ON or OFF position
- Assembly to a 35 mm wide mounting rail in accordance with EN 60715
- Optional operation position
- Degree of protection IP20, degree of protection IP40 after installation in a distribution box
- Additional colour indication of the position of main contacts (red - contacts closed, green - contacts open)

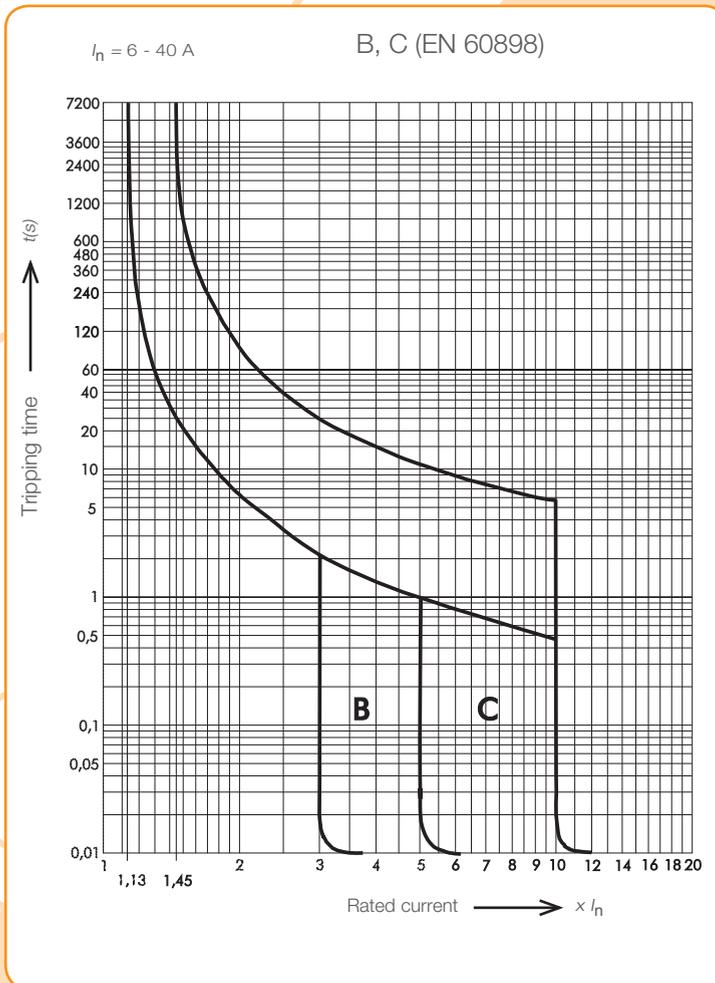
TECHNICAL DATA

Type	A		RFI2
Standards			IEC/EN 61009
Approvals			VDE, GOST-R
No. of poles			2
Tripping characteristic			B, C
Rated voltage	U_n	V	230
Rated impulse voltage	U_{imp}	kV	4
Rated frequency	f	Hz	50
Rated current	I_n	A	6, 10, 16, 20, 25, 32, 40
Rated residual operating current	$I_{\Delta n}$	mA	10 ($I_n = 6 - 25 A$), 30, 100, 300, 500
Rated short-circuit capacity		kA	10
Selectivity class			3
Terminal capacity	S	mm ²	1.5 ... 25
Ambient temperature		°C	-25 ... +40
Storage temperature		°C	-35 ... +60
Tightening torque		Nm	2.0
Accessories			Auxiliary and signal changeover contacts

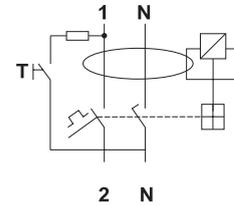
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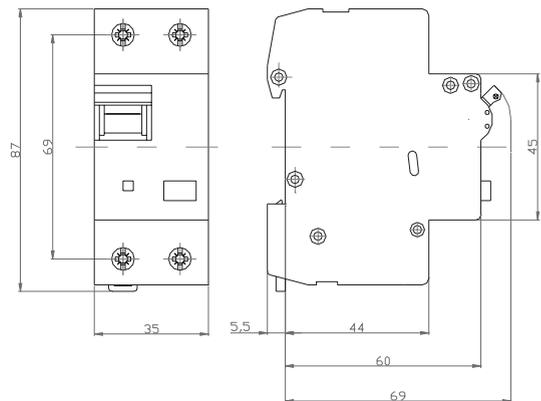
TRIPPING CHARACTERISTIC



CONNECTION DIAGRAM



DIMENSIONS



ORDERING DATA

