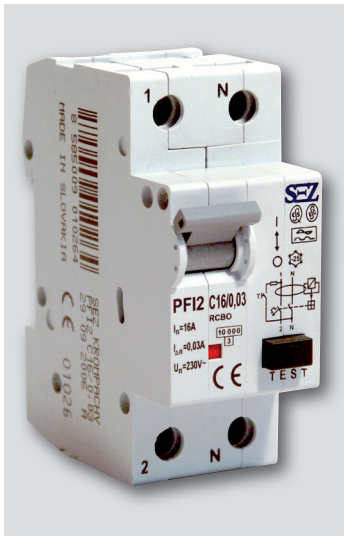


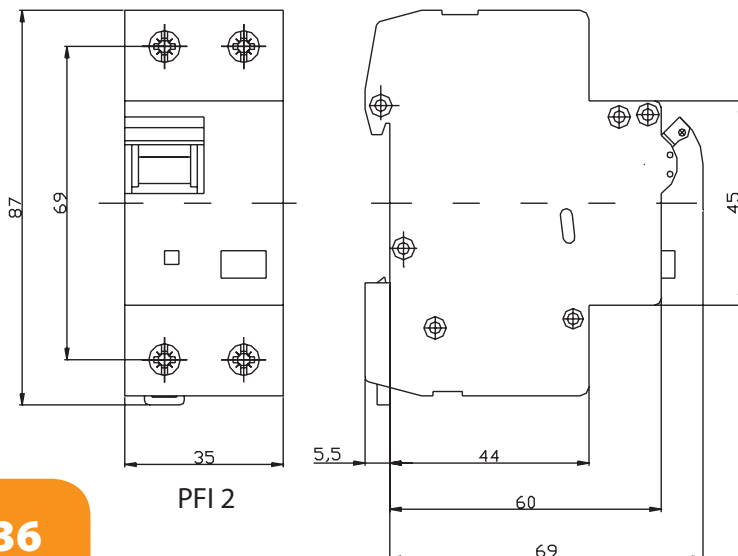
- device is a combination of residual current circuit breaker and circuit breaker for rated current 6, 10, 16, 20, 25, 32, 40 A
- they are used in house and similar installations
- protection against:
 - additional protection in the even direct contact
 - indirect contact
 - fire
 - overcurrents
 - short circuit (breaking capacity 10 kA)
- range of rated residual operating current $I_{\Delta n}$ is 10, 30, 100, 300, 500 mA ($I_{\Delta n} = 10$ mA for devices with rated current up to 25 A including)
- tripping characteristics B,C according STN EN 61 009-1
- simple assembly with spring clamps to the strip 35 x 7,5 EN 60 715
- sealable in on and off position
- optical state indicator on the front side indicating operation state of device (green target visible – closed contacts, red target visible – opened contacts)
- connected clamp headed/stirrupted range of connecting wires 1,5 - 25 mm²
- working position optional
- there is a possibility to use auxiliary contacts
- device is compatible with circuit breakers dimensions PR 60, PRe 60, PRe 40

Technical data



Standards	EN 61 009-1
Number of poles	2
Rated current I_n (A)	6, 10, 16,25, 32, 40
Tripping characteristics	B, C
Rated voltage U_n (V)	230
Rated frequency (Hz)	50 Hz
Rated residual current $I_{\Delta n}$ (mA)	10, 30,100, 300, 500
Type of residual operating current	type A – to alternating and pulsating DC residual operating currents
Instantaneous tripping characteristics	without belatedly
Short circuit breaking capacity (kA)	10
Selection category	3
Electrical endurance (switching cycles)	4000
Mechanical endurance (switching cycles)	10000
Connecting clamps	headed/stirrupted
Connecting wires (mm ²)	1,5 – 25
Mounting	on DIN rail 35 x 7,5 EN 60 715
Degree of protection	IP 20, IP 40 from the front panel
Ambient air temperature (°C)	- 25 up to + 40
Approved	according to type label
Accessories	auxiliary and signal changeover contacts

Dimensional drawing of PFI 2



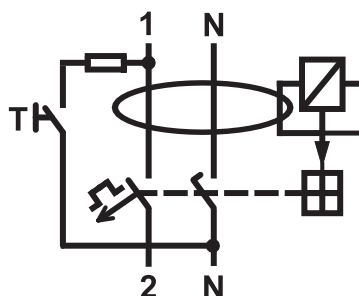
Characteristic B

Ordering Nr.	Type
0090600	PFI2 B6/0,01
0090601	PFI2 B10/0,01
0090602	PFI2 B16/0,01
0090603	PFI2 B20/0,01
0090604	PFI2 B25/0,01
0090610	PFI2 B6/0,03
0090611	PFI2 B10/0,03
0090612	PFI2 B16/0,03
0090613	PFI2 B20/0,03
0090614	PFI2 B25/0,03
0090615	PFI2 B32/0,03
0090616	PFI2 B40/0,03
0090620	PFI2 B6/0,1
0090621	PFI2 B10/0,1
0090622	PFI2 B16/0,1
0090623	PFI2 B20/0,1
0090624	PFI2 B25/0,1
0090625	PFI2 B32/0,1
0090626	PFI2 B40/0,1
0090630	PFI2 B6/0,3
0090631	PFI2 B10/0,3
0090632	PFI2 B16/0,3
0090633	PFI2 B20/0,3
0090634	PFI2 B25/0,3
0090635	PFI2 B32/0,3
0090636	PFI2 B40/0,3
0090640	PFI2 B6/0,5
0090641	PFI2 B10/0,5
0090642	PFI2 B16/0,5
0090643	PFI2 B20/0,5
0090644	PFI2 B25/0,5
0090645	PFI2 B32/0,5
0090646	PFI2 B40/0,5

Characteristic C

Ordering Nr.	Type
0090700	PFI2 C6/0,01
0090701	PFI2 C10/0,01
0090702	PFI2 C16/0,01
0090703	PFI2 C20/0,01
0090704	PFI2 C25/0,01
0090710	PFI2 C6/0,03
0090711	PFI2 C10/0,03
0090712	PFI2 C16/0,03
0090713	PFI2 C20/0,03
0090714	PFI2 C25/0,03
0090715	PFI2 C32/0,03
0090716	PFI2 C40/0,03
0090720	PFI2 C6/0,1
0090721	PFI2 C10/0,1
0090722	PFI2 C16/0,1
0090723	PFI2 C20/0,1
0090724	PFI2 C25/0,1
0090725	PFI2 C32/0,1
0090726	PFI2 C40/0,1
0090730	PFI2 C6/0,3
0090731	PFI2 C10/0,3
0090732	PFI2 C16/0,3
0090733	PFI2 C20/0,3
0090734	PFI2 C25/0,3
0090735	PFI2 C32/0,3
0090736	PFI2 C40/0,3
0090740	PFI2 C6/0,5
0090741	PFI2 C10/0,5
0090742	PFI2 C16/0,5
0090743	PFI2 C20/0,5
0090744	PFI2 C25/0,5
0090745	PFI2 C32/0,5
0090746	PFI2 C40/0,5

Connecting scheme



Tripping characteristics of PFI 2

 $I_n = 6 - 40 \text{ A}$ 