RCCB Residual Current Circuit Breaker series FI-D, 10kA, 125A

BD057130-A

Schrack-Info

- 125A rated current
- Short-circuit strength 10kA
- Tripping independent of line voltage
- Tripping indicator
- Sensitivity: AC and pulse current sensitive (type A)
- Also in selective tripping type (type S) available

Standards:	IEC 61008 / EN 61008	
Pole	4-pole	
Rated voltage Us: 4-pole	 400V-AC	
Rated frequency:	50Hz	
Rated current In:	125A	
Tripping-type:	A (pulse current sensitive) or AC (alternative current sensitive)	
Rated current IΔn:	30mA, 100mA, 300mA	
Delay-type:	short time delay or S according IEC/EN 61008 (selective)	
Surge current proof: short time delay type S, selective type	 >250A (8/20 µs) >5kA (8/20 µs) Type S	
Tripping:	line voltage-independent	
Rated insulation voltage Ui:	440V	
Rated impulse withstand voltage Uimp:	4kV (1.2/50 µs)	
Rated breaking capacity Im and rated residual making IΔm: I_n = 125A	 1250A	
Rated short-circuit capacity Icn:	10kA according EN 61008	
Max. back up fuse: I_n = 125A	overload (OPCD): 80A gG/gL	short circuit (SCPD): 125A gG/gL
Operating voltage test-circuit:	250 - 440V-AC	
Endurance:	> 2.000 operating cycles	
Lamp strength:	max. 20 electronic ballasts per phase, max. 60 per RCCB (typical, commercially available)	
Tripping position indicator:	red / green	
Rated tripping temperature:	-25°C up to +40°C	
Max. storage and transport temperature:	-35°C up to +75°C	
Climatic proofing:	according to IEC 60068-2-30: humid heat / cyclic (25 °C / 55 °C; 93 % / 97 % RH)	
Finger and hand touch safe:	according to BGV A3 (VDE 0660-514)	
Degree of protection:	IP 20 (covered IP40)	
Operating position:	in any position	
Terminals:	Double clamp / lift terminal	
Terminal cross-section:	1-50mm^{2}solid, flexible or stranded, 2x16mm^2 solid, flexible or stranded	
Terminal tightening torque:	2,5-3Nm	
Mounting:	on DIN rail by latching snap-on mounting	
Test interval:	Operate test button of RCCB 1 x every 6 months. The system operator is responsible for this test! Under non-household-type conditions (e.g. humid or dusty environment), it is recommended to carry out the test in monthly intervals. Pressing the test button "T" only tests the function of the residual current (RC) circuit breaker. This test does not replace the earthing resistance measurement (RE) nor the proper protective conductor test that must be performed separately.	

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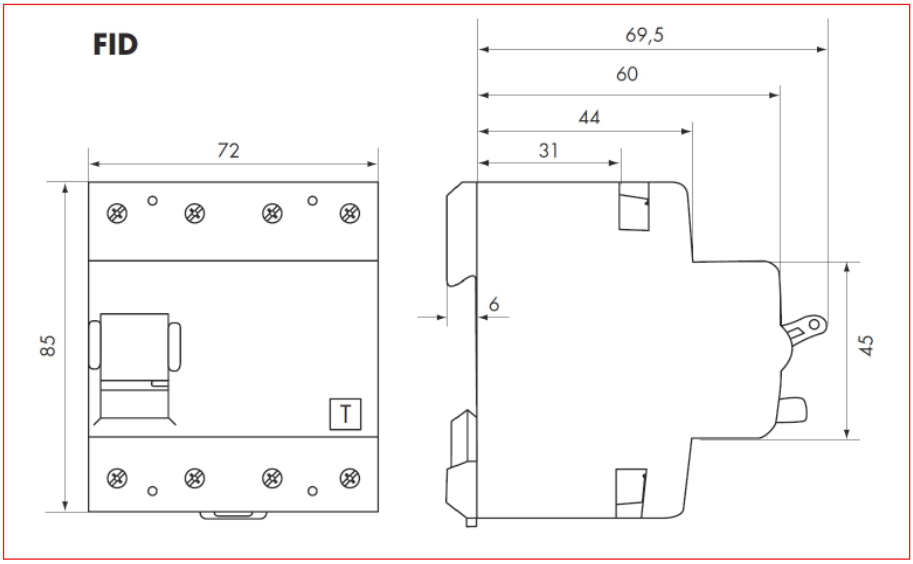
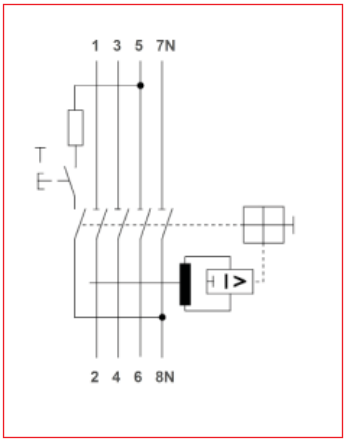
Dimensions



Wiring diagram



RCCB Residual Current Circuit Breaker series FI-D, type AC

BD037110-A

Schrack-Info

- Sensitivity: AC

DESCRIPTION	AVAILABLE	ORDER NO.
4-pole		
125A/ 4 / 0,03A		**BD037103-A**
125A / 4 / 0,1A		**BD037110-A**
125A / 4 / 0,3A		**BD037130-A**

RCCB Residual Current Circuit Breaker series FI-D, type A

BD057130-A

Schrack-Info

- Pulse current sensitive (type A)

DESCRIPTION	AVAILABLE	ORDER NO.
4-pole		
125A / 4 / 0,03A		**BD057103-A**
125A / 4 / 0,1A		**BD057110-A**
125A / 4 / 0,3A		**BD057130-A**

RCCB Residual Current Circuit Breaker series FI-D, type A, S

BD067130-A

Schrack-Info

- Pulse current sensitive (type A)
- Selective tripping type (type S)

DESCRIPTION	AVAILABLE	ORDER NO.
4-pole		
125A / 4 / 0,3A		**BD067130-A**