



Residual Current Operated Circuit-Breakers (RCCBs) For Higher Level of Protection

5SZ9 protected socket outlets

3

Features

RCCB protected socket outlet DELTA profil

- Rated voltage: 230 V AC, 50 Hz to 60 Hz
- **SCHUKO** socket outlet with integrated residual-current protection and protection shutter
- For retrofitting in existing installations or for additional protection in children's rooms, bathroom, garage, workshop, balcony, kindergarten, school etc.
- With VDE mark of conformity acc. to DIN VDE 0662 (stationary protective socket outlet for a higher level of protection, SRCD) draft
- Mode of operation is independent of system voltage

- The protective conductor is monitored but not switched
- Degree of protection IP 20
- With screwless connection terminals 1.5 mm² to 2.5 mm², for Cu and Al conductors
- For installation in conventional device boxes, Ø 60 mm, for screw mounting
- Operable in TN-S system, TN-C system and TT system
- Including frame, single frame, with 48 mm x 48 mm cutout.

Note:

The safety classes acc. to DIN VDE 0100 have to be observed when using RCCB protected socket outlets.


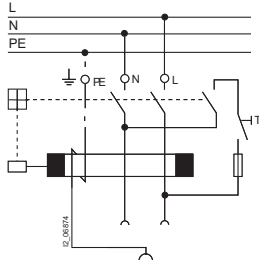


Molded-plastic enclosures fitted with N-type residual current operated circuit-breakers and N-type **SCHUKO** socket outlet

- Rated voltage: 230 V AC, 50 Hz to 60 Hz
- For electrical devices which involve the danger of unintentional touching of live parts when being damaged
- For outdoor connection of gardening equipment and socket outlets in workshops or for agricultural purposes
- Degree of protection IP 54.

Body Guard protected socket outlet

- Rated voltage: 230 V AC, 50 Hz up to 60 Hz
- With built-in N-type RCCB
- For protection against personal injury
- Degree of protection IP 44 (splash-proof)
- Surge-proof (DIN VDE 0664 Part 1)
- Two shielded contact socket outlets 16 A with protection shutter
- 1.2 m feeder cable with shielded contact plug.

Selection and ordering data

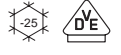
	$I_{\Delta n}$ mA	I_n A	Order No.	Price 1 item	Weight 1 item kg	Pack. unit Items
 <p>RCCB protected socket outlet SCHUKO socket outlet DELTA profil titanium white</p>  <p>Suitable for mounting on 5TG1 825 surface-mounting enclosures.</p>	10	16	5SZ9 211		0.400	1
	30		5SZ9 212			
 <p>Molded-plastic enclosures fitted with N-type residual current operated circuit-breakers N-type SCHUKO socket outlet</p>	10	16	5SZ9 206		0.460	1
	30		5SZ9 216		0.860	
 <p>Body guard protected socket outlet</p>	30	16	5SZ9 207		0.996	1

For dimension drawings see page 3/24.
For further cut-out frames for multiple combinations on request.

Residual Current Operated Circuit-Breakers (RCCBs) Combined Devices RCBO

6 000
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(Type A)


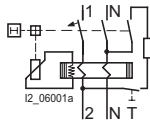


5SU N-type residual current operated circuit-breakers 6 A to 32 A

Features

- Rated voltage: 125 V AC to 230 V; 50 Hz to 60 Hz
- Applicable in networks: 120/240 V AC, 230 V AC
- Snap-on mounting on 35 mm standard mounting rail acc. to EN 50 022
- Characteristic B and C
- 2-pole
- Surge-proof acc. to DIN VDE 0664 Part 1

Selection and ordering data

	$I_{\Delta n}$ mA	I_n A	MW	Order No.	Price 1 item	Weight 1 item kg	Pack. unit Items	
For AC and pulsating DC fault currents								
 <p>125 V AC to 230 V; 50 Hz to 60 Hz; 2-pole Characteristic B</p>  <p>12_06001a</p>	10	10 16	4	5SU2 566-0KS10 5SU2 566-0KS16		0.450	1	
	30	6 10 16		5SU3 566-0KS06 5SU3 566-0KS10 5SU3 566-0KS16				
		20 25 32		5SU3 566-0KS20 5SU3 566-0KS25 5SU3 566-0KS32				
	300	6 10 16		5SU6 566-0KS06 5SU6 566-0KS10 5SU6 566-0KS16				
		20 25 32		5SU6 566-0KS20 5SU6 566-0KS25 5SU6 566-0KS32				
	Characteristic C	10	10 16	4	5SU2 567-0KS10 5SU2 567-0KS16			
		30	10 16		5SU3 567-0KS10 5SU3 567-0KS16			
			20 25 32		5SU3 567-0KS20 5SU3 567-0KS25 5SU3 567-0KS32			
		300	10 16		5SU6 567-0KS10 5SU6 567-0KS16			
			20 25 32		5SU6 567-0KS20 5SU6 567-0KS25 5SU6 567-0KS32			

For accessories see page 3/21.
For dimension drawings and terminal designations see page 3/23.

6 000
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Residual Current Operated Circuit-Breakers (RCCBs) Combined Devices RCBO

5SU N-type residual current operated circuit-breakers 6 A to 32 A

3

Features

- Rated voltage: 230 V AC; 50 Hz to 60 Hz
- Snap-on mounting on 35 mm standard mounting rail acc. to EN 50 022
- For busbar mounting with devices with modular-size terminals
- MCB characteristic C
- Surge-proof acc. to DIN VDE 0664 Part 1
- 2-pole (one phase with switched neutral conductor)

Selection and ordering data

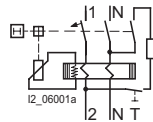
$I_{\Delta n}$	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
mA	A			1 item	kg	Items

For AC and pulsating DC fault currents



230 V AC; 50 Hz to 60 Hz; 2-pole

Characteristic C



30	6	2	5SU3 767-0KV06			
	10		5SU3 767-0KV10			
	13		5SU3 767-0KV13			
	16		5SU3 767-0KV16			
	20		5SU3 767-0KV20			
	25		5SU3 767-0KV25			
	32		5SU3 767-0KV32			
300	6		5SU6 767-0KV06			
	10		5SU6 767-0KV10			
	16		5SU6 767-0KV16			
	20		5SU6 767-0KV20			
	25		5SU6 767-0KV25			
	32		5SU6 767-0KV32			

0.220 1

For accessories see page 3/21.
For dimension drawings and terminal designations see page 3/23.

Residual Current Operated Circuit-Breakers (RCCBs) Combined Devices RCBO

6 000
3

(Type A)


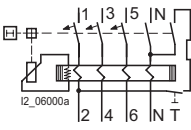


5SU N-type residual current operated circuit-breakers 6 A to 32 A

Features

- Rated voltage: 230 V AC to 400 V; 50 Hz to 60 Hz
- Applicable in networks: 220/280 V AC, 230/400 V AC, 240/415 V AC
- Snap-on mounting on 35 mm standard mounting rail acc. to EN 50 022
- Characteristic B and C
- 4-pole
- Surge-proof acc. to DIN VDE 0664 Part 1

Selection and ordering data

	$I_{\Delta n}$	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit	
	mA	A			1 item	kg	Items	
For AC and pulsating DC fault currents								
 <p>230 V AC to 400 V; 50 Hz to 60 Hz; 4-pole Characteristic B</p> 	30	6	6	5SU3 666-0KS06		0.750	1	
		10		5SU3 666-0KS10				
		16		5SU3 666-0KS16				
		20		5SU3 666-0KS20				
		25		5SU3 666-0KS25				
		32		5SU3 666-0KS32				
	300	6		5SU6 666-0KS06	0.600	0.750		
		10		5SU6 666-0KS10				
		16		5SU6 666-0KS16				
		20		5SU6 666-0KS20				
		25		5SU6 666-0KS25				
		32		5SU6 666-0KS32				
<p>Characteristic C</p>	30	10		5SU3 667-0KS10		0.750		
		16		5SU3 667-0KS16				
		20		5SU3 667-0KS20				
		25		5SU3 667-0KS25				
		32		5SU3 667-0KS32				
		300		10				
	16		5SU6 667-0KS16					
	20		5SU6 667-0KS20					
	25		5SU6 667-0KS25					
	32		5SU6 667-0KS32					
	<p>230 V AC to 400 V; 50 Hz to 400 Hz; 4-pole Characteristic B</p>		30	6	6	5SU3 666-0KD06		
		16		5SU3 666-0KD16				
30		16	5SU3 667-0KD16					
<p>RCCB module as additional component for 5SY and 5SP4 MCBs (see chapter 2) with rated current</p>		6 A/40 A						
		6 A/63 A						
		80 A/100 A.						



For accessories see page 3/21.
For dimension drawings and terminal designations see page 3/23.

Residual Current Operated Circuit-Breakers (RCCBs) All Product Ranges

Accessories

3

Selection and ordering data



	Order No.	Price	Weight kg	Pack. unit Items
Terminal cover, gray for surface mounting, degree of protection IP 40, sealable, with 35 mm standard mounting rail up to 2.5 MW up to 4.5 MW		1 item	1 item	
	5SW3 004		0.084	10
	5SW3 005		0.114	5
Wall box, gray for flush mounting, degree of protection IP 40, with 35 mm standard mounting rail up to 2.5 MW up to 4.5 MW			0.126	5
	5SW3 006		0.147	5
	5SW3 007			
Molded-plastic enclosure, gray for surface mounting, IP 54, with 35 mm standard mounting rail, sealable, with transparent flap, for 4.5 MW	5SW1 200		0.500	1
Snap-on terminal for 35 mm standard mounting rail, for conductors up to 16 mm ² solid or conductors up to 10 mm ² stranded Width ½ MW		100 items	100 items	
	5ST2 112		0.840	50
Fixing parts 4 MW (plastic)		1 item	1 item	
	5ST2 201		0.012	20
Inscription labels (white) 15 mm × 9 mm, 3 frames with 44 labels each, any attachment and inscription, self-adhesive		1 set	1 set	
	5ST2 173		0.038	1 (set)
Cover for assembly as mini distribution board, suitable for all N-type devices, cover parts prepared for mounting conventional label caps, consisting of: <ul style="list-style-type: none"> • end plate (for snapping onto mounting rail) • angled profile (length approx. 1 m) • alternatively flat profile (as a cover between the rows of devices, length approx. 1 m) 		1 item	1 item	
	5ST2 134		0.022	10
	5ST2 135		0.330	5
	5ST2 136		0.260	

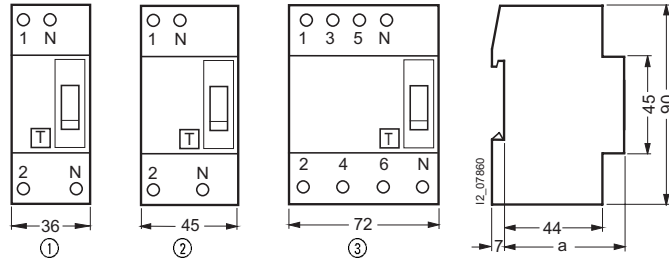
Residual Current Operated Circuit-Breakers (RCCBs)

Planning Aid

Dimensions

5SM1 and 5SM3 residual current operated circuit-breakers

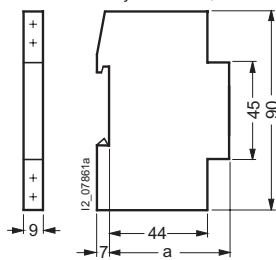
16 A to 80 A
for busbar mounting



- ① 5SM. 111,
5SM. 311, 5SM. 312, 5SM. 314,
5SM. 412, 5SM. 414,
5SM. 612, 5SM. 614
- ② 5SM. 316, 5SM. 317,
5SM. 416, 5SM. 417,
5SM. 616, 5SM. 617
- ③ 5SM. 342, 5SM. 344, 5SM. 346, 5SM. 347,
5SM. 352, 5SM. 354, 5SM. 356,
5SM. 444, 5SM. 446,
5SM. 642, 5SM. 644, 5SM. 646, 5SM. 647,
5SM. 652, 5SM. 654, 5SM. 656,
5SM. 742, 5SM. 744, 5SM. 746,
5SM. 846

Type	A
5SM1	55
5SM3	70

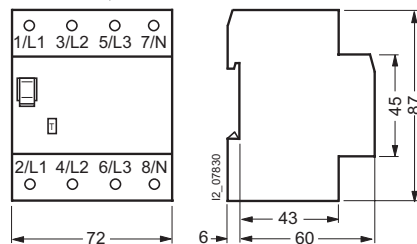
5SW3 Auxiliary switches, can be retrofitted



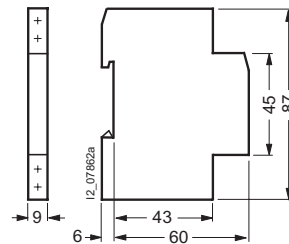
5SM3 residual current operated circuit-breakers

125 A

5SM3 345-6, 5SM3 445-6,
5SM3 645-6, 5SM3 645-8,
5SM3 745-6, 5SM3 745-8



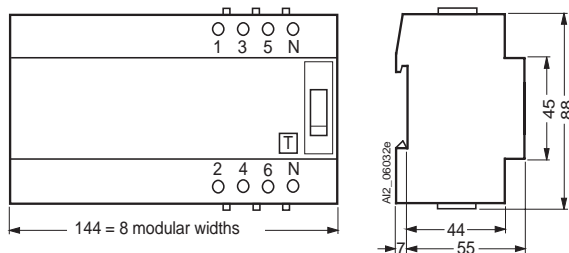
5SW3 330 Auxiliary switches, can be retrofitted



5SZ3 and 5SZ6 N-type residual current operated circuit-breakers

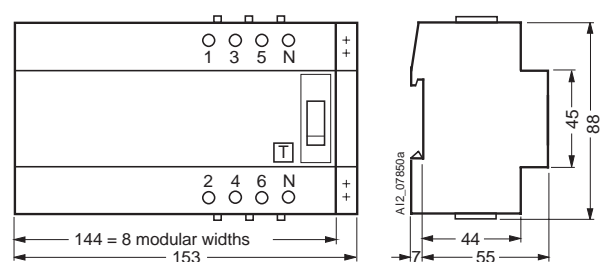
25 A to 63 A AC/DC sensitive

5SZ3 426-0KG..., 5SZ3 446-0KG..., 5SZ3 466-0KG...,
5SZ6 426-0KG..., 5SZ6 446-0KG..., 5SZ6 466-0KG...



63 A, AC/DC sensitive, with auxiliary switch, fixed mounting

5SZ3 466-0KG30, 5SZ3 466-0KG35,
5SZ6 466-0KG30, 5SZ6 466-0KG35, 5SZ6 468-0KG30



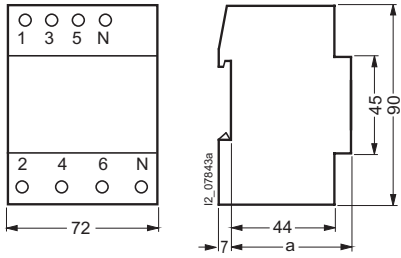
Residual Current Operated Circuit-Breakers (RCCBs)

Planning Aid

Dimensions

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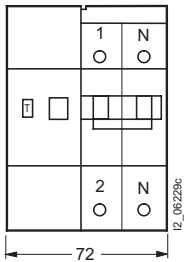
5SM1 930-0 leakage current measurement unit



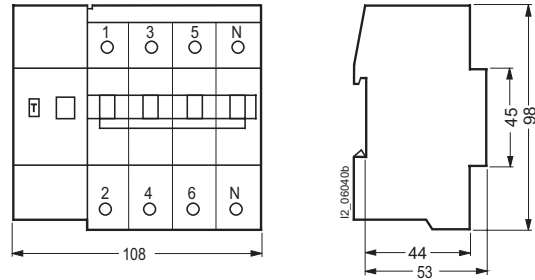
5SU N-type combined devices RCBO

6 A to 32 A

5SU2 566, 5SU2 567,
5SU3 566, 5SU3 567,
5SU6 566, 5SU6 567



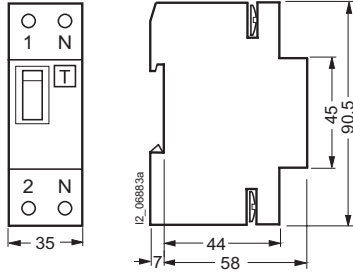
5SU3 666, 5SU3 667,
5SU6 666, 5SU6 667



5SU N-type combined devices RCBO in two modular widths

6 A to 40 A

5SU3 747, 5SU6 747,
5SU3 766,
5SU3 767, 5SU6 767



Residual Current Operated Circuit-Breakers (RCCBs)

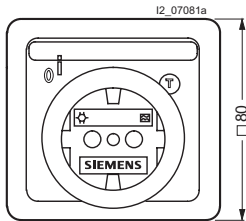
Planning Aid

Dimensions

5SZ9 21 RCCB protected socket outlet

SCHUKO socket outlet DELTA profil

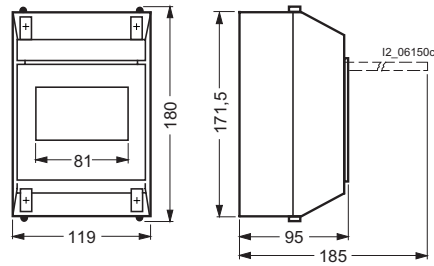
5SZ9 211,
5SZ9 212



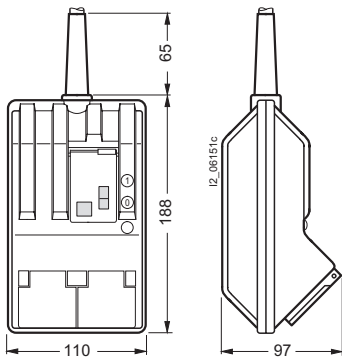
5SZ9 2 RCCB protected socket outlet

Molded-plastic enclosure fitted with N-type residual current operated circuit-breakers and N-type **SCHUKO** socket outlet

5SZ9 206,
5SZ9 216



5SZ9 207 Body Guard protected socket outlet



Residual Current Operated Circuit-Breakers (RCCBs)

Planning Aid

Dimensions

Residual Current Operated Circuit-Breakers (RCCBs)

Planning Aid

Dimensions

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