

SIEMENS



5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

SENTRON

Highlights

- Reliable personnel and investment protection
- Additional components as well as a large range of accessories
- Space-saving installation thanks to compact design
- Busbar-mounting concept as with all compact devices MCBs and RCBOs
- Rated breaking capacity from 4.5 kA to 10 kA

Reliable personnel and investment protection

This combination of residual current circuit breaker and miniature circuit breaker is used for material and fire protection, and for personnel protection against direct and indirect contact. This protects human lives and helps to prevent electrically ignited fires.

Compact design in size 1MW and 2MW

The slim design of the RCBO combination with a size of just 1MW enables more devices to be installed in the distribution board. This saves space and costs.

Easy and safe installation

For more safety and ease-of-use:

The new compact 5SV9 RCBOs with a switching capacity of 6 kA are also suitable for the easy mounting of additional components – such as arc fault detection devices, auxiliary switches and fault signal contacts.

The busbar system enables user-specific mounting arrangements.

Rated breaking capacity from 4.5 kA to 10 kA

With their high rated breaking capacity from 4.5 kA to 10 kA, these devices can be used in a host of applications in industry and infrastructure.

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers

5SV9 / 5SU9 electronic RCBOs

Overview



The electronic residual current operated circuit breakers (RCBOs) are a combination of a residual current circuit breaker (RCCB) and a miniature circuit breaker (MCB) in a compact design for personnel, fire and line protection.

For personnel protection and fire protection, the residual current part of type AC devices trips in the event of sinusoidal AC residual currents, type A devices also trip in the event of pulsating DC residual currents.

RCBOs with a rated residual current of maximum 30 mA are used for material and fire protection, and for personnel protection against direct and indirect contact. RCBOs with a rated residual current of 10 mA are primarily used in areas that represent an increased risk for personnel and in the outdoor installations of residential buildings.

Devices with a rated residual current of maximum 300 mA are used as preventative fire protection in case of insulation faults.

The MCB part of the electronic RCBO protects lines against overload and short circuits.

The special contact materials used guarantee a long service life and offer a high degree of protection against contact welding.

Technical specifications

	5SV9	5SU9	5SU9..KX..
Standards	IEC 61009-1, IEC 61009-2-2		
RCD working principle	Electronic (voltage-dependent)		
Number of poles	1P+N		
Operating frequency f	Hz	50 / 60	
Rated breaking capacity I_{cn}	kA	4.5 / 6	6 / 10
Energy limitation class	3		
Surge current withstand capability type AC / A			
• With current waveform 8/20 μ s	Acc. to EN 60060-2 (VDE 0432-2)	kA	> 1
- Instantaneous		kA	> 3
- Delayed			
Minimum voltage for operation of the test equipment	V	195	93
Insulation coordination			
• Overvoltage category	III		
Rated impulse withstand voltage U_{imp}	kV	4	
Polution degree	2		
Mounting position	any		
Degree of protection	Acc. to EN 60529 (VDE 0470-1)	IP20, when installed in distribution board, with connected conductors	
Touch protection	Acc. to EN 50274 (VDE 0660-514)	Finger and back-of-hand safe	
Service life	Average number of switching cycles	> 10000	
Storage temperature	°C	-40 ... +75	
Ambient temperature	°C	-25 ... +55 (derating above 30°C)	
Resistance to climate	Acc. to IEC 60068-2-30	28 cycles (55 °C; 95 % rel. air humidity)	
RoHS	compliant		

Note:








Plugs, bushings or cables for electrical connection are not included in delivery. These are to be ordered separately, see [accessories](#).

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










Selection and ordering data

 (Type AC)	 (Type A)		Rated residual current	Rated current	Mounting width	SD	Tripping characteristic B		PU (UNIT, SET, M)	PS	PG	SD	Tripping characteristic C		PU (UNIT, SET, M)	PS	PG	
			$I_{\Delta n}$ mA	I_n A	MW	d	Article No. www.siemens.com/ product? Article No.	Price per PU				Article No. www.siemens.com/ product? Article No.	Price per PU					
RCBOs compact with N pigtail, switched N, type AC NEW																		
	1+N; 230/240 V		<div style="border: 1px solid black; padding: 2px; display: inline-block;">6 000</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">30</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">3</div>	6	1		5SV9316-0PK06		1	1 unit	1BB		5SV9316-1PK06		1	1 unit	1BB	
		10			5SV9316-0PK10		1	1 unit	1BB		5SV9316-1PK10		1	1 unit	1BB			
		16			5SV9316-0PK16		1	1 unit	1BB		5SV9316-1PK16		1	1 unit	1BB			
		20			5SV9316-0PK20		1	1 unit	1BB		5SV9316-1PK20		1	1 unit	1BB			
		32			5SV9316-0PK32		1	1 unit	1BB		5SV9316-1PK32		1	1 unit	1BB			
		40			5SV9316-0PK40		1	1 unit	1BB		5SV9316-1PK40		1	1 unit	1BB			
RCBOs compact with N pigtail, switched N, type A NEW																		
	1+N; 230/240 V		<div style="border: 1px solid black; padding: 2px; display: inline-block;">6 000</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">30</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">3</div>	6	1		5SV9316-6PK06		1	1 unit	1BC		5SV9316-7PK06		1	1 unit	1BC	
		10			5SV9316-6PK10		1	1 unit	1BC		5SV9316-7PK10		1	1 unit	1BC			
		16			5SV9316-6PK16		1	1 unit	1BC		5SV9316-7PK16		1	1 unit	1BC			
		20			5SV9316-6PK20		1	1 unit	1BC		5SV9316-7PK20		1	1 unit	1BC			
		25			5SV9316-6PK25		1	1 unit	1BC		--							
		32			5SV9316-6PK32		1	1 unit	1BC		5SV9316-7PK32		1	1 unit	1BC			
		40			5SV9316-6PK40		1	1 unit	1BC		5SV9316-7PK40		1	1 unit	1BC			
RCBOs with N and FE pigtail, switched N, type A																		
	1+N; 230/240 V		<div style="border: 1px solid black; padding: 2px; display: inline-block;">6 000</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">30</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">3</div>	6	2		--						5SU9356-7KP06		1	1 unit	1BC	
		10			--								5SU9356-7KP10		1	1 unit	1BC	
		16			--								5SU9356-7KP16		1	1 unit	1BC	
		20			--								5SU9356-7KP20		1	1 unit	1BC	
		32			--								5SU9356-7KP32		1	1 unit	1BC	
		40			--								5SU9356-7KP40		1	1 unit	1BC	
RCBOs with N and FE pigtail, solid N, type AC																		
	1+N; 230/240 V		<div style="border: 1px solid black; padding: 2px; display: inline-block;">6 000</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">10</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;">3</div>	10	1		--						5SU9106-1KK10		1	1 unit	1BB	
		16			--								5SU9106-1KK16		1	1 unit	1BB	
		20			--								5SU9106-1KK20		1	1 unit	1BB	
		32			--								5SU9106-1KK32		1	1 unit	1BB	
		40			--								5SU9106-1KK40		1	1 unit	1BB	
		45			--								5SU9106-1KK45		1	1 unit	1BB	
		30		6	1		5SU9306-0KK06		1	1 unit	1BB		5SU9306-1KK06		1	1 unit	1BB	
				10			5SU9306-0KK10		1	1 unit	1BB		5SU9306-1KK10		1	1 unit	1BB	
				16			5SU9306-0KK16		1	1 unit	1BB		5SU9306-1KK16		1	1 unit	1BB	
			20			5SU9306-0KK20		1	1 unit	1BB		5SU9306-1KK20		1	1 unit	1BB		
			25			5SU9306-0KK25		1	1 unit	1BB		5SU9306-1KK25		1	1 unit	1BB		
			32			5SU9306-0KK32		1	1 unit	1BB		5SU9306-1KK32		1	1 unit	1BB		
			40			5SU9306-0KK40		1	1 unit	1BB		5SU9306-1KK40		1	1 unit	1BB		
			45			--						5SU9306-1KK45		1	1 unit	1BB		
		100	6	1		--							5SU9406-1KK06		1	1 unit	1BB	
			10			5SU9406-0KK10		1	1 unit	1BB		5SU9406-1KK10		1	1 unit	1BB		
			16			5SU9406-0KK16		1	1 unit	1BB		5SU9406-1KK16		1	1 unit	1BB		
			20			5SU9406-0KK20		1	1 unit	1BB		5SU9406-1KK20		1	1 unit	1BB		
		25			5SU9406-0KK25		1	1 unit	1BB		5SU9406-1KK25		1	1 unit	1BB			
		32			5SU9406-0KK32		1	1 unit	1BB		5SU9406-1KK32		1	1 unit	1BB			
		40			5SU9406-0KK40		1	1 unit	1BB		5SU9406-1KK40		1	1 unit	1BB			

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers










5SV9 / 5SU9 electronic RCBOs

 (Type AC)	 (Type A)		Rated residual current	Rated current	Mounting width	SD	Tripping characteristic B		PU (UNIT, SET, M)	PS	PG	SD	Tripping characteristic C		PU (UNIT, SET, M)	PS	PG	
			$I_{\Delta n}$ mA	I_n A			Article No. www.siemens.com/product? Article No.	Price per PU					Article No. www.siemens.com/product? Article No.	Price per PU				
RCBOs with N and FE pigtail, solid N, type AC																		
	1+N; 230/240 V																	
		10	10	1	--									5SU9104-1KK10	1	1 unit	1BB	
			16		--									5SU9104-1KK16	1	1 unit	1BB	
			20		--									5SU9104-1KK20	1	1 unit	1BB	
			25		--									5SU9104-1KK25	1	1 unit	1BB	
			32		--									5SU9104-1KK32	1	1 unit	1BB	
			40		--									5SU9104-1KK40	1	1 unit	1BB	
			45		--									5SU9104-1KK45	1	1 unit	1BB	
		30	6	1		5SU9304-0KK06			1	1 unit	1BB			5SU9304-1KK06	1	1 unit	1BB	
			10			5SU9304-0KK10			1	1 unit	1BB			5SU9304-1KK10	1	1 unit	1BB	
			16			5SU9304-0KK16			1	1 unit	1BB			5SU9304-1KK16	1	1 unit	1BB	
			20			5SU9304-0KK20			1	1 unit	1BB			5SU9304-1KK20	1	1 unit	1BB	
			25			5SU9304-0KK25			1	1 unit	1BB			5SU9304-1KK25	1	1 unit	1BB	
			32			5SU9304-0KK32			1	1 unit	1BB			5SU9304-1KK32	1	1 unit	1BB	
			40			5SU9304-0KK40			1	1 unit	1BB			5SU9304-1KK40	1	1 unit	1BB	
			45			--								5SU9304-1KK45	1	1 unit	1BB	
		100	6	1		--								5SU9404-1KK06	1	1 unit	1BB	
			10			5SU9404-0KK10			1	1 unit	1BB			5SU9404-1KK10	1	1 unit	1BB	
			16			5SU9404-0KK16			1	1 unit	1BB			5SU9404-1KK16	1	1 unit	1BB	
			20			5SU9404-0KK20			1	1 unit	1BB			5SU9404-1KK20	1	1 unit	1BB	
			25			5SU9404-0KK25			1	1 unit	1BB			5SU9404-1KK25	1	1 unit	1BB	
			32			5SU9404-0KK32			1	1 unit	1BB			5SU9404-1KK32	1	1 unit	1BB	
			40			5SU9404-0KK40			1	1 unit	1BB			5SU9404-1KK40	1	1 unit	1BB	
		300	6	1		--								5SU9604-1KK06	1	1 unit	1BB	
		10			--								5SU9604-1KK10	1	1 unit	1BB		
		16			--								5SU9604-1KK16	1	1 unit	1BB		
		20			--								5SU9604-1KK20	1	1 unit	1BB		
		25			--								5SU9604-1KK25	1	1 unit	1BB		
		32			--								5SU9604-1KK32	1	1 unit	1BB		
		40			--								5SU9604-1KK40	1	1 unit	1BB		
RCBOs with N and FE pigtail, solid N, type A																		
	1+N; 230/240 V																	
		30	6	1	--									5SU9304-7KK06	1	1 unit	1BC	
			10		--									5SU9304-7KK10	1	1 unit	1BC	
			16		--									5SU9304-7KK16	1	1 unit	1BC	
			20		--									5SU9304-7KK20	1	1 unit	1BC	
			25		--									5SU9304-7KK25	1	1 unit	1BC	
			32		--									5SU9304-7KK32	1	1 unit	1BC	
			40		--									5SU9304-7KK40	1	1 unit	1BC	
	1+N; 110/120 V																	
		30	6	1	--										5SU9304-7KX06	1	1 unit	1BC
			10		--										5SU9304-7KX10	1	1 unit	1BC
			16		--										5SU9304-7KX16	1	1 unit	1BC
			20		--										5SU9304-7KX20	1	1 unit	1BC
			25		--										5SU9304-7KX25	1	1 unit	1BC
			32		--										5SU9304-7KX32	1	1 unit	1BC
		40		--										5SU9304-7KX40	1	1 unit	1BC	

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers







5SV9 / 5SU9 electronic RCBOs

 (Type AC)	 (Type A)		Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Mounting width MW	SD d	Tripping characteristic B		PU (UNIT, SET, M)	PS	PG	SD	Tripping characteristic C		PU (UNIT, SET, M)	PS	PG				
							Article No. www.siemens.com/product? Article No.	Price per PU					Article No. www.siemens.com/product? Article No.	Price per PU							
RCBOs compact, switched N, type AC NEW																					
	1+N; 230/240 V		30	6	1	--	--														
	6 000			10														5SV9316-1NK06	1	1 unit	1BB
	3			16														5SV9316-1NK10	1	1 unit	1BB
				20														5SV9316-1NK16	1	1 unit	1BB
				25														5SV9316-1NK20	1	1 unit	1BB
				32														5SV9316-1NK25	1	1 unit	1BB
																		5SV9316-1NK32	1	1 unit	1BB
RCBOs compact, switched N, type A NEW																					
	1+N; 230/240 V		30	6	1	--	--														
	4 500			10														5SV9313-7NK06	1	1 unit	1BC
	3			16														5SV9313-7NK10	1	1 unit	1BC
				20														5SV9313-7NK16	1	1 unit	1BC
				25														5SV9313-7NK20	1	1 unit	1BC
				32														5SV9313-7NK25	1	1 unit	1BC
																		5SV9313-7NK32	1	1 unit	1BC
	1+N; 230/240 V		30	6	1	--	--														
	6 000			10														5SV9316-7NK06	1	1 unit	1BC
	3			16														5SV9316-7NK10	1	1 unit	1BC
				20														5SV9316-7NK16	1	1 unit	1BC
				25														5SV9316-7NK20	1	1 unit	1BC
				32														5SV9316-7NK25	1	1 unit	1BC
																		5SV9316-7NK32	1	1 unit	1BC
RCBOs, switched N, type AC																					
	1+N; 230/240 V		30	6	2	--	--														
	6 000			10														5SU9356-1KK06	1	1 unit	1BB
	3			16														5SU9356-1KK10	1	1 unit	1BB
				20														5SU9356-1KK16	1	1 unit	1BB
				25														5SU9356-1KK20	1	1 unit	1BB
				32														5SU9356-1KK25	1	1 unit	1BB
				40														5SU9356-1KK32	1	1 unit	1BB
				50														5SU9356-1KK40	1	1 unit	1BB
				63														5SU9356-1KK50	1	1 unit	1BB
																		5SU9356-1KK63	1	1 unit	1BB
	1+N; 110/120 V		30	6	2	--	--														
	6 000			10														5SU9356-1KX06	1	1 unit	1BB
RCBOs with overvoltage self-protection, switched N, type AC																					
	1+N; 230/240 V		30	6	2	--	--														
	6 000			10														5SU9356-1KN06	1	1 unit	1BB
	3			16														5SU9356-1KN10	1	1 unit	1BB
				20														5SU9356-1KN16	1	1 unit	1BB
				25														5SU9356-1KN20	1	1 unit	1BB
				32														5SU9356-1KN25	1	1 unit	1BB
				40														5SU9356-1KN32	1	1 unit	1BB
				50														5SU9356-1KN40	1	1 unit	1BB
				63														5SU9356-1KN50	1	1 unit	1BB
																		5SU9356-1KN63	1	1 unit	1BB

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



5SV9 / 5SU9 electronic RCBOs

 (Type AC)	 (Type A)		Rated residual current	Rated current	Mounting width	SD	Tripping characteristic B		PU (UNIT, SET, M)	PS	PG	SD	Tripping characteristic C		PU (UNIT, SET, M)	PS	PG	
			$I_{\Delta n}$ mA	I_n A	MW	d	Article No. www.siemens.com/product? Article No.	Price per PU					Article No. www.siemens.com/product? Article No.	Price per PU				
RCBOs, switched N, type A																		
	1+N; 230/240 V		6 000 3	10	6	2	--							5SU9156-7KK06	1	1 unit	1BC	
				10	10		--								5SU9156-7KK10	1	1 unit	1BC
				16	16		--								5SU9156-7KK16	1	1 unit	1BC
				20	20		--								5SU9156-7KK20	1	1 unit	1BC
				25	25		--								5SU9156-7KK25	1	1 unit	1BC
				32	32		--								5SU9156-7KK32	1	1 unit	1BC
				40	40		--								5SU9156-7KK40	1	1 unit	1BC
				50	50		--								5SU9156-7KK50	1	1 unit	1BC
				63	63		--								5SU9156-7KK63	1	1 unit	1BC
		30		6	6	2	--								5SU9356-7KK06	1	1 unit	1BC
				10	10		--								5SU9356-7KK10	1	1 unit	1BC
				16	16		--								5SU9356-7KK16	1	1 unit	1BC
				20	20		--								5SU9356-7KK20	1	1 unit	1BC
				25	25		--								5SU9356-7KK25	1	1 unit	1BC
		32	32		--								5SU9356-7KK32	1	1 unit	1BC		
		40	40		--								5SU9356-7KK40	1	1 unit	1BC		
		50	50		--								5SU9356-7KK50	1	1 unit	1BC		
		63	63		--								5SU9356-7KK63	1	1 unit	1BC		
RCBOs with overvoltage self-protection, switched N, type A																		
	1+N; 230/240 V		6 000 3	30	6	2	--							5SU9356-7KN06	1	1 unit	1BC	
				10	10		--							5SU9356-7KN10	1	1 unit	1BC	
				16	16		--							5SU9356-7KN16	1	1 unit	1BC	
				20	20		--							5SU9356-7KN20	1	1 unit	1BC	
				25	25		--							5SU9356-7KN25	1	1 unit	1BC	
				32	32		--							5SU9356-7KN32	1	1 unit	1BC	
				40	40		--							5SU9356-7KN40	1	1 unit	1BC	
				50	50		--							5SU9356-7KN50	1	1 unit	1BC	
				63	63		--							5SU9356-7KN63	1	1 unit	1BC	
	RCBOs, switched N, short-time delayed [K], type A																	
	1+N; 230/240 V		6 000 3	10	6	2	--							5SU9156-7VK06	1	1 unit	1BC	
				10	10		--							5SU9156-7VK10	1	1 unit	1BC	
				16	16		--							5SU9156-7VK16	1	1 unit	1BC	
				20	20		--							5SU9156-7VK20	1	1 unit	1BC	
				25	25		--							5SU9156-7VK25	1	1 unit	1BC	
				32	32		--							5SU9156-7VK32	1	1 unit	1BC	
				40	40		--							5SU9156-7VK40	1	1 unit	1BC	
				50	50		--							5SU9156-7VK50	1	1 unit	1BC	
				63	63		--							5SU9156-7VK63	1	1 unit	1BC	

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers

5SV9 / 5SU9 electronic RCBOs


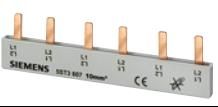

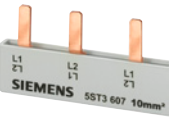
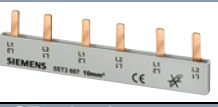

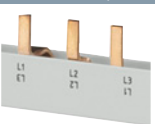
 (Type AC)	 (Type A)		Rated residual current	Rated current	Mounting width	SD	Tripping characteristic C	PU	PS	PG	SD	Tripping characteristic D	PU	PS	PG
			$I_{\Delta n}$ mA	I_n A	MW	d	Article No. www.siemens.com/ product? Article No.	Price per PU	(UNIT, SET, M)	Article No. www.siemens.com/ product? Article No.	Price per PU	(UNIT, SET, M)	d	Article No. www.siemens.com/ product? Article No.	Price per PU
RCBOs, switched N, type A															
	1+N; 230/240 V		10 000 3	30	6	2	5SU9354-7KK06	1	1 unit	1BC		5SU9354-8KK06	1	1 unit	1BC
		10		5SU9354-7KK10	1		1 unit	1BC	5SU9354-8KK10	1	1 unit	1BC			
		16		5SU9354-7KK16	1		1 unit	1BC	5SU9354-8KK16	1	1 unit	1BC			
		20		5SU9354-7KK20	1		1 unit	1BC	5SU9354-8KK20	1	1 unit	1BC			
		25		5SU9354-7KK25	1		1 unit	1BC	5SU9354-8KK25	1	1 unit	1BC			
		32		5SU9354-7KK32	1		1 unit	1BC	5SU9354-8KK32	1	1 unit	1BC			
		40		5SU9354-7KK40	1		1 unit	1BC	5SU9354-8KK40	1	1 unit	1BC			
		50		5SU9354-7KK50	1		1 unit	1BC	5SU9354-8KK50	1	1 unit	1BC			
		63		5SU9354-7KK63	1		1 unit	1BC	5SU9354-8KK63	1	1 unit	1BC			
	1+N; 230/240 V			10 000 3	300		10	2	5SU9654-7KK10	1	1 unit	1BC	--		--
	16	5SU9654-7KK16	1		1 unit	1BC	--								
	20	5SU9654-7KK20	1		1 unit	1BC	--								
	32	5SU9654-7KK32	1		1 unit	1BC	--								

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers

Accessories

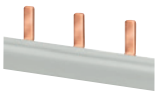
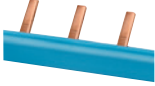
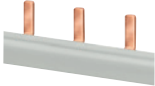




Accessories

	Pin spacing	Length	SD	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	MW	mm	d					
5unit36 busbar systems, 10 mm², for MCBs or RCBOs, fixed lengths, cannot be cut, fully insulated								
	Single-phase							
	For 2 MCBs 1P or RCBOs 5SU9.0-..... 1+N	1	33	5ST3600		1	10 units	1AD
	For 6 MCBs 1P or RCBOs 5SU9.0-..... 1+N		105	5ST3601		1	10 units	1AD
	For 12 MCBs 1P or RCBOs 5SU9.0-..... 1+N		210	5ST3602		1	10 units	1AD
	Four-phase							
	For 6 MCBs 1P+N or RCBOs 5SU9.5-..... 1+N	1	215	5ST3623		1	10 units	1AD
5ST36 busbars, 16 mm², for MCBs or RCBOs, fixed lengths, cannot be cut, fully insulated								
	Single-phase							
	For 2 MCBs 1P or RCBOs 5SU9.0-..... 1+N	1	33	5ST3630		1	10 units	1AD
	For 6 MCBs 1P or RCBOs 5SU9.0-..... 1+N		105	5ST3631		1	10 units	1AD
	For 12 MCBs 1P or RCBOs 5SU9.0-..... 1+N		210	5ST3632		1	10 units	1AD
	Four-phase							
	For 6 MCBs 1P+N or RCBOs 5SU9.5-..... 1+N	1	215	5ST3653		1	10 units	1AD
5ST36 busbar systems, 10 mm², for MCBs or 5SU9 RCBOs in 2MW, fixed lengths, cannot be cut, fully insulated								
	Three-phase							
	For 6 MCBs or RCBOs 1+N (2MW)	1	102	5ST3613		1	10 units	1AD
	For 9 MCBs or RCBOs 1+N (2MW)		257.5	5ST3614		1	10 units	1AD
	For 12 MCBs or RCBOs 1+N (2MW)		210	5ST3615		1	10 units	1AD
5ST37 busbar system, 10 mm², 12 MW for MCBs or RCBOs, can be cut, with end caps								
	Single-phase, angled							
	For 12 MCBs 1P or RCBOs 5SU9.0-..... 1+N	1	214	5ST3730		1	1 unit	1AD
5ST37 busbar system, 16 mm², 12 MW for MCBs or RCBOs, can be cut, with end caps								
	Single-phase, angled							
	For 12 MCBs 1P or RCBOs 5SU9.0-..... 1+N	1	214	5ST3700		1	1 unit	1AD

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers






Accessories

	Pin spacing	Length	SD	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	MW	mm	d					
5ST37 busbar system, 10 mm², for compact MCBs or 5SV9 RCBOs 1+N in 1MW of the compact range, can be cut, with end caps								
	Single-phase, 12 MW For 12 compact MCBs or RCBOs 1+N, gray		1	216	5ST3762	1	10 units	1AD
	For 12 compact MCBs or RCBOs 1+N, blue			216	5ST3763	1	10 units	1AD
	Single-phase For compact MCBs or RCBOs 1+N, gray		1	1016	5ST3764	1	10 units	1AD
	For compact MCBs or RCBOs 1+N, blue			1016	5ST3765	1	10 units	1AD
	End caps for 5ST376 busbars 1 set comprises a right and a left cap Gray				5ST3766	1	10 sets	1AD
	Blue				5ST3767	1	10 sets	1AD
	Terminals for 5ST376 Side terminal version For conductors up to 25 mm ²				5ST3768	1	25 units	1AD
	Handle locking system Handle locking device For padlocks with 3 ... 6 mm shackle Handle locking device for 5SU9, 5SY, 5SP, 5TE8				5ST3801	1	1 unit	1AD
	Sealable to prevent undesired mechanical ON/OFF switching For padlock with 3 ... 6 mm shackle Handle locking device for 5SV, 5SL, 5TL1				5ST3806	1	5 units	1AD
		Padlock For 5ST3801 and 5ST3806 handle locking device				5ST3802	1	1 unit
								

5SV9 and 5SU9 Residual Current Operated Circuit Breakers (RCBOs)

Electronic residual current operated circuit breakers

Accessories

	Rated current I_n	Mounting width	SD	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS	PG
	A	MW	d					
AFD unit								
	For 5SY60 MCBs and 5SV9 RCBOs (6 kA) in 1 MW 2-pole; 230 V AC; 50 Hz	Up to 40	1	5SM6014-2		1	1 unit	1BA
		Up to 16		5SM6011-2		1	1 unit	1BA
Note								
not suitable for 5SU9								
Additional components								
	Auxiliary switches (AS)							
	For 5SL, 5SY, 5SP miniature circuit breakers, 5SV9 (6 kA), 5SU1 RCBOs, for 5SV RCCBs, 5TE8, 5TL1 switches							
	1 NO + 1 NC For low power	0.5	▶	5ST3010 5ST3013		1	1 unit	1AD
	2 NO For low power		▶	5ST3011 5ST3014		1	1 unit	1AD
	2 NC For low power			5ST3012 5ST3015		1	1 unit	1AD
Note								
not suitable for 5SU9								
	Auxiliary switches (AS) with TEST button							
	For 5SL, 5SY, 5SP miniature circuit breakers, 5SV9 (6 kA), 5SU1 RCBOs, for 5SV RCCBs, 5TE8, 5TL1 switches							
	1 NO + 1 NC For low power	0.5		5ST3010-2 5ST3013-2		1	1 unit	1AD
	2 NO For low power			5ST3011-2 5ST3014-2		1	1 unit	1AD
	2 NC For low power			5ST3012-2 5ST3015-2		1	1 unit	1AD
Note								
not suitable for 5SU9								
	Fault signal contacts (FC)							
	For 5SL, 5SY, 5SP miniature circuit breakers, 5SV9 (6 kA), 5SU1 RCBOs, 5SV RCCBs							
	1 NO + 1 NC	0.5	▶	5ST3020 5ST3021 5ST3022		1	1 unit	1AD
	2 NO					1	1 unit	1AD
	2 NC					1	1 unit	1AD
Note								
not suitable for 5SU9								
	Fault signal contacts (FC) with TEST and ACKNOWLEDGE button							
	For 5SL, 5SY, 5SP miniature circuit breakers, 5SV9 (6 kA), 5SU1 RCBOs, 5SV RCCBs							
	1 NO + 1 NC	0.5	▶	5ST3020-2 5ST3021-2 5ST3022-2		1	1 unit	1AD
	2 NO					1	1 unit	1AD
	2 NC					1	1 unit	1AD
Note								
not suitable for 5SU9								

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