



10 000
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Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

5SY4 miniature circuit-breakers
10 kA, AC model

2




Features

- U_n : 230/400 V, 50-60 Hz applicable in networks up to 250/440 V AC, 60 V DC per pole
- Standards: EN 60 898, DIN VDE 0641 Part 11, IEC 60 898
- 70 mm device mounting depth
- Additional components can be retrofitted.

Application

- Characteristic A:
- For limited semiconductor protection
 - Protection of measuring circuits with transformers
 - Protection of circuits with long cable lengths which will require tripping within 0.4 s according to DIN VDE 0100 Part 410.

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit	
	A			1 item	kg	Items	
Characteristic A							
	1-pole						
		1		5SY4 101-5		0.147	12
		1.6		5SY4 115-5			
		2		5SY4 102-5			
		3		5SY4 103-5			
		4		5SY4 104-5			
		6		5SY4 106-5			
		8		5SY4 108-5			
		10		5SY4 110-5			
		13		5SY4 113-5			
		16		5SY4 116-5			
		20		5SY4 120-5			
		25		5SY4 125-5			
	32		5SY4 132-5				
	40		5SY4 140-5				
	50		5SY4 150-5				
	63		5SY4 163-5				
	1-pole + N						
		1		5SY4 501-5		0.304	6
		1.6		5SY4 515-5			
		2		5SY4 502-5			
		3		5SY4 503-5			
		4		5SY4 504-5			
		6		5SY4 506-5			
		8		5SY4 508-5			
		10		5SY4 510-5			
		13		5SY4 513-5			
		16		5SY4 516-5			
		20		5SY4 520-5			
		25		5SY4 525-5			
	32		5SY4 532-5				
	40		5SY4 540-5				
	50		5SY4 550-5				
	63		5SY4 563-5				
	2-pole						
		1		5SY4 201-5		0.304	6
		1.6		5SY4 215-5			
		2		5SY4 202-5			
		3		5SY4 203-5			
		4		5SY4 204-5			
		6		5SY4 206-5			
		8		5SY4 208-5			
		10		5SY4 210-5			
		13		5SY4 213-5			
		16		5SY4 216-5			
		20		5SY4 220-5			
		25		5SY4 225-5			
	32		5SY4 232-5				
	40		5SY4 240-5				
	50		5SY4 250-5				
	63		5SY4 263-5				

For additional components see pages 2/60 and 2/61.
For accessories see pages 2/55 and 2/60
For dimension drawings see page 2/64.







Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

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**5SY4 miniature circuit-breakers
10 kA, AC model**

Selection and ordering data

		I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
Characteristic A		A			1 item	kg	Items
	3-pole 	1		5SY4 301-5		0.456	4
		1.6		5SY4 315-5			
		2		5SY4 302-5			
		3		5SY4 303-5			
		4		5SY4 304-5			
		6		5SY4 306-5			
		8		5SY4 308-5			
		10		5SY4 310-5			
		13		5SY4 313-5			
		16		5SY4 316-5			
		20		5SY4 320-5			
		25		5SY4 325-5			
		32		5SY4 332-5			
		40		5SY4 340-5			
		50		5SY4 350-5			
63		5SY4 363-5					
	3-pole + N 	1		5SY4 601-5		0.608	3
		1.6		5SY4 615-5			
		2		5SY4 602-5			
		3		5SY4 603-5			
		4		5SY4 604-5			
		6		5SY4 606-5			
		8		5SY4 608-5			
		10		5SY4 610-5			
		13		5SY4 613-5			
		16		5SY4 616-5			
		20		5SY4 620-5			
		25		5SY4 625-5			
		32		5SY4 632-5			
		40		5SY4 640-5			
		50		5SY4 650-5			
63		5SY4 663-5					
	4-pole 	1		5SY4 401-5		0.608	3
		1.6		5SY4 415-5			
		2		5SY4 402-5			
		3		5SY4 403-5			
		4		5SY4 404-5			
		6		5SY4 406-5			
		8		5SY4 408-5			
		10		5SY4 410-5			
		13		5SY4 413-5			
		16		5SY4 416-5			
		20		5SY4 420-5			
		25		5SY4 425-5			
		32		5SY4 432-5			
		40		5SY4 440-5			
		50		5SY4 450-5			
63		5SY4 463-5					

For additional components see pages 2/60 and 2/61.
 For accessories see pages 2/55 and 2/60.
 For dimension drawings and terminal connections see page 2/64.

Footnote referring to page 2/45:

- Also suitable for 21 kW active power for 3-phase 400 V (e. g. continuous-flow water heater with short time operation) or 7 kW active power with 230 V AC (e. g. storage heater in non-continuous operation). For continuous load conditions, we recommend to use miniature circuit-breakers with characteristic B and C and $I_n = 40$ A.



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Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

5SY4 miniature circuit-breakers
10 kA, AC model




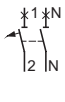



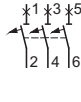

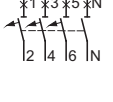

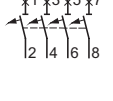
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Application

Characteristic B:
Cable and line protection mainly
in residential building install-

ations, no proof concerning per-
sonnel protection required.

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
Characteristic B	A			1 item	kg	Items
 <p>1-pole</p> 	6	1	5SY4 106-6		0.147	12
	10		5SY4 110-6			
	13		5SY4 113-6			
	16		5SY4 116-6			
	20		5SY4 120-6			
	25		5SY4 125-6			
	32 ¹⁾		5SY4 132-6			
	40		5SY4 140-6			
	50		5SY4 150-6			
	63		5SY4 163-6			
 <p>1-pole + N</p> 	6	2	5SY4 506-6		0.304	6
	10		5SY4 510-6			
	13		5SY4 513-6			
	16		5SY4 516-6			
	20		5SY4 520-6			
	25		5SY4 525-6			
	32		5SY4 532-6			
	40		5SY4 540-6			
	50		5SY4 550-6			
	63		5SY4 563-6			
 <p>2-pole</p> 	6	2	5SY4 206-6		0.304	6
	10		5SY4 210-6			
	13		5SY4 213-6			
	16		5SY4 216-6			
	20		5SY4 220-6			
	25		5SY4 225-6			
	32		5SY4 232-6			
	40		5SY4 240-6			
	50		5SY4 250-6			
	63		5SY4 263-6			
 <p>3-pole</p> 	6	3	5SY4 306-6		0.456	4
	10		5SY4 310-6			
	13		5SY4 313-6			
	16		5SY4 316-6			
	20		5SY4 320-6			
	25		5SY4 325-6			
	32		5SY4 332-6			
	40		5SY4 340-6			
	50		5SY4 350-6			
	63		5SY4 363-6			
 <p>3-pole + N</p> 	6	4	5SY4 606-6		0.608	3
	10		5SY4 610-6			
	13		5SY4 613-6			
	16		5SY4 616-6			
	20		5SY4 620-6			
	25		5SY4 625-6			
	32		5SY4 632-6			
	40		5SY4 640-6			
	50		5SY4 650-6			
	63		5SY4 663-6			
 <p>4-pole</p> 	6	4	5SY4 406-6		0.608	3
	10		5SY4 410-6			
	13		5SY4 413-6			
	16		5SY4 416-6			
	20		5SY4 420-6			
	25		5SY4 425-6			
	32		5SY4 432-6			
	40		5SY4 440-6			
	50		5SY4 450-6			
	63		5SY4 463-6			

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range



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


5SY4 miniature circuit-breakers 10 kA, AC model

Application

Characteristic C: inrush currents (lamps, motors etc.).
Cable and line protection, especially advantageous with high

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
Characteristic C	A			1 item	kg	Items
 <p>1-pole</p> 	0.3	1	5SY4 114-7		0.147	12
	0.5		5SY4 105-7			
	1		5SY4 101-7			
	1.6		5SY4 115-7			
	2		5SY4 102-7			
	3		5SY4 103-7			
	4		5SY4 104-7			
	6		5SY4 106-7			
	8		5SY4 108-7			
	10		5SY4 110-7			
	13		5SY4 113-7			
	16		5SY4 116-7			
	20		5SY4 120-7			
	25		5SY4 125-7			
	32 ¹⁾		5SY4 132-7			
40	5SY4 140-7					
50	5SY4 150-7					
63	5SY4 163-7					
 <p>1-pole + N</p> 	0.3	2	5SY4 514-7		0.304	6
	0.5		5SY4 505-7			
	1		5SY4 501-7			
	1.6		5SY4 515-7			
	2		5SY4 502-7			
	3		5SY4 503-7			
	4		5SY4 504-7			
	6		5SY4 506-7			
	8		5SY4 508-7			
	10		5SY4 510-7			
	13		5SY4 513-7			
	16		5SY4 516-7			
	20		5SY4 520-7			
	25		5SY4 525-7			
	32		5SY4 532-7			
40	5SY4 540-7					
50	5SY4 550-7					
63	5SY4 563-7					
 <p>2-pole</p> 	0.3	2	5SY4 214-7		0.304	6
	0.5		5SY4 205-7			
	1		5SY4 201-7			
	1.6		5SY4 215-7			
	2		5SY4 202-7			
	3		5SY4 203-7			
	4		5SY4 204-7			
	6		5SY4 206-7			
	8		5SY4 208-7			
	10		5SY4 210-7			
	13		5SY4 213-7			
	16		5SY4 216-7			
	20		5SY4 220-7			
	25		5SY4 225-7			
	32		5SY4 232-7			
40	5SY4 240-7					
50	5SY4 250-7					
63	5SY4 263-7					

For additional components see pages 2/60 and 2/61.
For accessories see pages 2/55 and 2/60.
For dimension drawings see page 2/64.

1) Also suitable for 21 kW active power for 3-phase 400 V (e. g. continuous-flow water heater with short time operation) or 7 kW active power with 230 V AC (e. g. storage heater in non-continuous operation). For continuous load conditions, we recommend to use miniature circuit-breakers with characteristic B and C and $I_n = 40$ A.









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Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

5SY4 miniature circuit-breakers
10 kA, AC model

2

Selection and ordering data

		I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
		A			1 item	kg	Items
Characteristic C							
	3-pole 	0.3	3	5SY4 314-7		0.456	4
		0.5		5SY4 305-7			
		1		5SY4 301-7			
		1.6		5SY4 315-7			
		2		5SY4 302-7			
		3		5SY4 303-7			
		4		5SY4 304-7			
		6		5SY4 306-7			
		8		5SY4 308-7			
		10		5SY4 310-7			
		13		5SY4 313-7			
		16		5SY4 316-7			
		20		5SY4 320-7			
		25		5SY4 325-7			
32 ¹⁾	5SY4 332-7						
40	5SY4 340-7						
50	5SY4 350-7						
63	5SY4 363-7						
	3-pole + N 	0.3	4	5SY4 614-7		0.608	3
		0.5		5SY4 605-7			
		1		5SY4 601-7			
		1.6		5SY4 615-7			
		2		5SY4 602-7			
		3		5SY4 603-7			
		4		5SY4 604-7			
		6		5SY4 606-7			
		8		5SY4 608-7			
		10		5SY4 610-7			
		13		5SY4 613-7			
		16		5SY4 616-7			
		20		5SY4 620-7			
		25		5SY4 625-7			
32	5SY4 632-7						
40	5SY4 640-7						
50	5SY4 650-7						
63	5SY4 663-7						
	4-pole 	0.3	4	5SY4 414-7		0.608	3
		0.5		5SY4 405-7			
		1		5SY4 401-7			
		1.6		5SY4 415-7			
		2		5SY4 402-7			
		3		5SY4 403-7			
		4		5SY4 404-7			
		6		5SY4 406-7			
		8		5SY4 408-7			
		10		5SY4 410-7			
		13		5SY4 413-7			
		16		5SY4 416-7			
		20		5SY4 420-7			
		25		5SY4 425-7			
32	5SY4 432-7						
40	5SY4 440-7						
50	5SY4 450-7						
63	5SY4 463-7						

For additional components see pages 2/60 and 2/61.
 For accessories see pages 2/55 and 2/60.
 For dimension drawings and terminal connections see page 2/64.

1) Also suitable for 21 kW active power for 3-phase 400 V (e. g. continuous-flow water heater with short time operation) or 7 kW active power with 230 V AC (e. g. storage heater in non-continuous operation). For continuous load conditions, we recommend to use miniature circuit-breakers with characteristic B and C and $I_n = 40$ A.

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range



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








5SY4 miniature circuit-breakers 10 kA, AC model

Application

Characteristic D:
The tripping range has been matched to applications involving equipment generating significant pulses (transformers, solenoid valves).

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit	
	A			1 item	kg	Items	
Characteristic D							
	1-pole						
			0.3	1	5SY4 114-8	0.147	12
			0.5		5SY4 105-8		
			1		5SY4 101-8		
			1.6		5SY4 115-8		
			2		5SY4 102-8		
			3		5SY4 103-8		
			4		5SY4 104-8		
			6		5SY4 106-8		
			8		5SY4 108-8		
			10		5SY4 110-8		
			13		5SY4 113-8		
			16		5SY4 116-8		
20				5SY4 120-8			
25		5SY4 125-8					
32		5SY4 132-8					
40		5SY4 140-8					
50		5SY4 150-8					
63		5SY4 163-8					
	1-pole + N						
			0.3	2	5SY4 514-8	0.304	6
			0.5		5SY4 505-8		
			1		5SY4 501-8		
			1.6		5SY4 515-8		
			2		5SY4 502-8		
			3		5SY4 503-8		
			4		5SY4 504-8		
			6		5SY4 506-8		
			8		5SY4 508-8		
			10		5SY4 510-8		
			13		5SY4 513-8		
			16		5SY4 516-8		
20				5SY4 520-8			
25		5SY4 525-8					
32		5SY4 532-8					
40		5SY4 540-8					
50		5SY4 550-8					
63		5SY4 563-8					
	2-pole						
			0.3	2	5SY4 214-8	0.304	6
			0.5		5SY4 205-8		
			1		5SY4 201-8		
			1.6		5SY4 215-8		
			2		5SY4 202-8		
			3		5SY4 203-8		
			4		5SY4 204-8		
			6		5SY4 206-8		
			8		5SY4 208-8		
			10		5SY4 210-8		
			13		5SY4 213-8		
			16		5SY4 216-8		
20				5SY4 220-8			
25		5SY4 225-8					
32		5SY4 232-8					
40		5SY4 240-8					
50		5SY4 250-8					
63		5SY4 263-8					

For additional components see pages 2/60 and 2/61.
For accessories see pages 2/55 and 2/60.
For dimension drawings see page 2/64.






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Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

5SY4 miniature circuit-breakers
10 kA, AC model

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Selection and ordering data

	I_n A	MW	Order No.	Price 1 item	Weight 1 item kg	Pack. unit Items	
Characteristic D							
	3-pole						
		0.3	3	5SY4 314-8		0.456	4
		0.5		5SY4 305-8			
		1		5SY4 301-8			
		1.6		5SY4 315-8			
		2		5SY4 302-8			
		3		5SY4 303-8			
		4		5SY4 304-8			
		6		5SY4 306-8			
		8		5SY4 308-8			
		10		5SY4 310-8			
		13		5SY4 313-8			
		16		5SY4 316-8			
		20		5SY4 320-8			
	25	5SY4 325-8					
	32	5SY4 332-8					
	40	5SY4 340-8					
	50	5SY4 350-8					
	63	5SY4 363-8					
	3-pole + N						
		0.3	4	5SY4 614-8		0.608	3
		0.5		5SY4 605-8			
		1		5SY4 601-8			
		1.6		5SY4 615-8			
		2		5SY4 602-8			
		3		5SY4 603-8			
		4		5SY4 604-8			
		6		5SY4 606-8			
		8		5SY4 608-8			
		10		5SY4 610-8			
		13		5SY4 613-8			
		16		5SY4 616-8			
		20		5SY4 620-8			
	25	5SY4 625-8					
	32	5SY4 632-8					
	40	5SY4 640-8					
	50	5SY4 650-8					
	63	5SY4 663-8					
	4-pole						
		0.3	4	5SY4 414-8		0.608	3
		0.5		5SY4 405-8			
		1		5SY4 401-8			
		1.6		5SY4 415-8			
		2		5SY4 402-8			
		3		5SY4 403-8			
		4		5SY4 404-8			
		6		5SY4 406-8			
		8		5SY4 408-8			
		10		5SY4 410-8			
		13		5SY4 413-8			
		16		5SY4 416-8			
		20		5SY4 420-8			
	25	5SY4 425-8					
	32	5SY4 432-8					
	40	5SY4 440-8					
	50	5SY4 450-8					
	63	5SY4 463-8					

For additional components see pages 2/60 and 2/61.
For accessories see pages 2/55 and 2/60.
For dimension drawings and terminal connections see page 2/64.

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range



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5SY7 miniature circuit-breakers 15 kA, AC model







Features

- U_n : 230/400 V, 50-60 Hz applicable in networks up to 250/400 V AC, 60 V DC per pole
- Standards: EN 60 898, DIN VDE 0641 Part 11, IEC 60 898
- 70 mm device mounting depth
- Additional components can be retrofitted.

Application

Characteristic B:
Cable and line protection mainly in socket outlet circuits, proof regarding shock-hazard protection is not necessary.

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit					
	A			1 item	kg	Items					
Characteristic B											
	1-pole										
		1-pole + N									
			2-pole								
				3-pole							
					3-pole + N						
						4-pole					
						6	1	5SY7 106-6		0.147	12
						10		5SY7 110-6			
13							5SY7 113-6				
16						5SY7 116-6					
20		5SY7 120-6									
25		5SY7 125-6									
32 ¹⁾		5SY7 132-6									
40		5SY7 140-6									
50		5SY7 150-6									
63		5SY7 163-6									
6	2	5SY7 506-6		0.304	6						
10		5SY7 510-6									
13		5SY7 513-6									
16		5SY7 516-6									
20		5SY7 520-6									
25		5SY7 525-6									
32		5SY7 532-6									
40		5SY7 540-6									
50		5SY7 550-6									
63		5SY7 563-6									
6	2	5SY7 206-6		0.304	6						
10		5SY7 210-6									
13		5SY7 213-6									
16		5SY7 216-6									
20		5SY7 220-6									
25		5SY7 225-6									
32		5SY7 232-6									
40		5SY7 240-6									
50		5SY7 250-6									
63		5SY7 263-6									
6	3	5SY7 306-6		0.456	4						
10		5SY7 310-6									
13		5SY7 313-6									
16		5SY7 316-6									
20		5SY7 320-6									
25		5SY7 325-6									
32		5SY7 332-6									
40		5SY7 340-6									
50		5SY7 350-6									
63		5SY7 363-6									
6	4	5SY7 606-6		0.608	3						
10		5SY7 610-6									
13		5SY7 613-6									
16		5SY7 616-6									
20		5SY7 620-6									
25		5SY7 625-6									
32		5SY7 632-6									
40		5SY7 640-6									
50		5SY7 650-6									
63		5SY7 663-6									
6	4	5SY7 406-6		0.608	3						
10		5SY7 410-6									
13		5SY7 413-6									
16		5SY7 416-6									
20		5SY7 420-6									
25		5SY7 425-6									
32		5SY7 432-6									
40		5SY7 440-6									
50		5SY7 450-6									
63		5SY7 463-6									



15000
3

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range




5SY7 miniature circuit-breakers
15 kA, AC model

2

Application

Characteristic C: inrush currents (lamps, motors etc.).
Cable and line protection, especially advantageous with high

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit		
	A			1 item	kg	Items		
Characteristic C								
	1-pole							
		1-pole + N						
			2-pole					
			0.3	1	5SY7 114-7		0.147	12
			0.5		5SY7 105-7			
			1		5SY7 101-7			
			1.6		5SY7 115-7			
			2		5SY7 102-7			
			3		5SY7 103-7			
			4		5SY7 104-7			
			6		5SY7 106-7			
			8		5SY7 108-7			
			10		5SY7 110-7			
			13		5SY7 113-7			
			16		5SY7 116-7			
20				5SY7 120-7				
25			5SY7 125-7					
32 ¹⁾		5SY7 132-7						
40		5SY7 140-7						
50		5SY7 150-7						
63		5SY7 163-7						
	0.3	2	5SY7 514-7		0.304	6		
	0.5		5SY7 505-7					
	1		5SY7 501-7					
	1.6		5SY7 515-7					
	2		5SY7 502-7					
	3		5SY7 503-7					
	4		5SY7 504-7					
	6		5SY7 506-7					
	8		5SY7 508-7					
	10		5SY7 510-7					
	13		5SY7 513-7					
	16		5SY7 516-7					
	20		5SY7 520-7					
	25		5SY7 525-7					
	32		5SY7 532-7					
	40		5SY7 540-7					
	50		5SY7 550-7					
	63		5SY7 563-7					
	0.3	2	5SY7 214-7		0.304	6		
	0.5		5SY7 205-7					
	1		5SY7 201-7					
	1.6		5SY7 215-7					
	2		5SY7 202-7					
	3		5SY7 203-7					
	4		5SY7 204-7					
	6		5SY7 206-7					
	8		5SY7 208-7					
	10		5SY7 210-7					
	13		5SY7 213-7					
	16		5SY7 216-7					
	20		5SY7 220-7					
	25		5SY7 225-7					
	32		5SY7 232-7					
	40		5SY7 240-7					
	50		5SY7 250-7					
	63		5SY7 263-7					

Cross-references and footnote referring to the pages 2/50 and 2/51:

[For additional components see pages 2/60 and 2/61.](#)

[For accessories see pages 2/55 and 2/60.](#)

[For dimension drawings and terminal connections see page 2/64.](#)

1) Also suitable for 21 kW active power for 3-phase 400 V (e. g. continuous-flow water heater with short time operation) or 7 kW active power with 230 V AC (e. g. storage heater in non-continuous operation). For continuous load conditions, we recommend to use miniature circuit-breakers with characteristic B and C and $I_n = 40$ A.

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range









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**5SY7 miniature circuit-breakers
15 kA, AC model**

Selection and ordering data

		I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
Characteristic C		A			1 item	kg	Items
	3-pole 	0.3	3	5SY7 314-7		0.456	4
		0.5		5SY7 305-7			
		1		5SY7 301-7			
		1.6		5SY7 315-7			
		2		5SY7 302-7			
		3		5SY7 303-7			
		4		5SY7 304-7			
		6		5SY7 306-7			
		8		5SY7 308-7			
		10		5SY7 310-7			
		13		5SY7 313-7			
		16		5SY7 316-7			
		20		5SY7 320-7			
		25		5SY7 325-7			
		32 ¹⁾		5SY7 332-7			
		40		5SY7 340-7			
50	5SY7 350-7						
63	5SY7 363-7						
	3-pole + N 	0.3	4	5SY7 614-7		0.608	3
		0.5		5SY7 605-7			
		1		5SY7 601-7			
		1.6		5SY7 615-7			
		2		5SY7 602-7			
		3		5SY7 603-7			
		4		5SY7 604-7			
		6		5SY7 606-7			
		8		5SY7 608-7			
		10		5SY7 610-7			
		13		5SY7 613-7			
		16		5SY7 616-7			
		20		5SY7 620-7			
		25		5SY7 625-7			
		32		5SY7 632-7			
		40		5SY7 640-7			
50	5SY7 650-7						
63	5SY7 663-7						
	4-pole 	0.3	4	5SY7 414-7		0.608	3
		0.5		5SY7 405-7			
		1		5SY7 401-7			
		1.6		5SY7 415-7			
		2		5SY7 402-7			
		3		5SY7 403-7			
		4		5SY7 404-7			
		6		5SY7 406-7			
		8		5SY7 408-7			
		10		5SY7 410-7			
		13		5SY7 413-7			
		16		5SY7 416-7			
		20		5SY7 420-7			
		25		5SY7 425-7			
		32		5SY7 432-7			
		40		5SY7 440-7			
50	5SY7 450-7						
63	5SY7 463-7						

For additional components see pages 2/60 and 2/61.
 For accessories see pages 2/55 and 2/60.
 For dimension drawings and terminal connections see page 2/64.

1) Also suitable for 21 kW active power for 3-phase 400 V (e. g. continuous-flow water heater with short time operation) or 7 kW active power with 230 V AC (e. g. storage heater in non-continuous operation). For continuous load conditions, we recommend to use miniature circuit-breakers with characteristic B and C and $I_n = 40$ A.



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Miniature Circuit-Breakers (MCBs) Industry Guard Product Range







5SY7 miniature circuit-breakers
15 kA, AC model

2

Application

Characteristic D:
The tripping range has been matched to applications involving equipment generating significant pulses (transformers, solenoid valves).

Selection and ordering data

	I_n	MW	Order No.	Price	Weight 1 item	Pack. unit	
	A			1 item	kg	Items	
Characteristic D							
	1-pole						
		0.3	1	5SY7 114-8		0.147	12
		0.5		5SY7 105-8			
		1		5SY7 101-8			
		1.6		5SY7 115-8			
		2		5SY7 102-8			
		3		5SY7 103-8			
		4		5SY7 104-8			
		6		5SY7 106-8			
		8		5SY7 108-8			
		10		5SY7 110-8			
		13		5SY7 113-8			
		16		5SY7 116-8			
20		5SY7 120-8					
25	5SY7 125-8						
32	5SY7 132-8						
40	5SY7 140-8						
50	5SY7 150-8						
63	5SY7 163-8						
	1-pole + N						
		0.3	2	5SY7 514-8		0.304	6
		0.5		5SY7 505-8			
		1		5SY7 501-8			
		1.6		5SY7 515-8			
		2		5SY7 502-8			
		3		5SY7 503-8			
		4		5SY7 504-8			
		6		5SY7 506-8			
		8		5SY7 508-8			
		10		5SY7 510-8			
		13		5SY7 513-8			
		16		5SY7 516-8			
20		5SY7 520-8					
25	5SY7 525-8						
32	5SY7 532-8						
40	5SY7 540-8						
50	5SY7 550-8						
63	5SY7 563-8						
	2-pole						
		0.3	2	5SY7 214-8		0.304	6
		0.5		5SY7 205-8			
		1		5SY7 201-8			
		1.6		5SY7 215-8			
		2		5SY7 202-8			
		3		5SY7 203-8			
		4		5SY7 204-8			
		6		5SY7 206-8			
		8		5SY7 208-8			
		10		5SY7 210-8			
		13		5SY7 213-8			
		16		5SY7 216-8			
20		5SY7 220-8					
25	5SY7 225-8						
32	5SY7 232-8						
40	5SY7 240-8						
50	5SY7 250-8						
63	5SY7 263-8						

For additional components see pages 2/60 and 2/61.
For accessories see pages 2/55 and 2/60.
For dimension drawings and terminal connections see page 2/64.

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range




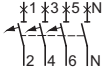

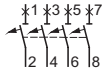


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**5SY7 miniature circuit-breakers
15 kA, AC model**

Selection and ordering data

		I_n	MW	Order No.	Price	Weight 1 item	Pack. unit
		A			1 item	kg	Items
Characteristic D							
	3-pole 	0.3	3	5SY7 314-8		0.456	4
		0.5		5SY7 305-8			
		1		5SY7 301-8			
		1.6		5SY7 315-8			
		2		5SY7 302-8			
		3		5SY7 303-8			
		4		5SY7 304-8			
		6		5SY7 306-8			
		8		5SY7 308-8			
		10		5SY7 310-8			
		13		5SY7 313-8			
		16		5SY7 316-8			
		20		5SY7 320-8			
		25		5SY7 325-8			
		32		5SY7 332-8			
40	5SY7 340-8						
50	5SY7 350-8						
63	5SY7 363-8						
	3-pole + N 	0.3	4	5SY7 614-8		0.608	3
		0.5		5SY7 605-8			
		1		5SY7 601-8			
		1.6		5SY7 615-8			
		2		5SY7 602-8			
		3		5SY7 603-8			
		4		5SY7 604-8			
		6		5SY7 606-8			
		8		5SY7 608-8			
		10		5SY7 610-8			
		13		5SY7 613-8			
		16		5SY7 616-8			
		20		5SY7 620-8			
		25		5SY7 625-8			
		32		5SY7 632-8			
40	5SY7 640-8						
50	5SY7 650-8						
63	5SY7 663-8						
	4-pole 	0.3	4	5SY7 414-8		0.608	3
		0.5		5SY7 405-8			
		1		5SY7 401-8			
		1.6		5SY7 415-8			
		2		5SY7 402-8			
		3		5SY7 403-8			
		4		5SY7 404-8			
		6		5SY7 406-8			
		8		5SY7 408-8			
		10		5SY7 410-8			
		13		5SY7 413-8			
		16		5SY7 416-8			
		20		5SY7 420-8			
		25		5SY7 425-8			
		32		5SY7 432-8			
40	5SY7 440-8						
50	5SY7 450-8						
63	5SY7 463-8						

For additional components see pages 2/60 and 2/61.
 For accessories see pages 2/55 and 2/60.
 For dimension drawings and terminal connections see page 2/64.

Miniature Circuit-Breakers (MCBs) Industry Guard Product Range

Accessories for 5SY4, 5SY7
miniature circuit-breakers

2

Busbar system

Features

- According to DIN 57 606 and DIN 57 659
- Load when feeding at one end/center 65 A/120 A for 16 mm².
- Single- and multi-phase
- Cu 16 mm² fully insulated
- 18 mm lug spacing
- With connection up to 35 mm² stranded, no additional terminal required
- Very good access to the feeder cable.



	Length	Order No.	Price	Weight	Pack. unit
	mm			kg	Items
Fully insulated					
			1 item	1 item	
1-phase	214	5ST3 700		0.040	50
1-phase + AS		5ST3 702			
2-phase		5ST3 704		0.060	25
2-phase + AS		5ST3 706			
3-phase		5ST3 708		0.100	25
3-phase + AS		5ST3 711			
3 × (1-phase + AS)		5ST3 713			
4-phase		5ST3 715		0.150	20
Without end caps					
1-phase	1016	5ST3 701		0.190	50
1-phase + AS		5ST3 703			
2-phase		5ST3 705		0.290	20
2-phase + AS		5ST3 707			
3-phase		5ST3 710		0.430	20
3-phase + AS		5ST3 712			
3 × (1-phase + AS)		5ST3 714			
4-phase		5ST3 716		0.700	15
End caps to be mounted laterally for insulation of cut-to-length busbars					
			100 items	100 items	
2- and 3-phase		5SH5 514		0.1	10
			1 item	1 item	
4-phase		5ST3 718		0.001	