

# SIEMENS



SENTRON

## 5SL4 miniature circuit breakers

New portfolio for reliable protection against overload and short circuit

### Safety for all applications

Miniature circuit breakers protect electrical systems against overload and short circuits. The new 5SL4 miniature circuit breakers are intended for use up to 10 kA. These devices have system features that are characteristic of all Siemens miniature circuit breakers.

### A comprehensive range

The 5SL4 miniature circuit breakers are suitable for the quick and easy mounting of additional components such as arc fault detection devices, auxiliary switches, fault signal contacts, shunt trips and undervoltage releases.

### Easy and safe installation

The new 5SL4 miniature circuit breakers can be released quickly and easily from the bus-mounted assembly with the help of the latching slide – no other tools are needed.

### Highlights

- Maximum system safety and availability thanks to extensive line and system protection.
- Uniform and comprehensive additional components as well as a wide range of accessories
- Consistent bus-mounting concept throughout the Siemens miniature circuit breaker range
- Replacement of a device from the busbar-mounted assembly requires no tools

Answers for infrastructure and cities.

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

### 5SL4, 10 000 A

#### Overview

The new 5SL4 miniature circuit breaker is intended for use up to 10 kA. These devices have system features that are characteristic of all Siemens miniature circuit breakers.

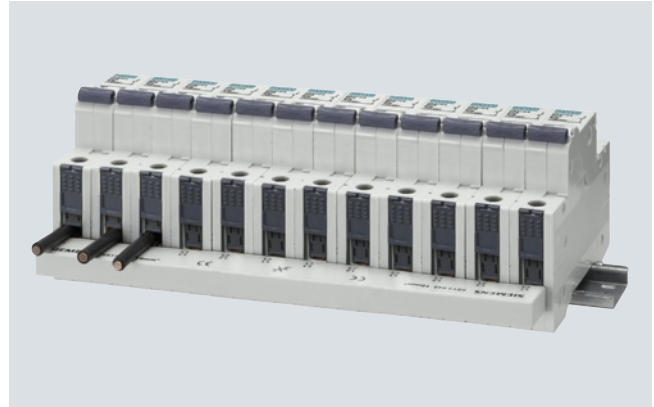
They are suitable for the quick and easy mounting of additional components such as arc fault detection trips, auxiliary switches, fault signal contacts, shunt trips and undervoltage releases.

To facilitate cable entry, the devices are equipped with rectangular terminals for the accommodation of pin busbars with cables up to 35 mm<sup>2</sup>. The rated current range is between 0.3 and 63 A. The 5SL4 miniature circuit breakers are available in characteristics B, C and D.

#### Benefits



- Effective touch protection when grasping and manually operating the latching slide with latch-down option.



- Easy-to-mount busbar assembly
- Consistent bus mounting concept throughout the Siemens miniature circuit breaker range.



- Individual devices can be removed from the bus-mounted assembly without the use of tools.



- The 5SL miniature circuit breakers are suitable for the quick and easy mounting of arc fault detection devices, auxiliary switches, fault signal contacts, shunt trips and undervoltage releases.

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

5SL4, 10 000 A

### Technical specifications

		5SL4
<b>Standards</b>		EN 60898-1
<b>Approvals</b>		<a href="#">see Catalog LV10.1, chapter "Appendix"</a>
<b>Tripping characteristic</b>		B, C, D
<b>Rated voltage <math>U_n</math></b>	V AC	230/400
<b>Operational voltage</b>		
• Min.	V AC/DC per pole	24
• Max.	V AC V DC/pole	250/440 60 <sup>1)</sup>
<b>Rated making and breaking capacity</b>		
• $I_{cn}$ acc. to IEC/EN 60898-1	kA AC	10
• $I_{cu}$ acc. to IEC/EN 60947-2	kA AC	10
<b>Insulation coordination</b>		
• Rated insulation voltage	V AC	250/440
• Pollution degree for overvoltage category		2/III
<b>Touch protection</b>	Acc. to EN 50274	Yes
<b>Handle end position</b> , sealable		Yes
<b>Degree of protection</b>		IP20, with connected conductors
<b>CFC and silicone-free</b>		Yes
<b>Conductor cross-sections</b>		
• 1-wire		
- Solid ( $\leq 10 \text{ mm}^2$ ) / stranded ( $\geq 16 \text{ mm}^2$ )	mm <sup>2</sup>	0.75 ... 35
- Finely stranded with non-insulated end sleeve	mm <sup>2</sup>	0.75 ... 25
- Finely stranded with insulated end sleeve	mm <sup>2</sup>	0.75 ... 25
- Finely stranded without end sleeve	mm <sup>2</sup>	1 ... 35
• 2-wire, same cross-section, same conductor type		
- Solid ( $\leq 10 \text{ mm}^2$ ) / stranded ( $\geq 16 \text{ mm}^2$ )	mm <sup>2</sup>	0.75 ... 10
- Finely stranded with non-insulated end sleeve	mm <sup>2</sup>	0.75 ... 4
- Finely stranded with insulated end sleeve	mm <sup>2</sup>	0.75 ... 4
- Finely stranded without end sleeve	mm <sup>2</sup>	1 ... 4
• 1-wire + busbar (pin thickness 1.5 mm)		
- Solid ( $\leq 10 \text{ mm}^2$ ) / stranded ( $\geq 16 \text{ mm}^2$ )	mm <sup>2</sup>	10 ... 25
- Finely stranded with non-insulated end sleeve	mm <sup>2</sup>	6 ... 25
- Finely stranded with insulated end sleeve	mm <sup>2</sup>	6 ... 16
<b>Terminals</b>	±screw (Pozidriv)	2
• Terminal tightening torque	Nm	2.5 ... 3
<b>Mounting position</b>		Any
<b>Service life</b> , on average, with rated load		20000 actuations
<b>Storage temperature</b>		°C -40 ... +75
<b>Ambient temperature</b>		°C -25 ... +55, max. 95 % humidity
<b>Resistance to climate</b>		Acc. to IEC 60068-2-30 6 cycles




<sup>1)</sup> Exception: Characteristic C: 0.3 A ... 1 A, Characteristic D: 0.3 A...2 A.

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

### 5SL4, 10 000 A





#### Selection and ordering data

10 000 3	DVE	I <sub>n</sub>	Mounting width	DT	Characteristic B			Characteristic C			PE (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx. kg	
					Order No.	Price per PU	PG DT	Order No.	Price per PU	PG					
<b>MCBs 10 000 A</b>															
	<b>1P, 230/400 V AC</b>														
	0.3	1	--												
	0.5		--												
	1		<b>5SL4101-6</b>				002					1	1 unit	002	0.165
	1.6		--												
	2		<b>5SL4102-6</b>				002								
	3		<b>5SL4103-6</b>				002								
	4		<b>5SL4104-6</b>				002								
	6		<b>5SL4106-6</b>				002								
	8		<b>5SL4108-6</b>				002								
	10		<b>5SL4110-6</b>				002								
	13		<b>5SL4113-6</b>				002								
	16		<b>5SL4116-6</b>				002								
	20		<b>5SL4120-6</b>				002								
	25		<b>5SL4125-6</b>				002								
	32		<b>5SL4132-6</b>				002								
40		<b>5SL4140-6</b>				002									
50		<b>5SL4150-6</b>				002									
63		<b>5SL4163-6</b>				002									
	<b>1P+N, 230 V AC</b>														
	0.3	2	--												
	0.5		--												
	1		<b>5SL4501-6</b>				002								
	1.6		--												
	2		<b>5SL4502-6</b>				002								
	3		<b>5SL4503-6</b>				002								
	4		<b>5SL4504-6</b>				002								
	6		<b>5SL4506-6</b>				002								
	8		<b>5SL4508-6</b>				002								
	10		<b>5SL4510-6</b>				002								
	13		<b>5SL4513-6</b>				002								
	16		<b>5SL4516-6</b>				002								
	20		<b>5SL4520-6</b>				002								
	25		<b>5SL4525-6</b>				002								
	32		<b>5SL4532-6</b>				002								
40		<b>5SL4540-6</b>				002									
50		<b>5SL4550-6</b>				002									
63		<b>5SL4563-6</b>				002									
	<b>2P, 400 V AC</b>														
	0.3	2	--												
	0.5		--												
	1		<b>5SL4201-6</b>				002								
	1.6		--												
	2		<b>5SL4202-6</b>				002								
	3		<b>5SL4203-6</b>				002								
	4		<b>5SL4204-6</b>				002								
	6		<b>5SL4206-6</b>				002								
	8		<b>5SL4208-6</b>				002								
	10		<b>5SL4210-6</b>				002								
	13		<b>5SL4213-6</b>				002								
	16		<b>5SL4216-6</b>				002								
	20		<b>5SL4220-6</b>				002								
	25		<b>5SL4225-6</b>				002								
	32		<b>5SL4232-6</b>				002								
40		<b>5SL4240-6</b>				002									
50		<b>5SL4250-6</b>				002									
63		<b>5SL4263-6</b>				002									

# Miniature Circuit Breakers

## 5SL miniature circuit breakers





5SL4, 10 000 A

10 000 3			$I_n$	Mounting width	DT	Characteristic B			Characteristic C			PE (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.	
		A	MW <sup>1)</sup>			Order No.	Price per PU	PG	DT	Order No.	Price per PU				kg	
<b>MCBs 10 000 A</b>																
<b>3P, 400 V AC</b>																
	0.3	3	--							<b>5SL4314-7</b>		1	1 unit	002	0.465	
	0.5		--							<b>5SL4305-7</b>		1	1 unit	002	0.465	
	1		<b>5SL4301-6</b>					002		<b>5SL4301-7</b>		1	1 unit	002	0.465	
	1.6		--							<b>5SL4315-7</b>		1	1 unit	002	0.465	
	2		<b>5SL4302-6</b>					002		<b>5SL4302-7</b>		1	1 unit	002	0.465	
	3		<b>5SL4303-6</b>					002		<b>5SL4303-7</b>		1	1 unit	002	0.465	
	4		<b>5SL4304-6</b>					002		<b>5SL4304-7</b>		1	1 unit	002	0.465	
	6		<b>5SL4306-6</b>					002		<b>5SL4306-7</b>		1	1 unit	002	0.465	
	8		<b>5SL4308-6</b>					002		<b>5SL4308-7</b>		1	1 unit	002	0.465	
	10		<b>5SL4310-6</b>					002		<b>5SL4310-7</b>		1	1 unit	002	0.465	
	13		<b>5SL4313-6</b>					002		<b>5SL4313-7</b>		1	1 unit	002	0.465	
	16		<b>5SL4316-6</b>					002		<b>5SL4316-7</b>		1	1 unit	002	0.465	
	20		<b>5SL4320-6</b>					002		<b>5SL4320-7</b>		1	1 unit	002	0.465	
	25		<b>5SL4325-6</b>					002		<b>5SL4325-7</b>		1	1 unit	002	0.465	
	32		<b>5SL4332-6</b>					002		<b>5SL4332-7</b>		1	1 unit	002	0.465	
	40		<b>5SL4340-6</b>					002		<b>5SL4340-7</b>		1	1 unit	002	0.465	
	50		<b>5SL4350-6</b>					002		<b>5SL4350-7</b>		1	1 unit	002	0.465	
	63		<b>5SL4363-6</b>					002		<b>5SL4363-7</b>		1	1 unit	002	0.465	
<b>3P+N, 400 V AC</b>																
	0.3	4	--							<b>5SL4614-7</b>		1	1 unit	002	0.660	
	0.5		--							<b>5SL4605-7</b>		1	1 unit	002	0.660	
	1		<b>5SL4601-6</b>					002		<b>5SL4601-7</b>		1	1 unit	002	0.660	
	1.6		--							<b>5SL4615-7</b>		1	1 unit	002	0.660	
	2		<b>5SL4602-6</b>					002		<b>5SL4602-7</b>		1	1 unit	002	0.660	
	3		<b>5SL4603-6</b>					002		<b>5SL4603-7</b>		1	1 unit	002	0.660	
	4		<b>5SL4604-6</b>					002		<b>5SL4604-7</b>		1	1 unit	002	0.660	
	6		<b>5SL4606-6</b>					002		<b>5SL4606-7</b>		1	1 unit	002	0.660	
	8		<b>5SL4608-6</b>					002		<b>5SL4608-7</b>		1	1 unit	002	0.660	
	10		<b>5SL4610-6</b>					002		<b>5SL4610-7</b>		1	1 unit	002	0.660	
	13		<b>5SL4613-6</b>					002		<b>5SL4613-7</b>		1	1 unit	002	0.660	
	16		<b>5SL4616-6</b>					002		<b>5SL4616-7</b>		1	1 unit	002	0.660	
	20		<b>5SL4620-6</b>					002		<b>5SL4620-7</b>		1	1 unit	002	0.660	
	25		<b>5SL4625-6</b>					002		<b>5SL4625-7</b>		1	1 unit	002	0.660	
	32		<b>5SL4632-6</b>					002		<b>5SL4632-7</b>		1	1 unit	002	0.660	
	40		<b>5SL4640-6</b>					002		<b>5SL4640-7</b>		1	1 unit	002	0.660	
	50		<b>5SL4650-6</b>					002		<b>5SL4650-7</b>		1	1 unit	002	0.660	
	63		<b>5SL4663-6</b>					002		<b>5SL4663-7</b>		1	1 unit	002	0.660	
<b>4P, 400 V AC</b>																
	0.3	4	--							<b>5SL4414-7</b>		1	1 unit	002	0.660	
	0.5		--							<b>5SL4405-7</b>		1	1 unit	002	0.660	
	1		<b>5SL4401-6</b>					002		<b>5SL4401-7</b>		1	1 unit	002	0.660	
	1.6		--							<b>5SL4415-7</b>		1	1 unit	002	0.660	
	2		<b>5SL4402-6</b>					002		<b>5SL4402-7</b>		1	1 unit	002	0.660	
	3		<b>5SL4403-6</b>					002		<b>5SL4403-7</b>		1	1 unit	002	0.660	
	4		<b>5SL4404-6</b>					002		<b>5SL4404-7</b>		1	1 unit	002	0.660	
	6		<b>5SL4406-6</b>					002		<b>5SL4406-7</b>		1	1 unit	002	0.660	
	8		<b>5SL4408-6</b>					002		<b>5SL4408-7</b>		1	1 unit	002	0.660	
	10		<b>5SL4410-6</b>					002		<b>5SL4410-7</b>		1	1 unit	002	0.660	
	13		<b>5SL4413-6</b>					002		<b>5SL4413-7</b>		1	1 unit	002	0.660	
	16		<b>5SL4416-6</b>					002		<b>5SL4416-7</b>		1	1 unit	002	0.660	
	20		<b>5SL4420-6</b>					002		<b>5SL4420-7</b>		1	1 unit	002	0.660	
	25		<b>5SL4425-6</b>					002		<b>5SL4425-7</b>		1	1 unit	002	0.660	
	32		<b>5SL4432-6</b>					002		<b>5SL4432-7</b>		1	1 unit	002	0.660	
	40		<b>5SL4440-6</b>					002		<b>5SL4440-7</b>		1	1 unit	002	0.660	
	50		<b>5SL4450-6</b>					002		<b>5SL4450-7</b>		1	1 unit	002	0.660	
	63		<b>5SL4463-6</b>					002		<b>5SL4463-7</b>		1	1 unit	002	0.660	

# Miniature Circuit Breakers

## 5SL miniature circuit breakers





### 5SL4, 10 000 A

10 000 3		$I_n$	Mounting width	DT	Characteristic D	Price per PU	PE (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx.
		A	MW <sup>1)</sup>		Order No.					kg
<b>MCBs 10 000 A</b>										
	<b>1P, 230/400 V AC</b>									
		0,3	1		5SL4114-8		1	1 unit	002	0.165
		0,5			5SL4105-8		1	1 unit	002	0.165
		1			5SL4101-8		1	1 unit	002	0.165
		1,6			5SL4115-8		1	1 unit	002	0.165
		2			5SL4102-8		1	1 unit	002	0.165
		3			5SL4103-8		1	1 unit	002	0.165
		4			5SL4104-8		1	1 unit	002	0.165
		6			5SL4106-8		1	1 unit	002	0.165
		8			5SL4108-8		1	1 unit	002	0.165
		10			5SL4110-8		1	1 unit	002	0.165
		13			5SL4113-8		1	1 unit	002	0.165
		16			5SL4116-8		1	1 unit	002	0.165
		20			5SL4120-8		1	1 unit	002	0.165
		25			5SL4125-8		1	1 unit	002	0.165
	32			5SL4132-8		1	1 unit	002	0.165	
	40			5SL4140-8		1	1 unit	002	0.165	
	50			5SL4150-8		1	1 unit	002	0.165	
	63			5SL4163-8		1	1 unit	002	0.165	
	<b>1P+N, 230 V AC</b>									
		0,3	2		5SL4514-8		1	1 unit	002	0.330
		0,5			5SL4505-8		1	1 unit	002	0.330
		1			5SL4501-8		1	1 unit	002	0.330
		1,6			5SL4515-8		1	1 unit	002	0.330
		2			5SL4502-8		1	1 unit	002	0.330
		3			5SL4503-8		1	1 unit	002	0.330
		4			5SL4504-8		1	1 unit	002	0.330
		6			5SL4506-8		1	1 unit	002	0.330
		8			5SL4508-8		1	1 unit	002	0.330
		10			5SL4510-8		1	1 unit	002	0.330
		13			5SL4513-8		1	1 unit	002	0.330
		16			5SL4516-8		1	1 unit	002	0.330
		20			5SL4520-8		1	1 unit	002	0.330
		25			5SL4525-8		1	1 unit	002	0.330
	32			5SL4532-8		1	1 unit	002	0.330	
	40			5SL4540-8		1	1 unit	002	0.330	
	50			5SL4550-8		1	1 unit	002	0.330	
	63			5SL4563-8		1	1 unit	002	0.330	
	<b>2P, 400 V AC</b>									
		0,3	2		5SL4214-8		1	1 unit	002	0.330
		0,5			5SL4205-8		1	1 unit	002	0.330
		1			5SL4201-8		1	1 unit	002	0.330
		1,6			5SL4215-8		1	1 unit	002	0.330
		2			5SL4202-8		1	1 unit	002	0.330
		3			5SL4203-8		1	1 unit	002	0.330
		4			5SL4204-8		1	1 unit	002	0.330
		6			5SL4206-8		1	1 unit	002	0.330
		8			5SL4208-8		1	1 unit	002	0.330
		10			5SL4210-8		1	1 unit	002	0.330
		13			5SL4213-8		1	1 unit	002	0.330
		16			5SL4216-8		1	1 unit	002	0.330
		20			5SL4220-8		1	1 unit	002	0.330
		25			5SL4225-8		1	1 unit	002	0.330
	32			5SL4232-8		1	1 unit	002	0.330	
	40			5SL4240-8		1	1 unit	002	0.330	
	50			5SL4250-8		1	1 unit	002	0.330	
	63			5SL4263-8		1	1 unit	002	0.330	

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

5SL4, 10 000 A








10 000 3			$I_n$	Mounting width	DT	Characteristic D		PE	PS*/	PG	Weight
A				MW <sup>1)</sup>		Order No.	Price per PU	(UNIT, SET, M)	P. unit		per PU approx.
<b>MCBs 10 000 A</b>											
	<b>3P, 400 V AC</b>										
	0.3		3			5SL4314-8		1	1 unit	002	0.465
	0.5					5SL4305-8		1	1 unit	002	0.465
	1					5SL4301-8		1	1 unit	002	0.465
	1.6					5SL4315-8		1	1 unit	002	0.465
	2					5SL4302-8		1	1 unit	002	0.465
	3					5SL4303-8		1	1 unit	002	0.465
	4					5SL4304-8		1	1 unit	002	0.465
	6					5SL4306-8		1	1 unit	002	0.465
	8					5SL4308-8		1	1 unit	002	0.465
	10					5SL4310-8		1	1 unit	002	0.465
	13					5SL4313-8		1	1 unit	002	0.465
	16					5SL4316-8		1	1 unit	002	0.465
	20					5SL4320-8		1	1 unit	002	0.465
	25					5SL4325-8		1	1 unit	002	0.465
32					5SL4332-8		1	1 unit	002	0.465	
40					5SL4340-8		1	1 unit	002	0.465	
50					5SL4350-8		1	1 unit	002	0.465	
63					5SL4363-8		1	1 unit	002	0.465	
	<b>3P+N, 400 V AC</b>										
	0.3		4			5SL4614-8		1	1 unit	002	0.660
	0.5					5SL4605-8		1	1 unit	002	0.660
	1					5SL4601-8		1	1 unit	002	0.660
	1.6					5SL4615-8		1	1 unit	002	0.660
	2					5SL4602-8		1	1 unit	002	0.660
	3					5SL4603-8		1	1 unit	002	0.660
	4					5SL4604-8		1	1 unit	002	0.660
	6					5SL4606-8		1	1 unit	002	0.660
	8					5SL4608-8		1	1 unit	002	0.660
	10					5SL4610-8		1	1 unit	002	0.660
	13					5SL4613-8		1	1 unit	002	0.660
	16					5SL4616-8		1	1 unit	002	0.660
	20					5SL4620-8		1	1 unit	002	0.660
	25					5SL4625-8		1	1 unit	002	0.660
32					5SL4632-8		1	1 unit	002	0.660	
40					5SL4640-8		1	1 unit	002	0.660	
50					5SL4650-8		1	1 unit	002	0.660	
63					5SL4663-8		1	1 unit	002	0.660	
	<b>4P, 400 V AC</b>										
	0.3		4			5SL4414-8		1	1 unit	002	0.660
	0.5					5SL4405-8		1	1 unit	002	0.660
	1					5SL4401-8		1	1 unit	002	0.660
	1.6					5SL4415-8		1	1 unit	002	0.660
	2					5SL4402-8		1	1 unit	002	0.660
	3					5SL4403-8		1	1 unit	002	0.660
	4					5SL4404-8		1	1 unit	002	0.660
	6					5SL4406-8		1	1 unit	002	0.660
	8					5SL4408-8		1	1 unit	002	0.660
	10					5SL4410-8		1	1 unit	002	0.660
	13					5SL4413-8		1	1 unit	002	0.660
	16					5SL4416-8		1	1 unit	002	0.660
	20					5SL4420-8		1	1 unit	002	0.660
	25					5SL4425-8		1	1 unit	002	0.660
32					5SL4432-8		1	1 unit	002	0.660	
40					5SL4440-8		1	1 unit	002	0.660	
50					5SL4450-8		1	1 unit	002	0.660	
63					5SL4463-8		1	1 unit	002	0.660	

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

5SL4, 10 000 A



### Accessories

	Rated voltage $U_n$ V	Mounting width MW <sup>1)</sup>	DT	Order No.	Price per PU	PE (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
	<b>Auxiliary switches (AS)</b> For 5SL, 5SY, 5SP miniature circuit breakers, 5SU1 RCBOs and 5TE8 switches								
	1 NO + 1 NC For low power	0.5	▶	<b>5ST3010</b>		1	1 unit	020	0.066
			▶	<b>5ST3013</b>		1	1 unit	020	0.055
	2 NO For low power			<b>5ST3011</b>		1	1 unit	020	0.055
				<b>5ST3014</b>		1	1 unit	020	0.054
	2 NC For low power			<b>5ST3012</b>		1	1 unit	020	0.055
				<b>5ST3015</b>		1	1 unit	020	0.060
	<b>Auxiliary switches (AS) with TEST button</b> For 5SL, 5SY, 5SP miniature circuit breakers, 5SU1 RCBOs and 5TE8 switches								
	1 NO + 1 NC For low power	0.5		<b>5ST3010-2</b>		1	1 unit	020	0.045
				<b>5ST3013-2</b>		1	1 unit	020	0.045
	2 NO For low power			<b>5ST3011-2</b>		1	1 unit	020	0.045
				<b>5ST3014-2</b>		1	1 unit	020	0.045
	2 NC For low power			<b>5ST3012-2</b>		1	1 unit	020	0.045
				<b>5ST3015-2</b>		1	1 unit	020	0.045
	<b>Fault signal contacts (FC)</b> For 5SL, 5SY, 5SP miniature circuit breakers and 5SU1 RCBOs								
	1 NO + 1 NC	0.5	▶	<b>5ST3020</b>		1	1 unit	020	0.056
	2 NO			<b>5ST3021</b>		1	1 unit	020	0.056
	2 NC			<b>5ST3022</b>		1	1 unit	020	0.057
	<b>Fault signal contacts (FC) with TEST and ACKNOWLEDGE button</b> For 5SL, 5SY, 5SP miniature circuit breakers and 5SU1 RCBOs								
	1 NO + 1 NC	0.5	▶	<b>5ST3020-2</b>		1	1 unit	020	0.050
	2 NO			<b>5ST3021-2</b>		1	1 unit	020	0.050
	2 NC			<b>5ST3022-2</b>		1	1 unit	020	0.050
	<b>Undervoltage releases (UR)</b> For 5SY, 5SP MCBs and 5SU1 RCBOs, but not suitable for use with 5SY60.. and 5SL6 miniature circuit breakers								
	With integrated auxiliary switch								
	230 AC	1	▶	<b>5ST3040</b>		1	1 unit	020	0.107
	110 DC			<b>5ST3041</b>		1	1 unit	020	0.105
	24 DC			<b>5ST3042</b>		1	1 unit	020	0.101
	Without integrated auxiliary switch								
230 AC	1	▶	<b>5ST3043</b>		1	1 unit	020	0.092	
110 DC			<b>5ST3044</b>		1	1 unit	020	0.091	
	24 DC		<b>5ST3045</b>		1	1 unit	020	0.088	
	<b>Shunt trips (ST)</b> For 5SY, 5SP MCBs and 5SU1 RCBOs, but not suitable for use with 5SY60.. and 5SL6 miniature circuit breakers								
	110 ... 415 V AC	1	▶	<b>5ST3030</b>		1	1 unit	020	0.090
	24 ... 60 V AC/DC	1	▶	<b>5ST3031</b>		1	1 unit	020	0.090
	<b>Arc fault detection devices, AFDDs</b> For 5SU1.5 RCBOs (2 MW) and 5SL4 MCBs (2 MW) and 5SY MCBs (2 MW), however not suitable for 5SY5, 5SY8, 5SY60 2-pole; 50 Hz, up to 16 A								
	230 AC	3		<b>5SM6021-1</b>		1	1 unit	007	0.113

# Miniature Circuit Breakers

## 5SL miniature circuit breakers

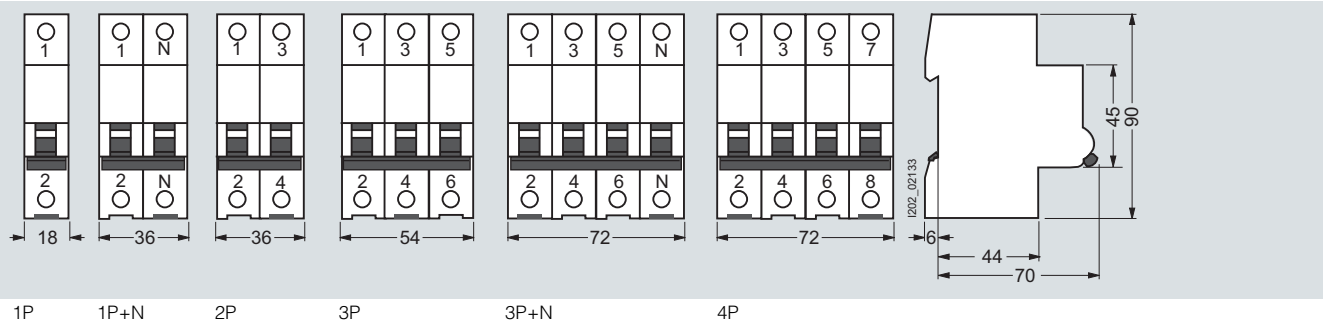
5SL4, 10 000 A

	Rated voltage $U_n$ V	Mounting width MW <sup>1)</sup>	DT	Order No.	Price per PU	PE (UNIT, SET, M)	PS*/P. unit	PG	Weight per PU approx. kg
				<b>5ST3806</b>		1	5 units	020	0.007
<b>Handle locking devices</b> Sealable to prevent undesired mechanical ON/OFF switching For 5SL miniature circuit breakers For padlock with 3 ... 6 mm shackle									
				<b>5ST3802</b>		1	1 unit	020	0.031
<b>Padlocks</b> For 5ST3801 and 5ST3806 handle locking device									

1) 1 MW (modular width) = 18 mm.

### Dimensional drawings

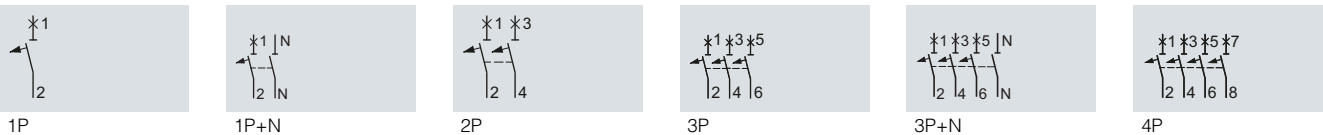
5SL4



### Circuit diagrams

#### Graphic symbols

5SL4



Order number index  
incl. export markings

## Übersicht

Order No.	Page	Export markings	
		ECCN	AL
<b>5SL41</b>			
5SL4101-6	4	N	N
5SL4101-7	4	N	N
5SL4101-8	6	N	N
5SL4102-6	4	N	N
5SL4102-7	4	N	N
5SL4102-8	6	N	N
5SL4103-6	4	N	N
5SL4103-7	4	N	N
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5SL4104-6	4	N	N
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Order No.	Page	Export markings	
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5ST3042	8	EAR99H	N
5ST3043	8	EAR99H	N
5ST3044	8	EAR99H	N

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		ECCN	AL
5ST3045	8	EAR99H	N
5ST3802	9	N	N
5ST3806	9	N	N

A product's export markings are updated daily at [www.siemens.com/industrymall](http://www.siemens.com/industrymall).

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The dimensions are in mm. In Germany, according to the German law on units in measuring technology, data in inches only apply to devices for export.

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Insofar as there are no remarks on the corresponding pages, - especially with regard to data, dimensions and weights given - these are subject to change without prior notice.

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The surcharge will be calculated on the basis of the official price on the day prior to receipt of the order or prior to the release order.

The metal factor determines the official price as of which the metal surcharges are charged and the calculation method used. The metal factor, provided it is relevant, is included with the price information of the respective products.

You will find

- an exact explanation of the metal factor
- the text of the Comprehensive Terms and Conditions of Sale and Delivery of Siemens AG

in the Internet under

[www.siemens.com/automation/salesmaterial-as/catalog/en/terms\\_of\\_trade\\_en.pdf](http://www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf)

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Subject to change without prior notice  
PDF only: (E86060-P8280-E010-A1-7600)  
MP.R3.LP.0000.00.3.09  
PI 07/13 16 En / valid until 09/13  
Produced in Germany  
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