

SIEMENS



5SL miniature
circuit breaker



All a line needs!

SENTRON 5SL series standard line

Answers for infrastructure and cities.

SENTRON 5SL series miniature circuit breaker



Overview

5SL Miniature Circuit Breaker

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5SL Accessories

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SENTRON 5SL series standard line

Siemens launch new SENTRON 5SL series standard line based on detailed investigation of customers.

Standard line of 5SL...CC includes products as follows: miniature circuit breaker, residual current protection device, AFDD, AS, FC, OU, OV, ST, etc.





5SL series
circuit breaker



All a line needs!

4 key highlight brought by SENTRON 5SL



Handle indicator:

Handle is printed with Red-OFF and Green-On for status indication, and color comply with standard.



Operative handle:

Handle put human mechanics into consideration and make operation easier and more comfortable.



Anti touch, anti dust protection:

In order to protect human and prevent dust from environment, 5SL still has such protection.



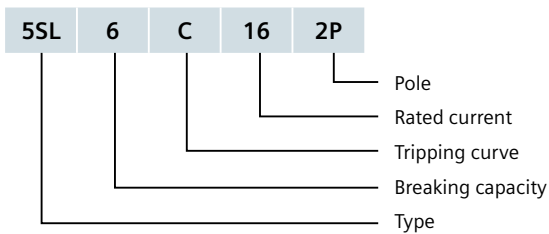
Slide clip design:

Unique slide clip design make assembly and disassembly faster. And save time of installation obviously.

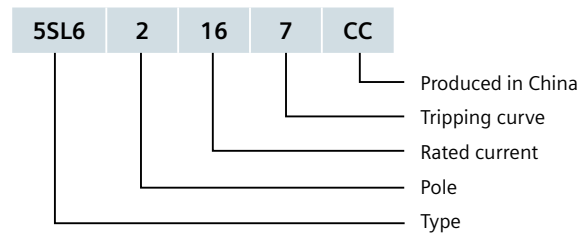
Quick selection

Data	Breaking capacity		Tripping curve			Rated current																Pole								
	6	10	B	C	D	0.3	0.5	1	1.6	2	3	4	6	8	10	13	16	20	25	32	40	50	63	1	2	3	4	1PN	3PN	
5SL	6		*					*		*	*	*	*		*		*	*	*	*	*	*	*	*	*	*	*	*	*	*
5SL	6			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5SL	6				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5SL		4	*					*		*	*	*	*		*		*	*	*	*	*	*	*	*	*	*	*	*	*	*
5SL		4		*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5SL		4			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Example:



Ordering example



5SL Miniature Circuit Breaker

5SL6 6000A

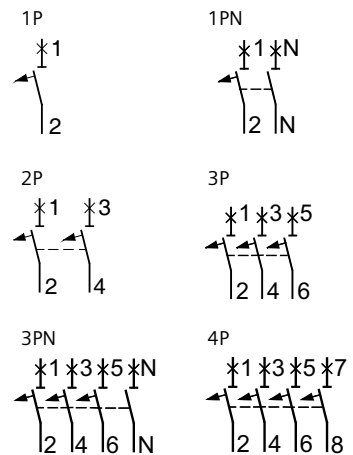
Technical specification

Type	5SL6
Standard	IEC/EN60898-1
Rated voltage Un	230/400VAC
Rated current In	0.3~63A
Breaking capacity	
Icn according to IEC60898-1	6kA
Insulation coordination	250/440VAC
Overvoltage Category	III
Pollution degree	2
Touch protection	Yes
Main switch characteristics	Yes
Handle end position, sealable	Yes
Degree of protection	
	Directly installed IP20
	Put into distribution box IP40
Conductor cross section	
	Solid and stranded 0.75~35
	Finely stranded, with end sleeve 0.75~25
Torque	
	2.5...3Nm
	22-26lb.in
Installation	
Connection	
AC	Any
DC	Any
Mounting position	Any
Mechanical service life	20000
Electrical service life	10000
Storage temperature	-40~+75
Ambient temperature	-25~+55, max 95% humidity
Shock	150, at 10ms half sine
Resistance to vibration	broad-band noise at 0,79g, 5~150Hz, , shock 5g, 30ms.






Certification: CCC, CE

Wiring:





Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
MCBs 6000A								
	1P, 230/400VAC							
	1	1	5SL6 B1 1P	5SL61016CC	PTS	1	12	0.134
	2		5SL6 B2 1P	5SL61026CC	PTS	1	12	0.134
	3		5SL6 B3 1P	5SL61036CC	PTS	1	12	0.134
	4		5SL6 B4 1P	5SL61046CC	PTS	1	12	0.134
	6		5SL6 B6 1P	5SL61066CC	PTS	1	12	0.134
	10		5SL6 B10 1P	5SL61106CC	PTS	1	12	0.134
	16		5SL6 B16 1P	5SL61166CC	PTS	1	12	0.134
	20		5SL6 B20 1P	5SL61206CC	PTS	1	12	0.134
	25		5SL6 B25 1P	5SL61256CC	PTS	1	12	0.134
	32		5SL6 B32 1P	5SL61326CC	PTS	1	12	0.134
	40		5SL6 B40 1P	5SL61406CC	PTS	1	12	0.156
	50		5SL6 B50 1P	5SL61506CC	PTS	1	12	0.156
	63		5SL6 B63 1P	5SL61636CC	PTS	1	12	0.156
	2P,400VAC							
	1	2	5SL6 B1 2P	5SL62016CC	PTS	1	6	0.268
	2		5SL6 B2 2P	5SL62026CC	PTS	1	6	0.268
	3		5SL6 B3 2P	5SL62036CC	PTS	1	6	0.268
	4		5SL6 B4 2P	5SL62046CC	PTS	1	6	0.268
	6		5SL6 B6 2P	5SL62066CC	PTS	1	6	0.268
	10		5SL6 B10 2P	5SL62106CC	PTS	1	6	0.268
	16		5SL6 B16 2P	5SL62166CC	PTS	1	6	0.268
	20		5SL6 B20 2P	5SL62206CC	PTS	1	6	0.268
	25		5SL6 B25 2P	5SL62256CC	PTS	1	6	0.268
	32		5SL6 B32 2P	5SL62326CC	PTS	1	6	0.268
	40		5SL6 B40 2P	5SL62406CC	PTS	1	6	0.312
	50		5SL6 B50 2P	5SL62506CC	PTS	1	6	0.312
	63		5SL6 B63 2P	5SL62636CC	PTS	1	6	0.312
	3P,400VAC							
	1	3	5SL6 B1 3P	5SL63016CC	PTS	1	4	0.402
	2		5SL6 B2 3P	5SL63026CC	PTS	1	4	0.402
	3		5SL6 B3 3P	5SL63036CC	PTS	1	4	0.402
	4		5SL6 B4 3P	5SL63046CC	PTS	1	4	0.402
	6		5SL6 B6 3P	5SL63066CC	PTS	1	4	0.402
	10		5SL6 B10 3P	5SL63106CC	PTS	1	4	0.402
	16		5SL6 B16 3P	5SL63166CC	PTS	1	4	0.402
	20		5SL6 B20 3P	5SL63206CC	PTS	1	4	0.402
	25		5SL6 B25 3P	5SL63256CC	PTS	1	4	0.402
	32		5SL6 B32 3P	5SL63326CC	PTS	1	4	0.402
	40		5SL6 B40 3P	5SL63406CC	PTS	1	4	0.468
	50		5SL6 B50 3P	5SL63506CC	PTS	1	4	0.468
	63		5SL6 B63 3P	5SL63636CC	PTS	1	4	0.468

5SL Miniature Circuit Breaker

5SL6 6000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	4P,400VAC							
	1	4	5SL6 B1 4P	5SL64016CC	PTS	1	3	0.536
	2		5SL6 B2 4P	5SL64026CC	PTS	1	3	0.536
	3		5SL6 B3 4P	5SL64036CC	PTS	1	3	0.536
	4		5SL6 B4 4P	5SL64046CC	PTS	1	3	0.536
	6		5SL6 B6 4P	5SL64066CC	PTS	1	3	0.536
	10		5SL6 B10 4P	5SL64106CC	PTS	1	3	0.536
	16		5SL6 B16 4P	5SL64166CC	PTS	1	3	0.536
	20		5SL6 B20 4P	5SL64206CC	PTS	1	3	0.536
	25		5SL6 B25 4P	5SL64256CC	PTS	1	3	0.536
	32		5SL6 B32 4P	5SL64326CC	PTS	1	3	0.536
	40		5SL6 B40 4P	5SL64406CC	PTS	1	3	0.624
	50		5SL6 B50 4P	5SL64506CC	PTS	1	3	0.624
	63		5SL6 B63 4P	5SL64636CC	PTS	1	3	0.624
	MCBs 6000A							
	1P, 230/400VAC							
	0.3	1	5SL6 C0.3 1P	5SL61147CC	PTS	1	12	0.134
	0.5		5SL6 C0.5 1P	5SL61057CC	PTS	1	12	0.134
	1		5SL6 C1 1P	5SL61017CC	PTS	1	12	0.134
	1.6		5SL6 C1.6 1P	5SL61157CC	PTS	1	12	0.134
	2		5SL6 C2 1P	5SL61027CC	PTS	1	12	0.134
	3		5SL6 C3 1P	5SL61037CC	PTS	1	12	0.134
	4		5SL6 C4 1P	5SL61047CC	PTS	1	12	0.134
	6		5SL6 C6 1P	5SL61067CC	PTS	1	12	0.134
	8		5SL6 C8 1P	5SL61087CC	PTS	1	12	0.134
	10		5SL6 C10 1P	5SL61107CC	PTS	1	12	0.134
	13		5SL6 C13 1P	5SL61137CC	PTS	1	12	0.134
	16		5SL6 C16 1P	5SL61167CC	PTS	1	12	0.134
	20		5SL6 C20 1P	5SL61207CC	PTS	1	12	0.134
	25		5SL6 C25 1P	5SL61257CC	PTS	1	12	0.134
	32		5SL6 C32 1P	5SL61327CC	PTS	1	12	0.134
	40		5SL6 C40 1P	5SL61407CC	PTS	1	12	0.156
	50		5SL6 C50 1P	5SL61507CC	PTS	1	12	0.156
	63		5SL6 C63 1P	5SL61637CC	PTS	1	12	0.156

5SL Miniature Circuit Breaker

5SL6 6000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	1P+N, 230VAC							
	0.3	2	5SL6 C0.3 1P+N	5SL65147CC	PTO	1	6	0.268
	0.5		5SL6 C0.5 1P+N	5SL65057CC	PTS	1	6	0.268
	1		5SL6 C1 1P+N	5SL65017CC	PTS	1	6	0.268
	1.6		5SL6 C1.6 1P+N	5SL65157CC	PTS	1	6	0.268
	2		5SL6 C2 1P+N	5SL65027CC	PTS	1	6	0.268
	3		5SL6 C3 1P+N	5SL65037CC	PTS	1	6	0.268
	4		5SL6 C4 1P+N	5SL65047CC	PTS	1	6	0.268
	6		5SL6 C6 1P+N	5SL65067CC	PTS	1	6	0.268
	8		5SL6 C8 1P+N	5SL65087CC	PTS	1	6	0.268
	10		5SL6 C10 1P+N	5SL65107CC	PTS	1	6	0.268
	13		5SL6 C13 1P+N	5SL65137CC	PTS	1	6	0.268
	16		5SL6 C16 1P+N	5SL65167CC	PTS	1	6	0.268
	20		5SL6 C20 1P+N	5SL65207CC	PTS	1	6	0.268
	25		5SL6 C25 1P+N	5SL65257CC	PTS	1	6	0.268
	32		5SL6 C32 1P+N	5SL65327CC	PTS	1	6	0.268
	40		5SL6 C40 1P+N	5SL65407CC	PTS	1	6	0.312
50	5SL6 C50 1P+N		5SL65507CC	PTO	1	6	0.312	
63	5SL6 C63 1P+N	5SL65637CC	PTS	1	6	0.312		
	2P, 400VAC							
	0.3	2	5SL6 C0.3 2P	5SL62147CC	PTO	1	6	0.268
	0.5		5SL6 C0.5 2P	5SL62057CC	PTS	1	6	0.268
	1		5SL6 C1 2P	5SL62017CC	PTS	1	6	0.268
	1.6		5SL6 C1.6 2P	5SL62157CC	PTO	1	6	0.268
	2		5SL6 C2 2P	5SL62027CC	PTS	1	6	0.268
	3		5SL6 C3 2P	5SL62037CC	PTS	1	6	0.268
	4		5SL6 C4 2P	5SL62047CC	PTS	1	6	0.268
	6		5SL6 C6 2P	5SL62067CC	PTS	1	6	0.268
	8		5SL6 C8 2P	5SL62087CC	PTS	1	6	0.268
	10		5SL6 C10 2P	5SL62107CC	PTS	1	6	0.268
	13		5SL6 C13 2P	5SL62137CC	PTS	1	6	0.268
	16		5SL6 C16 2P	5SL62167CC	PTS	1	6	0.268
	20		5SL6 C20 2P	5SL62207CC	PTS	1	6	0.268
	25		5SL6 C25 2P	5SL62257CC	PTS	1	6	0.268
	32		5SL6 C32 2P	5SL62327CC	PTS	1	6	0.268
	40		5SL6 C40 2P	5SL62407CC	PTS	1	6	0.312
50	5SL6 C50 2P		5SL62507CC	PTS	1	6	0.312	
63	5SL6 C63 2P	5SL62637CC	PTS	1	6	0.312		



5SL Miniature Circuit Breaker

5SL6 6000A

Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	3P,400VAC							
	0.3	3	5SL6 C0.3 3P	5SL63147CC	PTO	1	4	0.402
	0.5		5SL6 C0.5 3P	5SL63057CC	PTS	1	4	0.402
	1		5SL6 C1 3P	5SL63017CC	PTS	1	4	0.402
	1.6		5SL6 C1.6 3P	5SL63157CC	PTS	1	4	0.402
	2		5SL6 C2 3P	5SL63027CC	PTS	1	4	0.402
	3		5SL6 C3 3P	5SL63037CC	PTS	1	4	0.402
	4		5SL6 C4 3P	5SL63047CC	PTS	1	4	0.402
	6		5SL6 C6 3P	5SL63067CC	PTS	1	4	0.402
	8		5SL6 C8 3P	5SL63087CC	PTS	1	4	0.402
	10		5SL6 C10 3P	5SL63107CC	PTS	1	4	0.402
	13		5SL6 C13 3P	5SL63137CC	PTS	1	4	0.402
	16		5SL6 C16 3P	5SL63167CC	PTS	1	4	0.402
	20		5SL6 C20 3P	5SL63207CC	PTS	1	4	0.402
	25		5SL6 C25 3P	5SL63257CC	PTS	1	4	0.402
	32		5SL6 C32 3P	5SL63327CC	PTS	1	4	0.402
40	5SL6 C40 3P		5SL63407CC	PTS	1	4	0.468	
50	5SL6 C50 3P	5SL63507CC	PTS	1	4	0.468		
63	5SL6 C63 3P	5SL63637CC	PTS	1	4	0.468		
	3P+N,400VAC							
	0.3	4	5SL6 C0.3 3P+N	5SL66147CC	PTO	1	3	0.624
	0.5		5SL6 C0.5 3P+N	5SL66057CC	PTO	1	3	0.624
	1		5SL6 C1 3P+N	5SL66017CC	PTO	1	3	0.624
	1.6		5SL6 C1.6 3P+N	5SL66157CC	PTO	1	3	0.624
	2		5SL6 C2 3P+N	5SL66027CC	PTO	1	3	0.624
	3		5SL6 C3 3P+N	5SL66037CC	PTO	1	3	0.624
	4		5SL6 C4 3P+N	5SL66047CC	PTS	1	3	0.624
	6		5SL6 C6 3P+N	5SL66067CC	PTO	1	3	0.624
	8		5SL6 C8 3P+N	5SL66087CC	PTO	1	3	0.624
	10		5SL6 C10 3P+N	5SL66107CC	PTS	1	3	0.624
	13		5SL6 C13 3P+N	5SL66137CC	PTO	1	3	0.624
	16		5SL6 C16 3P+N	5SL66167CC	PTS	1	3	0.624
	20		5SL6 C20 3P+N	5SL66207CC	PTS	1	3	0.624
	25		5SL6 C25 3P+N	5SL66257CC	PTS	1	3	0.624
	32		5SL6 C32 3P+N	5SL66327CC	PTS	1	3	0.624
40	5SL6 C40 3P+N		5SL66407CC	PTS	1	3	0.624	
50	5SL6 C50 3P+N	5SL66507CC	PTS	1	3	0.624		
63	5SL6 C63 3P+N	5SL66637CC	PTS	1	3	0.624		



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	4P, 400VAC							
	0.3	4	5SL6 C0.3 4P	5SL64147CC	PTS	1	3	0.536
	0.5		5SL6 C0.5 4P	5SL64057CC	PTO	1	3	0.536
	1		5SL6 C1 4P	5SL64017CC	PTS	1	3	0.536
	1.6		5SL6 C1.6 4P	5SL64157CC	PTO	1	3	0.536
	2		5SL6 C2 4P	5SL64027CC	PTO	1	3	0.536
	3		5SL6 C3 4P	5SL64037CC	PTS	1	3	0.536
	4		5SL6 C4 4P	5SL64047CC	PTS	1	3	0.536
	6		5SL6 C6 4P	5SL64067CC	PTS	1	3	0.536
	8		5SL6 C8 4P	5SL64087CC	PTO	1	3	0.536
	10		5SL6 C10 4P	5SL64107CC	PTS	1	3	0.536
	13		5SL6 C13 4P	5SL64137CC	PTO	1	3	0.536
	16		5SL6 C16 4P	5SL64167CC	PTS	1	3	0.536
	20		5SL6 C20 4P	5SL64207CC	PTS	1	3	0.536
	25		5SL6 C25 4P	5SL64257CC	PTS	1	3	0.536
	32		5SL6 C32 4P	5SL64327CC	PTS	1	3	0.536
	40		5SL6 C40 4P	5SL64407CC	PTS	1	3	0.624
50	5SL6 C50 4P		5SL64507CC	PTS	1	3	0.624	
63	5SL6 C63 4P	5SL64637CC	PTS	1	3	0.624		
	MCBs 6000A							
	1P, 230/400VAC							
	0.3	1	5SL6 D0.3 1P	5SL61148CC	PTO	1	12	0.134
	0.5		5SL6 D0.5 1P	5SL61058CC	PTO	1	12	0.134
	1		5SL6 D1 1P	5SL61018CC	PTS	1	12	0.134
	1.6		5SL6 D1.6 1P	5SL61158CC	PTS	1	12	0.134
	2		5SL6 D2 1P	5SL61028CC	PTS	1	12	0.134
	3		5SL6 D3 1P	5SL61038CC	PTS	1	12	0.134
	4		5SL6 D4 1P	5SL61048CC	PTS	1	12	0.134
	6		5SL6 D6 1P	5SL61068CC	PTS	1	12	0.134
	8		5SL6 D8 1P	5SL61088CC	PTS	1	12	0.134
	10		5SL6 D10 1P	5SL61108CC	PTS	1	12	0.134
	13		5SL6 D13 1P	5SL61138CC	PTO	1	12	0.134
	16		5SL6 D16 1P	5SL61168CC	PTS	1	12	0.134
	20		5SL6 D20 1P	5SL61208CC	PTS	1	12	0.134
	25		5SL6 D25 1P	5SL61258CC	PTS	1	12	0.134
	32		5SL6 D32 1P	5SL61328CC	PTS	1	12	0.134
40	5SL6 D40 1P		5SL61408CC	PTS	1	12	0.156	
50	5SL6 D50 1P		5SL61508CC	PTS	1	12	0.156	
63	5SL6 D63 1P	5SL61638CC	PTS	1	12	0.156		

5SL Miniature Circuit Breaker

5SL6 6000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	1P+N,230VAC							
	0.3	2	5SL6 D0.3 1P+N	5SL65148CC	PTO	1	6	0.268
	0.5		5SL6 D0.5 1P+N	5SL65058CC	PTO	1	6	0.268
	1		5SL6 D1 1P+N	5SL65018CC	PTS	1	6	0.268
	1.6		5SL6 D1.6 1P+N	5SL65158CC	PTO	1	6	0.268
	2		5SL6 D2 1P+N	5SL65028CC	PTS	1	6	0.268
	3		5SL6 D3 1P+N	5SL65038CC	PTS	1	6	0.268
	4		5SL6 D4 1P+N	5SL65048CC	PTS	1	6	0.268
	6		5SL6 D6 1P+N	5SL65068CC	PTS	1	6	0.268
	8		5SL6 D8 1P+N	5SL65088CC	PTS	1	6	0.268
	10		5SL6 D10 1P+N	5SL65108CC	PTS	1	6	0.268
	13		5SL6 D13 1P+N	5SL65138CC	PTO	1	6	0.268
	16		5SL6 D16 1P+N	5SL65168CC	PTS	1	6	0.268
	20		5SL6 D20 1P+N	5SL65208CC	PTS	1	6	0.268
	25		5SL6 D25 1P+N	5SL65258CC	PTS	1	6	0.268
	32		5SL6 D32 1P+N	5SL65328CC	PTO	1	6	0.268
40		5SL6 D40 1P+N	5SL65408CC	PTO	1	6	0.312	
50		5SL6 D50 1P+N	5SL65508CC	PTO	1	6	0.312	
63		5SL6 D63 1P+N	5SL65638CC	PTO	1	6	0.312	
	2P,400VAC							
	0.3	2	5SL6 D0.3 2P	5SL62148CC	PTS	1	6	0.268
	0.5		5SL6 D0.5 2P	5SL62058CC	PTS	1	6	0.268
	1		5SL6 D1 2P	5SL62018CC	PTS	1	6	0.268
	1.6		5SL6 D1.6 2P	5SL62158CC	PTS	1	6	0.268
	2		5SL6 D2 2P	5SL62028CC	PTS	1	6	0.268
	3		5SL6 D3 2P	5SL62038CC	PTS	1	6	0.268
	4		5SL6 D4 2P	5SL62048CC	PTS	1	6	0.268
	6		5SL6 D6 2P	5SL62068CC	PTS	1	6	0.268
	8		5SL6 D8 2P	5SL62088CC	PTS	1	6	0.268
	10		5SL6 D10 2P	5SL62108CC	PTS	1	6	0.268
	13		5SL6 D13 2P	5SL62138CC	PTS	1	6	0.268
	16		5SL6 D16 2P	5SL62168CC	PTS	1	6	0.268
	20		5SL6 D20 2P	5SL62208CC	PTS	1	6	0.268
	25		5SL6 D25 2P	5SL62258CC	PTS	1	6	0.268
	32		5SL6 D32 2P	5SL62328CC	PTS	1	6	0.268
40		5SL6 D40 2P	5SL62408CC	PTS	1	6	0.312	
50		5SL6 D50 2P	5SL62508CC	PTS	1	6	0.312	
63		5SL6 D63 2P	5SL62638CC	PTS	1	6	0.312	

5SL Miniature Circuit Breaker

5SL6 6000A


Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	3P,400VAC							
	0.3	3	5SL6 D0.3 3P	5SL63148CC	PTO	1	4	0.402
	0.5		5SL6 D0.5 3P	5SL63058CC	PTS	1	4	0.402
	1		5SL6 D1 3P	5SL63018CC	PTS	1	4	0.402
	1.6		5SL6 D1.6 3P	5SL63158CC	PTS	1	4	0.402
	2		5SL6 D2 3P	5SL63028CC	PTS	1	4	0.402
	3		5SL6 D3 3P	5SL63038CC	PTS	1	4	0.402
	4		5SL6 D4 3P	5SL63048CC	PTS	1	4	0.402
	6		5SL6 D6 3P	5SL63068CC	PTS	1	4	0.402
	8		5SL6 D8 3P	5SL63088CC	PTS	1	4	0.402
	10		5SL6 D10 3P	5SL63108CC	PTS	1	4	0.402
	13		5SL6 D13 3P	5SL63138CC	PTS	1	4	0.402
	16		5SL6 D16 3P	5SL63168CC	PTS	1	4	0.402
	20		5SL6 D20 3P	5SL63208CC	PTS	1	4	0.402
	25		5SL6 D25 3P	5SL63258CC	PTS	1	4	0.402
	32		5SL6 D32 3P	5SL63328CC	PTS	1	4	0.402
40	5SL6 D40 3P		5SL63408CC	PTS	1	4	0.468	
50	5SL6 D50 3P	5SL63508CC	PTS	1	4	0.468		
63	5SL6 D63 3P	5SL63638CC	PTS	1	4	0.468		
	3P+N,400VAC							
	0.3	4	5SL6 D0.3 3P+N	5SL66148CC	PTO	1	3	0.624
	0.5		5SL6 D0.5 3P+N	5SL66058CC	PTO	1	3	0.624
	1		5SL6 D1 3P+N	5SL66018CC	PTO	1	3	0.624
	1.6		5SL6 D1.6 3P+N	5SL66158CC	PTO	1	3	0.624
	2		5SL6 D2 3P+N	5SL66028CC	PTO	1	3	0.624
	3		5SL6 D3 3P+N	5SL66038CC	PTO	1	3	0.624
	4		5SL6 D4 3P+N	5SL66048CC	PTO	1	3	0.624
	6		5SL6 D6 3P+N	5SL66068CC	PTS	1	3	0.624
	8		5SL6 D8 3P+N	5SL66088CC	PTO	1	3	0.624
	10		5SL6 D10 3P+N	5SL66108CC	PTS	1	3	0.624
	13		5SL6 D13 3P+N	5SL66138CC	PTO	1	3	0.624
	16		5SL6 D16 3P+N	5SL66168CC	PTS	1	3	0.624
	20		5SL6 D20 3P+N	5SL66208CC	PTS	1	3	0.624
	25		5SL6 D25 3P+N	5SL66258CC	PTS	1	3	0.624
	32		5SL6 D32 3P+N	5SL66328CC	PTS	1	3	0.624
40	5SL6 D40 3P+N		5SL66408CC	PTS	1	3	0.624	
50	5SL6 D50 3P+N	5SL66508CC	PTS	1	3	0.624		
63	5SL6 D63 3P+N	5SL66638CC	PTS	1	3	0.624		

5SL Miniature Circuit Breaker

5SL6 6000A

Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	4P,400VAC							
	0.3	4	5SL6 D0.3 4P	5SL64148CC	PTO	1	3	0.536
	0.5		5SL6 D0.5 4P	5SL64058CC	PTO	1	3	0.536
	1		5SL6 D1 4P	5SL64018CC	PTO	1	3	0.536
	1.6		5SL6 D1.6 4P	5SL64158CC	PTO	1	3	0.536
	2		5SL6 D2 4P	5SL64028CC	PTO	1	3	0.536
	3		5SL6 D3 4P	5SL64038CC	PTO	1	3	0.536
	4		5SL6 D4 4P	5SL64048CC	PTO	1	3	0.536
	6		5SL6 D6 4P	5SL64068CC	PTS	1	3	0.536
	8		5SL6 D8 4P	5SL64088CC	PTS	1	3	0.536
	10		5SL6 D10 4P	5SL64108CC	PTS	1	3	0.536
	13		5SL6 D13 4P	5SL64138CC	PTS	1	3	0.536
	16		5SL6 D16 4P	5SL64168CC	PTS	1	3	0.536
	20		5SL6 D20 4P	5SL64208CC	PTS	1	3	0.536
	25		5SL6 D25 4P	5SL64258CC	PTS	1	3	0.536
	32		5SL6 D32 4P	5SL64328CC	PTS	1	3	0.536
	40		5SL6 D40 4P	5SL64408CC	PTS	1	3	0.624
	50		5SL6 D50 4P	5SL64508CC	PTS	1	3	0.624
	63		5SL6 D63 4P	5SL64638CC	PTS	1	3	0.624

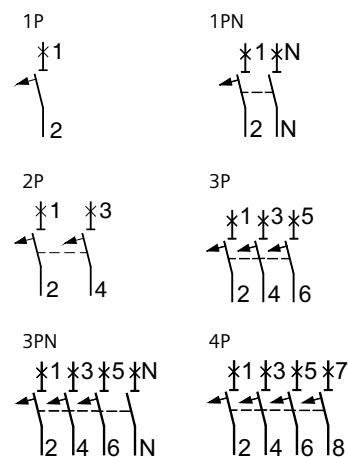
Technical specification

Type	5SL4
Standard	IEC/EN60898-1
Rated voltage Un	230/400VAC
Rated current In	0.3~63A
Breaking capacity	
Icn according to IEC60898-1	10kA
Insulation coordination	250/440VAC
Overvoltage Category	III
Pollution degree	2
Touch protection	Yes
Main switch characteristics	Yes
Handle end position, sealable	Yes
Degree of protection	Directly installed IP20 Put into distribution box IP40
Conductor cross section	Solid and stranded 0.75~35 Finely stranded, with end sleeve 0.75~25
Torque	2.5...3Nm 22-26lb.in
Installation	
Connection	
AC	Any
DC	Any
Mounting position	Any
Mechanical service life	20000
Electrical service life	10000
Storage temperature	-40~+75
Ambient temperature	-25~+55, max 95% humidity
Shock	150, at 10ms half sine
Resistance to vibration	broad-band noise at 0,79g, 5~150Hz, , shock 5g, 30ms.



Certification: CCC, CE




Wiring:



5SL Miniature Circuit Breaker

5SL4 1000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
MCBs 1000A								
	1P, 230/400VAC							
	1	1	5SL4 B1 1P	5SL41016CC	PTS	1	12	0.156
	2		5SL4 B2 1P	5SL41026CC	PTS	1	12	0.156
	3		5SL4 B3 1P	5SL41036CC	PTS	1	12	0.156
	4		5SL4 B4 1P	5SL41046CC	PTS	1	12	0.156
	6		5SL4 B6 1P	5SL41066CC	PTS	1	12	0.156
	10		5SL4 B10 1P	5SL41106CC	PTS	1	12	0.156
	16		5SL4 B16 1P	5SL41166CC	PTS	1	12	0.156
	20		5SL4 B20 1P	5SL41206CC	PTS	1	12	0.156
	25		5SL4 B25 1P	5SL41256CC	PTS	1	12	0.156
	32		5SL4 B32 1P	5SL41326CC	PTS	1	12	0.156
	40		5SL4 B40 1P	5SL41406CC	PTS	1	12	0.156
	50		5SL4 B50 1P	5SL41506CC	PTS	1	12	0.156
63	5SL4 B63 1P		5SL41636CC	PTS	1	12	0.156	
	2P, 400VAC							
	1	2	5SL4 B1 2P	5SL42016CC	PTS	1	6	0.312
	2		5SL4 B2 2P	5SL42026CC	PTS	1	6	0.312
	3		5SL4 B3 2P	5SL42036CC	PTS	1	6	0.312
	4		5SL4 B4 2P	5SL42046CC	PTS	1	6	0.312
	6		5SL4 B6 2P	5SL42066CC	PTS	1	6	0.312
	10		5SL4 B10 2P	5SL42106CC	PTS	1	6	0.312
	16		5SL4 B16 2P	5SL42166CC	PTS	1	6	0.312
	20		5SL4 B20 2P	5SL42206CC	PTS	1	6	0.312
	25		5SL4 B25 2P	5SL42256CC	PTS	1	6	0.312
	32		5SL4 B32 2P	5SL42326CC	PTS	1	6	0.312
	40		5SL4 B40 2P	5SL42406CC	PTS	1	6	0.312
	50		5SL4 B50 2P	5SL42506CC	PTS	1	6	0.312
63	5SL4 B63 2P		5SL42636CC	PTS	1	6	0.312	
	3P, 400VAC							
	1	3	5SL4 B1 3P	5SL43016CC	PTS	1	4	0.468
	2		5SL4 B2 3P	5SL43026CC	PTS	1	4	0.468
	3		5SL4 B3 3P	5SL43036CC	PTS	1	4	0.468
	4		5SL4 B4 3P	5SL43046CC	PTS	1	4	0.468
	6		5SL4 B6 3P	5SL43066CC	PTS	1	4	0.468
	10		5SL4 B10 3P	5SL43106CC	PTS	1	4	0.468
	16		5SL4 B16 3P	5SL43166CC	PTS	1	4	0.468
	20		5SL4 B20 3P	5SL43206CC	PTS	1	4	0.468
	25		5SL4 B25 3P	5SL43256CC	PTS	1	4	0.468
	32		5SL4 B32 3P	5SL43326CC	PTS	1	4	0.468
	40		5SL4 B40 3P	5SL43406CC	PTS	1	4	0.468
	50		5SL4 B50 3P	5SL43506CC	PTS	1	4	0.468
63	5SL4 B63 3P		5SL43636CC	PTS	1	4	0.468	

5SL Miniature Circuit Breaker

5SL4 10000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg	
	4P,400VAC								
	1	4	5SL4 B1 4P	5SL44016CC	PTS	1	3	0.624	
	2		5SL4 B2 4P	5SL44026CC	PTS	1	3	0.624	
	3		5SL4 B3 4P	5SL44036CC	PTS	1	3	0.624	
	4		5SL4 B4 4P	5SL44046CC	PTS	1	3	0.624	
	6		5SL4 B6 4P	5SL44066CC	PTS	1	3	0.624	
	10		5SL4 B10 4P	5SL44106CC	PTS	1	3	0.624	
	16		5SL4 B16 4P	5SL44166CC	PTS	1	3	0.624	
	20		5SL4 B20 4P	5SL44206CC	PTS	1	3	0.624	
	25		5SL4 B25 4P	5SL44256CC	PTS	1	3	0.624	
	32		5SL4 B32 4P	5SL44326CC	PTS	1	3	0.624	
	40		5SL4 B40 4P	5SL44406CC	PTS	1	3	0.624	
	50		5SL4 B50 4P	5SL44506CC	PTS	1	3	0.624	
	63		5SL4 B63 4P	5SL44636CC	PTS	1	3	0.624	
			MCBs 10000A						
1P, 230/400VAC									
0.3		1	5SL4 C0.3 1P	5SL41147CC	PTO	1	12	0.156	
0.5			5SL4 C0.5 1P	5SL41057CC	PTO	1	12	0.156	
1			5SL4 C1 1P	5SL41017CC	PTS	1	12	0.156	
1.6			5SL4 C1.6 1P	5SL41157CC	PTO	1	12	0.156	
2			5SL4 C2 1P	5SL41027CC	PTS	1	12	0.156	
3			5SL4 C3 1P	5SL41037CC	PTS	1	12	0.156	
4			5SL4 C4 1P	5SL41047CC	PTS	1	12	0.156	
6			5SL4 C6 1P	5SL41067CC	PTS	1	12	0.156	
8			5SL4 C8 1P	5SL41087CC	PTS	1	12	0.156	
10			5SL4 C10 1P	5SL41107CC	PTS	1	12	0.156	
13			5SL4 C13 1P	5SL41137CC	PTO	1	12	0.156	
16			5SL4 C16 1P	5SL41167CC	PTS	1	12	0.156	
20			5SL4 C20 1P	5SL41207CC	PTS	1	12	0.156	
25			5SL4 C25 1P	5SL41257CC	PTS	1	12	0.156	
32			5SL4 C32 1P	5SL41327CC	PTS	1	12	0.156	
40			5SL4 C40 1P	5SL41407CC	PTS	1	12	0.156	
50			5SL4 C50 1P	5SL41507CC	PTO	1	12	0.156	
63			5SL4 C63 1P	5SL41637CC	PTO	1	12	0.156	

5SL Miniature Circuit Breaker

5SL4 1000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	1P+N, 230VAC							
	0.3	2	5SL4 C0.3 1P+N	5SL45147CC	PTO	1	6	0.312
	0.5		5SL4 C0.5 1P+N	5SL45057CC	PTO	1	6	0.312
	1		5SL4 C1 1P+N	5SL45017CC	PTO	1	6	0.312
	1.6		5SL4 C1.6 1P+N	5SL45157CC	PTO	1	6	0.312
	2		5SL4 C2 1P+N	5SL45027CC	PTS	1	6	0.312
	3		5SL4 C3 1P+N	5SL45037CC	PTO	1	6	0.312
	4		5SL4 C4 1P+N	5SL45047CC	PTO	1	6	0.312
	6		5SL4 C6 1P+N	5SL45067CC	PTS	1	6	0.312
	8		5SL4 C8 1P+N	5SL45087CC	PTO	1	6	0.312
	10		5SL4 C10 1P+N	5SL45107CC	PTS	1	6	0.312
	13		5SL4 C13 1P+N	5SL45137CC	PTO	1	6	0.312
	16		5SL4 C16 1P+N	5SL45167CC	PTS	1	6	0.312
	20		5SL4 C20 1P+N	5SL45207CC	PTO	1	6	0.312
	25		5SL4 C25 1P+N	5SL45257CC	PTO	1	6	0.312
	32		5SL4 C32 1P+N	5SL45327CC	PTO	1	6	0.312
40	5SL4 C40 1P+N		5SL45407CC	PTO	1	6	0.312	
50	5SL4 C50 1P+N	5SL45507CC	PTO	1	6	0.312		
63	5SL4 C63 1P+N	5SL45637CC	PTO	1	6	0.312		
	2P, 400VAC							
	0.3	2	5SL4 C0.3 2P	5SL42147CC	PTO	1	6	0.312
	0.5		5SL4 C0.5 2P	5SL42057CC	PTO	1	6	0.312
	1		5SL4 C1 2P	5SL42017CC	PTS	1	6	0.312
	1.6		5SL4 C1.6 2P	5SL42157CC	PTO	1	6	0.312
	2		5SL4 C2 2P	5SL42027CC	PTS	1	6	0.312
	3		5SL4 C3 2P	5SL42037CC	PTS	1	6	0.312
	4		5SL4 C4 2P	5SL42047CC	PTS	1	6	0.312
	6		5SL4 C6 2P	5SL42067CC	PTS	1	6	0.312
	8		5SL4 C8 2P	5SL42087CC	PTS	1	6	0.312
	10		5SL4 C10 2P	5SL42107CC	PTS	1	6	0.312
	13		5SL4 C13 2P	5SL42137CC	PTS	1	6	0.312
	16		5SL4 C16 2P	5SL42167CC	PTS	1	6	0.312
	20		5SL4 C20 2P	5SL42207CC	PTS	1	6	0.312
	25		5SL4 C25 2P	5SL42257CC	PTS	1	6	0.312
	32		5SL4 C32 2P	5SL42327CC	PTS	1	6	0.312
40	5SL4 C40 2P		5SL42407CC	PTS	1	6	0.312	
50	5SL4 C50 2P	5SL42507CC	PTS	1	6	0.312		
63	5SL4 C63 2P	5SL42637CC	PTS	1	6	0.312		

5SL Miniature Circuit Breaker

5SL4 10000A



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	3P,400VAC							
	0.3	3	5SL4 C0.3 3P	5SL43147CC	PTO	1	4	0.468
	0.5		5SL4 C0.5 3P	5SL43057CC	PTO	1	4	0.468
	1		5SL4 C1 3P	5SL43017CC	PTO	1	4	0.468
	1.6		5SL4 C1.6 3P	5SL43157CC	PTO	1	4	0.468
	2		5SL4 C2 3P	5SL43027CC	PTS	1	4	0.468
	3		5SL4 C3 3P	5SL43037CC	PTS	1	4	0.468
	4		5SL4 C4 3P	5SL43047CC	PTS	1	4	0.468
	6		5SL4 C6 3P	5SL43067CC	PTS	1	4	0.468
	8		5SL4 C8 3P	5SL43087CC	PTS	1	4	0.468
	10		5SL4 C10 3P	5SL43107CC	PTS	1	4	0.468
	13		5SL4 C13 3P	5SL43137CC	PTS	1	4	0.468
	16		5SL4 C16 3P	5SL43167CC	PTS	1	4	0.468
	20		5SL4 C20 3P	5SL43207CC	PTS	1	4	0.468
	25		5SL4 C25 3P	5SL43257CC	PTS	1	4	0.468
	32		5SL4 C32 3P	5SL43327CC	PTS	1	4	0.468
40	5SL4 C40 3P		5SL43407CC	PTS	1	4	0.468	
50	5SL4 C50 3P	5SL43507CC	PTS	1	4	0.468		
63	5SL4 C63 3P	5SL43637CC	PTS	1	4	0.468		
	3P+N,400VAC							
	0.3	4	5SL4 C0.3 3P+N	5SL46147CC	PTO	1	3	0.624
	0.5		5SL4 C0.5 3P+N	5SL46057CC	PTO	1	3	0.624
	1		5SL4 C1 3P+N	5SL46017CC	PTO	1	3	0.624
	1.6		5SL4 C1.6 3P+N	5SL46157CC	PTO	1	3	0.624
	2		5SL4 C2 3P+N	5SL46027CC	PTO	1	3	0.624
	3		5SL4 C3 3P+N	5SL46037CC	PTO	1	3	0.624
	4		5SL4 C4 3P+N	5SL46047CC	PTO	1	3	0.624
	6		5SL4 C6 3P+N	5SL46067CC	PTO	1	3	0.624
	8		5SL4 C8 3P+N	5SL46087CC	PTO	1	3	0.624
	10		5SL4 C10 3P+N	5SL46107CC	PTO	1	3	0.624
	13		5SL4 C13 3P+N	5SL46137CC	PTO	1	3	0.624
	16		5SL4 C16 3P+N	5SL46167CC	PTO	1	3	0.624
	20		5SL4 C20 3P+N	5SL46207CC	PTO	1	3	0.624
	25		5SL4 C25 3P+N	5SL46257CC	PTO	1	3	0.624
	32		5SL4 C32 3P+N	5SL46327CC	PTO	1	3	0.624
40	5SL4 C40 3P+N		5SL46407CC	PTO	1	3	0.624	
50	5SL4 C50 3P+N	5SL46507CC	PTO	1	3	0.624		
63	5SL4 C63 3P+N	5SL46637CC	PTO	1	3	0.624		



5SL Miniature Circuit Breaker

5SL4 1000A

Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	4P,400VAC							
	0.3	4	5SL4 C0.3 4P	5SL44147CC	PTO	1	3	0.624
	0.5		5SL4 C0.5 4P	5SL44057CC	PTO	1	3	0.624
	1		5SL4 C1 4P	5SL44017CC	PTO	1	3	0.624
	1.6		5SL4 C1.6 4P	5SL44157CC	PTO	1	3	0.624
	2		5SL4 C2 4P	5SL44027CC	PTO	1	3	0.624
	3		5SL4 C3 4P	5SL44037CC	PTO	1	3	0.624
	4		5SL4 C4 4P	5SL44047CC	PTO	1	3	0.624
	6		5SL4 C6 4P	5SL44067CC	PTO	1	3	0.624
	8		5SL4 C8 4P	5SL44087CC	PTO	1	3	0.624
	10		5SL4 C10 4P	5SL44107CC	PTO	1	3	0.624
	13		5SL4 C13 4P	5SL44137CC	PTO	1	3	0.624
	16		5SL4 C16 4P	5SL44167CC	PTS	1	3	0.624
	20		5SL4 C20 4P	5SL44207CC	PTS	1	3	0.624
	25		5SL4 C25 4P	5SL44257CC	PTS	1	3	0.624
	32		5SL4 C32 4P	5SL44327CC	PTS	1	3	0.624
	40		5SL4 C40 4P	5SL44407CC	PTS	1	3	0.624
50	5SL4 C50 4P		5SL44507CC	PTS	1	3	0.624	
63	5SL4 C63 4P	5SL44637CC	PTS	1	3	0.624		
	MCBs 1000A							
	1P, 230/400VAC							
	0.3	1	5SL4 D0.3 1P	5SL41148CC	PTO	1	12	0.156
	0.5		5SL4 D0.5 1P	5SL41058CC	PTO	1	12	0.156
	1		5SL4 D1 1P	5SL41018CC	PTS	1	12	0.156
	1.6		5SL4 D1.6 1P	5SL41158CC	PTO	1	12	0.156
	2		5SL4 D2 1P	5SL41028CC	PTS	1	12	0.156
	3		5SL4 D3 1P	5SL41038CC	PTS	1	12	0.156
	4		5SL4 D4 1P	5SL41048CC	PTS	1	12	0.156
	6		5SL4 D6 1P	5SL41068CC	PTS	1	12	0.156
	8		5SL4 D8 1P	5SL41088CC	PTO	1	12	0.156
	10		5SL4 D10 1P	5SL41108CC	PTS	1	12	0.156
	13		5SL4 D13 1P	5SL41138CC	PTO	1	12	0.156
	16		5SL4 D16 1P	5SL41168CC	PTS	1	12	0.156
	20		5SL4 D20 1P	5SL41208CC	PTS	1	12	0.156
	25		5SL4 D25 1P	5SL41258CC	PTS	1	12	0.156
	32		5SL4 D32 1P	5SL41328CC	PTS	1	12	0.156
40	5SL4 D40 1P		5SL41408CC	PTO	1	12	0.156	
50	5SL4 D50 1P		5SL41508CC	PTO	1	12	0.156	
63	5SL4 D63 1P	5SL41638CC	PTO	1	12	0.156		



Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	1P+N, 230VAC							
	0.3	2	5SL4 D0.3 1P+N	5SL45148CC	PTO	1	6	0.312
	0.5		5SL4 D0.5 1P+N	5SL45058CC	PTO	1	6	0.312
	1		5SL4 D1 1P+N	5SL45018CC	PTO	1	6	0.312
	1.6		5SL4 D1.6 1P+N	5SL45158CC	PTO	1	6	0.312
	2		5SL4 D2 1P+N	5SL45028CC	PTO	1	6	0.312
	3		5SL4 D3 1P+N	5SL45038CC	PTO	1	6	0.312
	4		5SL4 D4 1P+N	5SL45048CC	PTO	1	6	0.312
	6		5SL4 D6 1P+N	5SL45068CC	PTO	1	6	0.312
	8		5SL4 D8 1P+N	5SL45088CC	PTO	1	6	0.312
	10		5SL4 D10 1P+N	5SL45108CC	PTO	1	6	0.312
	13		5SL4 D13 1P+N	5SL45138CC	PTO	1	6	0.312
	16		5SL4 D16 1P+N	5SL45168CC	PTO	1	6	0.312
	20		5SL4 D20 1P+N	5SL45208CC	PTO	1	6	0.312
	25		5SL4 D25 1P+N	5SL45258CC	PTO	1	6	0.312
	32		5SL4 D32 1P+N	5SL45328CC	PTO	1	6	0.312
40	5SL4 D40 1P+N		5SL45408CC	PTO	1	6	0.312	
50	5SL4 D50 1P+N	5SL45508CC	PTO	1	6	0.312		
63	5SL4 D63 1P+N	5SL45638CC	PTO	1	6	0.312		
	2P, 400VAC							
	0.3	2	5SL4 D0.3 2P	5SL42148CC	PTO	1	6	0.312
	0.5		5SL4 D0.5 2P	5SL42058CC	PTO	1	6	0.312
	1		5SL4 D1 2P	5SL42018CC	PTS	1	6	0.312
	1.6		5SL4 D1.6 2P	5SL42158CC	PTS	1	6	0.312
	2		5SL4 D2 2P	5SL42028CC	PTS	1	6	0.312
	3		5SL4 D3 2P	5SL42038CC	PTS	1	6	0.312
	4		5SL4 D4 2P	5SL42048CC	PTS	1	6	0.312
	6		5SL4 D6 2P	5SL42068CC	PTS	1	6	0.312
	8		5SL4 D8 2P	5SL42088CC	PTS	1	6	0.312
	10		5SL4 D10 2P	5SL42108CC	PTS	1	6	0.312
	13		5SL4 D13 2P	5SL42138CC	PTS	1	6	0.312
	16		5SL4 D16 2P	5SL42168CC	PTS	1	6	0.312
	20		5SL4 D20 2P	5SL42208CC	PTS	1	6	0.312
	25		5SL4 D25 2P	5SL42258CC	PTS	1	6	0.312
	32		5SL4 D32 2P	5SL42328CC	PTS	1	6	0.312
40	5SL4 D40 2P		5SL42408CC	PTS	1	6	0.312	
50	5SL4 D50 2P	5SL42508CC	PTS	1	6	0.312		
63	5SL4 D63 2P	5SL42638CC	PTS	1	6	0.312		

5SL Miniature Circuit Breaker

5SL4 10000A


Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	3P,400VAC							
	0.3	3	5SL4 D0.3 3P	5SL43148CC	PTO	1	4	0.468
	0.5		5SL4 D0.5 3P	5SL43058CC	PTO	1	4	0.468
	1		5SL4 D1 3P	5SL43018CC	PTO	1	4	0.468
	1.6		5SL4 D1.6 3P	5SL43158CC	PTO	1	4	0.468
	2		5SL4 D2 3P	5SL43028CC	PTO	1	4	0.468
	3		5SL4 D3 3P	5SL43038CC	PTO	1	4	0.468
	4		5SL4 D4 3P	5SL43048CC	PTS	1	4	0.468
	6		5SL4 D6 3P	5SL43068CC	PTS	1	4	0.468
	8		5SL4 D8 3P	5SL43088CC	PTS	1	4	0.468
	10		5SL4 D10 3P	5SL43108CC	PTS	1	4	0.468
	13		5SL4 D13 3P	5SL43138CC	PTS	1	4	0.468
	16		5SL4 D16 3P	5SL43168CC	PTS	1	4	0.468
	20		5SL4 D20 3P	5SL43208CC	PTS	1	4	0.468
	25		5SL4 D25 3P	5SL43258CC	PTS	1	4	0.468
	32		5SL4 D32 3P	5SL43328CC	PTS	1	4	0.468
	40		5SL4 D40 3P	5SL43408CC	PTS	1	4	0.468
50	5SL4 D50 3P		5SL43508CC	PTS	1	4	0.468	
63	5SL4 D63 3P	5SL43638CC	PTS	1	4	0.468		
	3P+N,400VAC							
	0.3	4	5SL4 D0.3 3P+N	5SL46148CC	PTO	1	3	0.624
	0.5		5SL4 D0.5 3P+N	5SL46058CC	PTO	1	3	0.624
	1		5SL4 D1 3P+N	5SL46018CC	PTO	1	3	0.624
	1.6		5SL4 D1.6 3P+N	5SL46158CC	PTO	1	3	0.624
	2		5SL4 D2 3P+N	5SL46028CC	PTO	1	3	0.624
	3		5SL4 D3 3P+N	5SL46038CC	PTO	1	3	0.624
	4		5SL4 D4 3P+N	5SL46048CC	PTO	1	3	0.624
	6		5SL4 D6 3P+N	5SL46068CC	PTO	1	3	0.624
	8		5SL4 D8 3P+N	5SL46088CC	PTO	1	3	0.624
	10		5SL4 D10 3P+N	5SL46108CC	PTO	1	3	0.624
	13		5SL4 D13 3P+N	5SL46138CC	PTO	1	3	0.624
	16		5SL4 D16 3P+N	5SL46168CC	PTO	1	3	0.624
	20		5SL4 D20 3P+N	5SL46208CC	PTO	1	3	0.624
	25		5SL4 D25 3P+N	5SL46258CC	PTO	1	3	0.624
	32		5SL4 D32 3P+N	5SL46328CC	PTO	1	3	0.624
	40		5SL4 D40 3P+N	5SL46408CC	PTO	1	3	0.624
50	5SL4 D50 3P+N		5SL46508CC	PTO	1	3	0.624	
63	5SL4 D63 3P+N	5SL46638CC	PTO	1	3	0.624		

5SL Miniature Circuit Breaker

5SL4 10000A

Selection and ordering code

	In (A)	Mounting width (mm)	Type	Ordering code	Stock information	Minimum purchase quantity	Minimum package	Weight kg
	4P,400VAC							
	0.3	4	5SL4 D0.3 4P	5SL44148CC	PTO	1	3	0.624
	0.5		5SL4 D0.5 4P	5SL44058CC	PTO	1	3	0.624
	1		5SL4 D1 4P	5SL44018CC	PTO	1	3	0.624
	1.6		5SL4 D1.6 4P	5SL44158CC	PTO	1	3	0.624
	2		5SL4 D2 4P	5SL44028CC	PTO	1	3	0.624
	3		5SL4 D3 4P	5SL44038CC	PTO	1	3	0.624
	4		5SL4 D4 4P	5SL44048CC	PTO	1	3	0.624
	6		5SL4 D6 4P	5SL44068CC	PTO	1	3	0.624
	8		5SL4 D8 4P	5SL44088CC	PTO	1	3	0.624
	10		5SL4 D10 4P	5SL44108CC	PTO	1	3	0.624
	13		5SL4 D13 4P	5SL44138CC	PTO	1	3	0.624
	16		5SL4 D16 4P	5SL44168CC	PTS	1	3	0.624
	20		5SL4 D20 4P	5SL44208CC	PTS	1	3	0.624
	25		5SL4 D25 4P	5SL44258CC	PTS	1	3	0.624
	32		5SL4 D32 4P	5SL44328CC	PTS	1	3	0.624
	40		5SL4 D40 4P	5SL44408CC	PTS	1	3	0.624
50	5SL4 D50 4P		5SL44508CC	PTO	1	3	0.624	
63	5SL4 D63 4P	5SL44638CC	PTS	1	3	0.624		

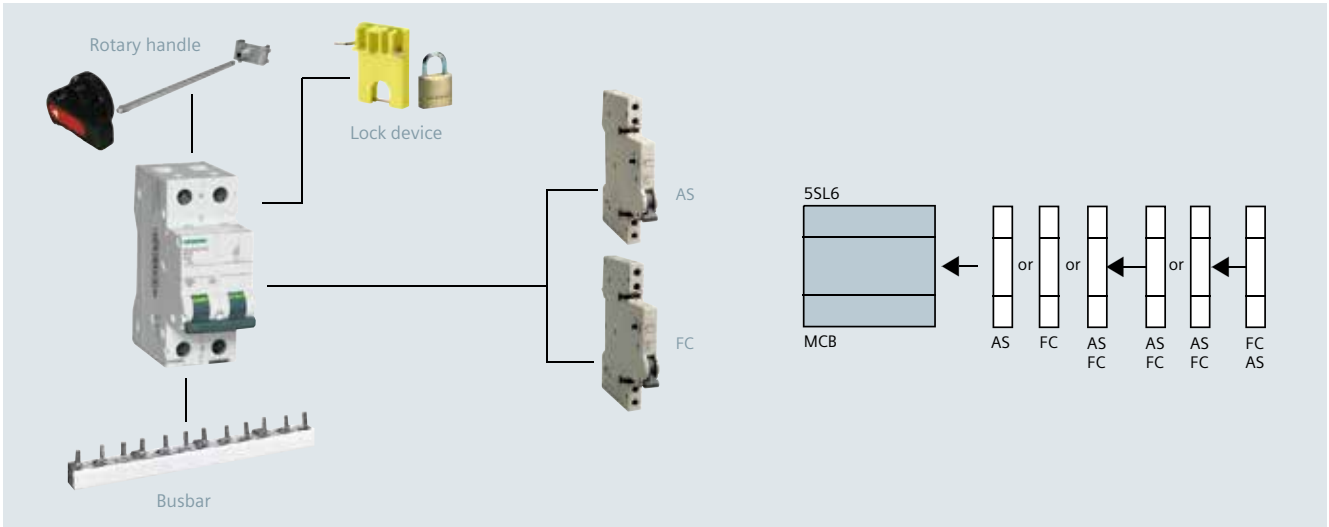
2/2	Accessories
2/3	AS/FC
2/5	Shunt release/Undervoltage release
2/6	5ST37 Busbar and other accessory

5SL Accessories

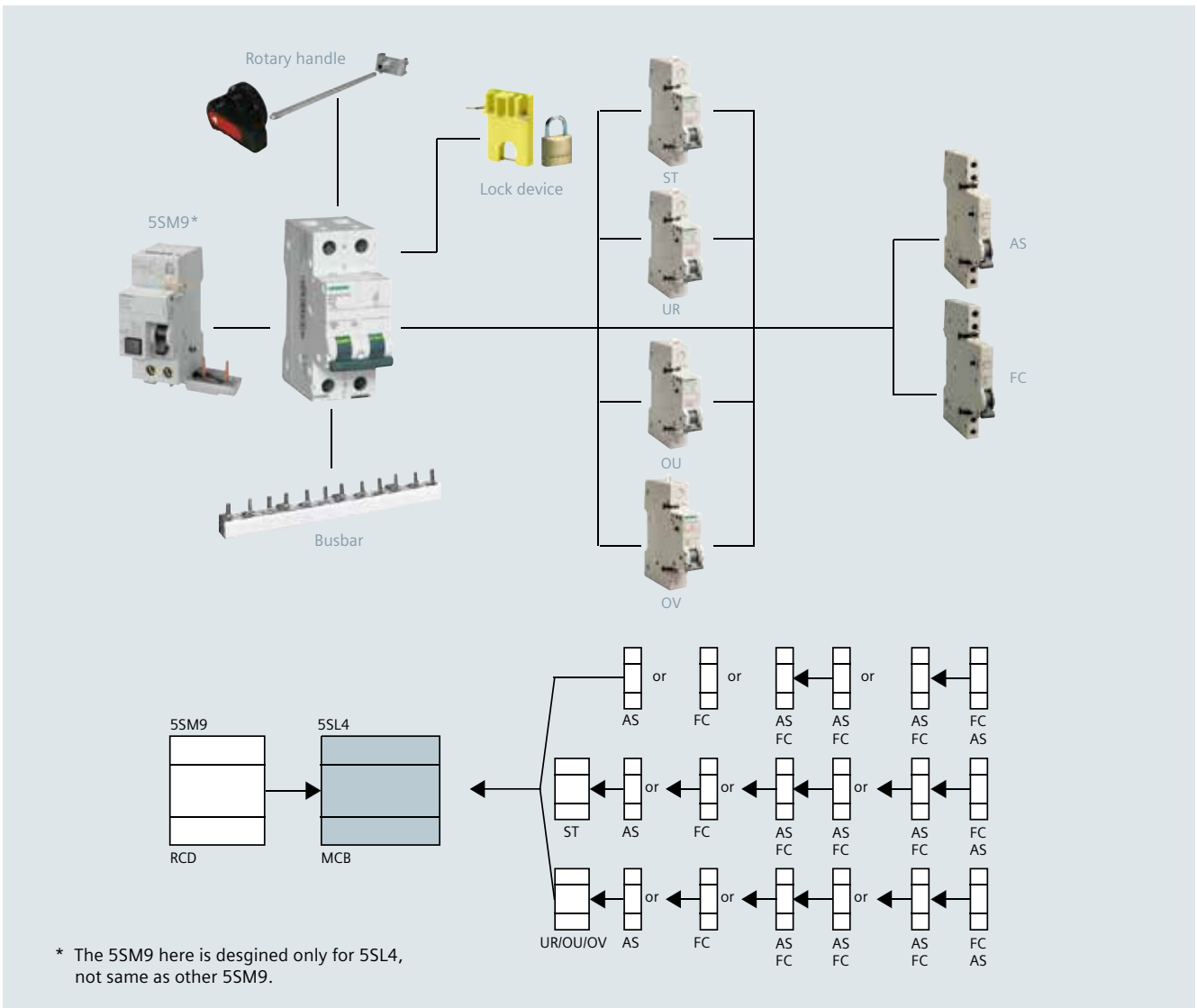
2

Accessories

Combination instruction for 5SL6



Combination instruction for 5SL4



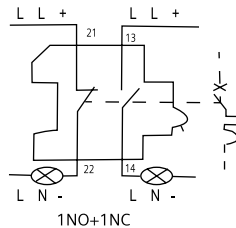
* The 5SM9 here is designed only for 5SL4, not same as other 5SM9.

Auxiliary contact

Function and feature

1. Status of circuit can be indicated by light or sound.
2. Manual operation or trip caused by overload and short circuit will change the status of contact.
3. Two signal circuits are isolated completely.

Wiring in typical application



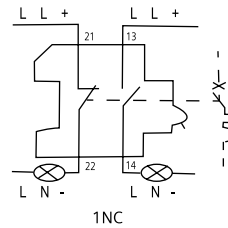
1NO+1NC

Fault signal contact

Function and feature

1. Status of circuit can be indicated by light or sound.
2. Manual operation or trip caused by overload and short circuit will change the status of contact.
3. Two signal circuits are isolated completely.

Wiring in typical application



1NC

Technical specification





		Auxiliary switches (AS)		Fault signal contacts (FC)
		5ST3 010, 5ST3 010-2 5ST3 011, 5ST3 011-2 5ST3 012, 5ST3 012-2	5ST3 013, 5ST3 013-2 5ST3 014, 5ST3 014-2 5ST3 015, 5ST3 015-2	5ST3 020, 5ST3 020-2 5ST3 021, 5ST3 021-2 5ST3 022, 5ST3 022-2
Standards		EN 62019; IEC/EN 60947-5-1; UL 1077; CSA C22.2 No. 235		
Short-circuit protection		Miniature circuit breaker or gG 6 A fuse		
Contact load				
• Min.		50 mA, 24 V	5mA/5V DC	50 mA, 24 V
• Max.		--	50 mA/30 V DC	--
• 400 V AC, AC-14, NO	A	2	--	2
• 230 V AC, AC-14, NO	A	6	--	6
• 400 V AC, AC-13, NC	A	2	--	2
• 230 V AC, AC-13, NC	A	6	--	6
• 220 V DC, DC-13, NO+NC	A	1	--	1
• 110 V DC, DC-13, NO+NC	A	1	--	1
• 60 V DC, DC-13, NO+NC	A	3	--	3
• 24 V DC, DC-13, NO+NC	A	6	--	6
Service life, on average, with rated load		20000 actuations	20000 actuations	20000 actuations
Conductor cross-sections	mm ² AWG	0.5 ... 2.5 22 ... 14	0.5 ... 2.5 22 ... 14	0.5 ... 2.5 22 ... 14
Terminals				
• Terminal tightening torque	Nm lb/in	0.5 4.5	0.5 4.5	0.5 4.5
Mounting position		Any	Any	Any
Ambient temperature	°C	-25 ... +55	-25 ... +55	-25 ... +55
Storage temperature		-40 ... +75	-40 ... +75	-40 ... +75
Resistance to climate	Acc. to IEC 60068-2-30 Cycles	28		
Shock	Acc. to IEC 60068-2-27 m/s	50 at 11 ms half-sine		
Resistance to vibrations	Acc. to IEC 60068-2-6 m/s ²	50 at 10 ... 150 Hz		

5SL Accessories

2

AS/FC

Selection and ordering code

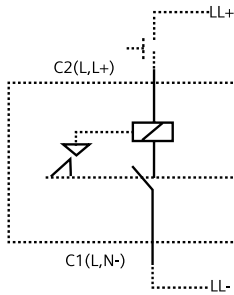
	Mounting width (18mm)	Ordering code	Stock information PTO	Minimum purchase quantity	Minimum purchase package	Weight kg
	Auxiliary switches (AS) For 5SL, 5SY, 5SP miniature circuit breakers, 5SU1 RCBOs and 5TE8 switches					
	1 NO + 1 NC	0.5	5ST3 010-0CC	1	1 unit	0.066
	2 NO		5ST3 011-0CC	1	1 unit	0.055
	2 NC		5ST3 012-0CC	1	1 unit	0.055
	Auxiliary switches (AS) with TEST button For 5SL, 5SY, 5SP miniature circuit breakers, 5SU1 RCBOs and 5TE8 switches					
	1 NO + 1 NC	0.5	5ST3 010-2	1	1 unit	0.045
	For low power		5ST3 013-2	1	1 unit	0.045
	2 NO		5ST3 011-2	1	1 unit	0.045
	For low power		5ST3 014-2	1	1 unit	0.045
	2 NC		5ST3 012-2	1	1 unit	0.045
For low power		5ST3 015-2	1	1 unit	0.045	
	Fault signal contacts (FC) For 5SL, 5SY, 5SP miniature circuit breakers and 5SU1 RCBOs					
	1 NO + 1 NC	0.5	5ST3 020-0CC	1	1 unit	0.056
	2 NO		5ST3 021-0CC	1	1 unit	0.056
	2 NC		5ST3 022-0CC	1	1 unit	0.057
	Fault signal contacts (FC) with TEST and ACKNOWLEDGE button For 5SL, 5SY, 5SP miniature circuit breakers and 5SU1 RCBOs					
	1 NO + 1 NC	0.5	5ST3 020-2	1	1 unit	0.050
	2 NO		5ST3 021-2	1	1 unit	0.050
	2 NC		5ST3 022-2	1	1 unit	0.050

Shunt release

Function and feature

1. Getting the trip signal, the shunt release will make the MCB trip.
2. For some kinds of emergency use.

Wiring in typical application

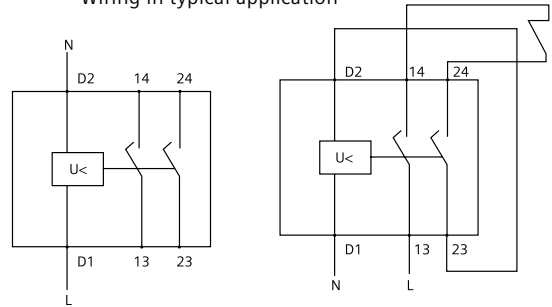


Undervoltage release

Function and feature





1. When the voltage decrease to rated value(35%-70%), it will make the MCB trip.

Wiring in typical application



Wiring of undervoltage release

Wiring of emergent stop

Type		Mounting width (18mm)	Electrical specification	Ordering code	
Shunt release		1	AC 110~415V DC110V	5ST3 030	
			DC24~48V	5ST3 031	
Undervoltage release		With auxiliary contact	1	AC 230V DC 110V DC 24V	5ST3 040 5ST3 041 5ST3 042
		Without auxiliary contact	1	AC 230V DC 110V DC 24V	5ST3 043 5ST3 044 5ST3 045
Overvoltage release		1	AC 230V (Overvoltage 280V ± 5%)	5ST3 815-0CC	
Over/Under voltage release		1	Rated voltage: AC230V, 50/60Hz Range of undervoltage protection: 144V ~ 160V (160 0/-10%V) Range of overvoltage protection: 266V ~ 294V (280 +/-5%V)	5ST3816-0CC	

* The shunt release, undervoltage release, overvoltage release and over/under voltage release not for 5SL6, just for 5SL4 and other Siemens MCB.

5ST37 Busbar and other accessory






Feature

1. Comply with DIN57606 and DIN57659
2. Load of one side/concentrate feedback is 65A/120A
3. One phase and multi phase
4. Insulated protection cover
5. Pin connector
6. Easy connection
7. Connection below 35mm² don't need additional terminal

Application

1. Pin type connection
2. Easy connection
3. Wide range of current and temperature
4. Anti wiring error

Selection and ordering code

	Length(mm)	Description	Ordering code	Weight (kg)	Min. package	
	214	1 phase	5ST3 700-0CC	0.060	25	
		1 phase +AS	5ST3 702-0CC			
		2 phase	5ST3 704-0CC			
		2 phase +AS	5ST3 706-0CC			
		3 phase	5ST3 708-0CC			
		3 phase +AS	5ST3 711-0CC			
		3 × (1 phase +AS)	5ST3 713-0CC			
	4 phase	5ST3 715-0CC	0.150	25		
	1016	no cover:				
		1 phase	5ST3 701-0CC	0.190	50	
		1 phase + AS	5ST3 703-0CC			
		2 phase	5ST3 705-0CC	0.290	20	
		2 phase + AS	5ST3 707-0CC			
		3 phase	5ST3 710-0CC	0.430	20	
3 phase + AS		5ST3 712-0CC				
3 × (1 phase + AS)		5ST3 714-0CC				
4 phase		5ST3 716-0CC	0.700	15		
Cover: one phase		5ST3 748-0CC				
Cover: two phase and three phase	5ST3 750-0CC	0.001	10			
Cover: four phase	5ST3 718-0CC	0.001				
Protection cover for empty termina	5ST3 655		10			
	216	1P+N grey: length 12MW for 1PN compact MCB	5ST3 762			
		1P+N blue	5ST3 763			
	1016	1P+N grey: length 56MW for 1PN compact MCB	5ST3 764			
		1P+N blue	5ST3 765			
		cover grey include two pcs	5ST3 766			
cover blue	5ST3 767					
Extended terminal up to 25mm ²	5ST3 768					
Lock product						
Lock device						
	for miniature circuit breaker 5SY		5ST3 806	0.007	1	
Lock						
	5ST3 806		5ST3 802	0.020	1	
Rotary handle						
	Handle length: 280mm Max. installation depth: 400mm Square of handle: 8 × 8mm For 5SJ/5SP4/5SY/5TE8/5TL		5ST3 814-0CC		1 set	

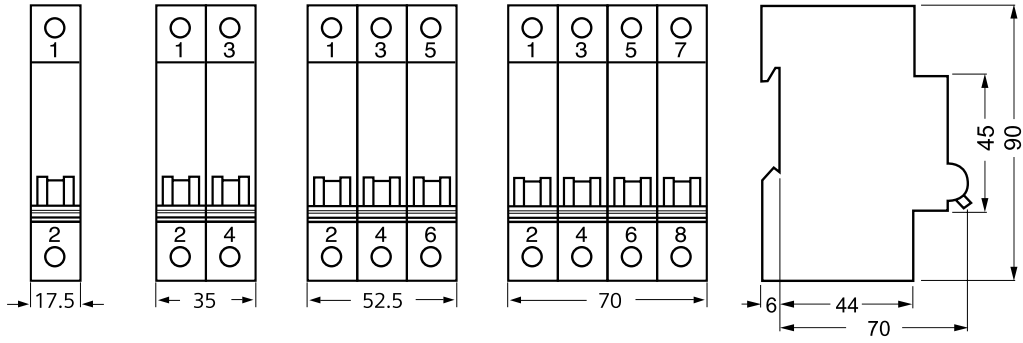
3/2	Appearance dimension
3/3	Tripping curve
3/4	Temperature derating table
3/6	Resistance and power loss
3/7	Highland application
3/8	Storage notice

Data Sheet And Appearance Diemension

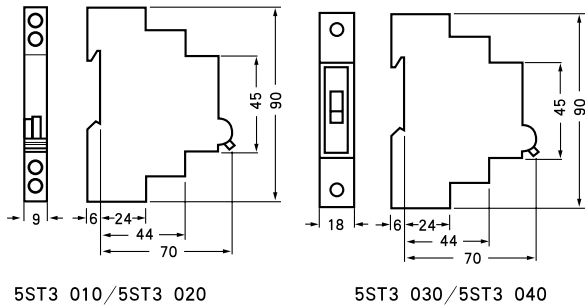
Appearance dimension

5SL series miniature circuit breaker

3



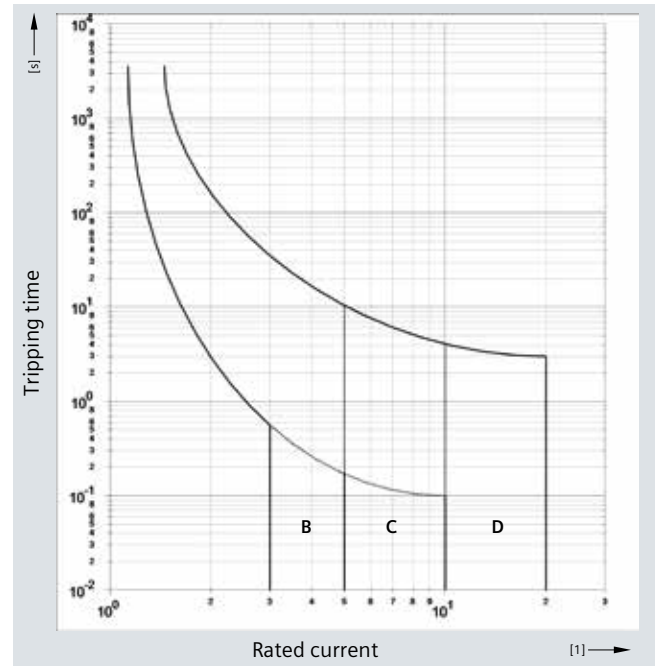
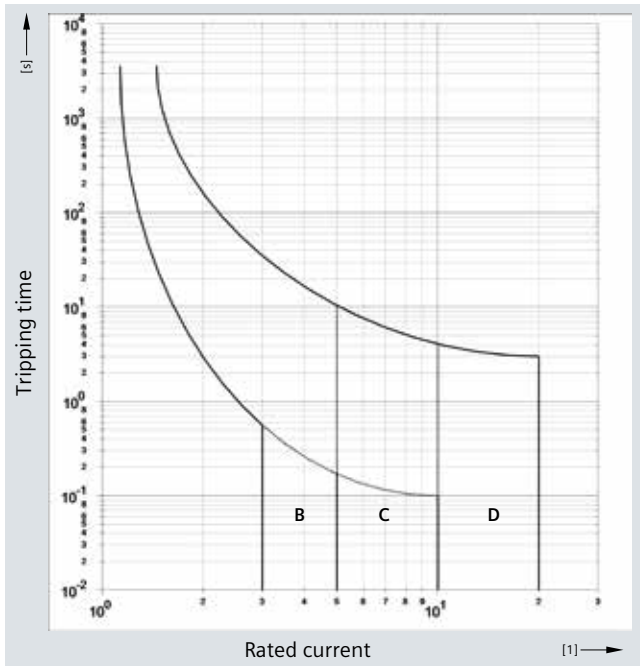
Accessory for 5SL



Data sheet

Type: 5SL6...-CC
 Tripping curve: B / C / D
 Rated current: $U_n = 230/400VAC$
 Reference calibration temperature: 30°
 Standard: DIN EN60898-1: 03/2006; IEC60898-1: 07/2003

Type: 5SL4...-CC
 Tripping curve: B / C / D
 Rated current: $U_n = 230/400VAC$
 Reference calibration temperature: 30°
 Standard: DIN EN60898-1: 03/2006; IEC60898-1: 07/2003



Data Sheet And Appearance Diemension

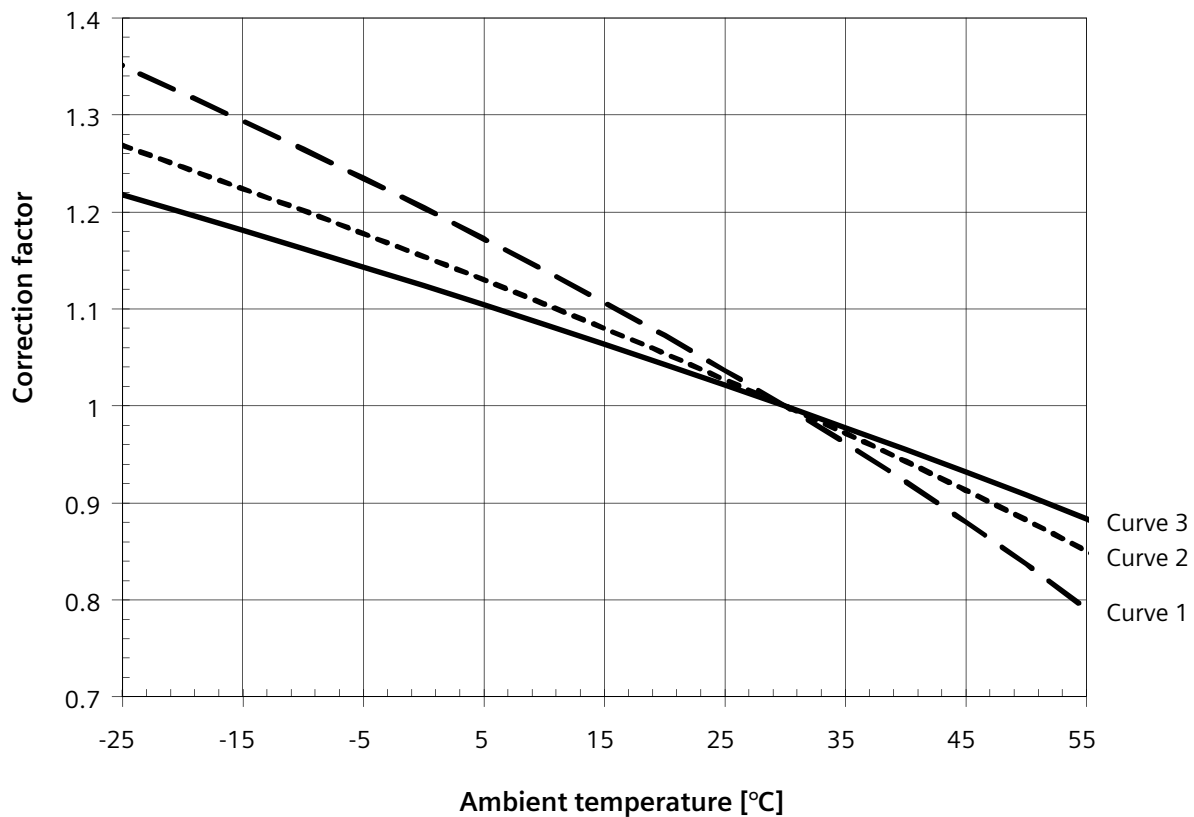
Temperature derating table

5SL6 series temperature derating table

Type: 5SL6...-CC
 Tripping curve: B / C / D
 Frequency: 50/60Hz

Correction factors relating to overload tripping current with different ambient temperatures.
 The rated values of the devices must not be exceeded under normal operating conditions.

Valid curve for correction factor																						
Rated current [A]	0,3	0,5	1	1,6	2	3	4	6	8	10	13	16	20	25	32	40	50	63				
B	1p / 1+N	/		2	/		2	2	2	2	2	2	2	2	2	1	2	1	2			
	2p			3			2	3	2	2	2	2	2	3	2	2	2	2	2	2	2	
	3p / 3+N			3			2	3	2	3	3	3	3	3	3	3	3	2	2	2	2	3
	4p			3			3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	3
C	1p / 1+N	1	1	1	1	2	2	2	1	2	2	2	2	2	1	1	1	1	1			
	2p	1	1	1	1	2	2	2	2	2	2	2	3	2	2	2	2	2	2			
	3p / 3+N	1	1	1	2	3	2	3	2	2	2	3	3	2	2	2	2	2	2			
	4p	1	1	1	2	3	3	3	2	3	2	3	3	3	3	3	2	2	3			
D	1p / 1+N	1	1	1	1	2	1	2	1	2	1	2	2	2	1	1	1	1	1			
	2p	1	1	1	1	2	2	2	1	2	2	2	3	2	2	2	2	2	2			
	3p / 3+N	1	1	1	1	3	2	2	2	2	2	3	3	2	2	2	2	2	2			
	4p	1	1	1	2	3	2	3	2	3	2	3	3	3	3	3	2	2	3			

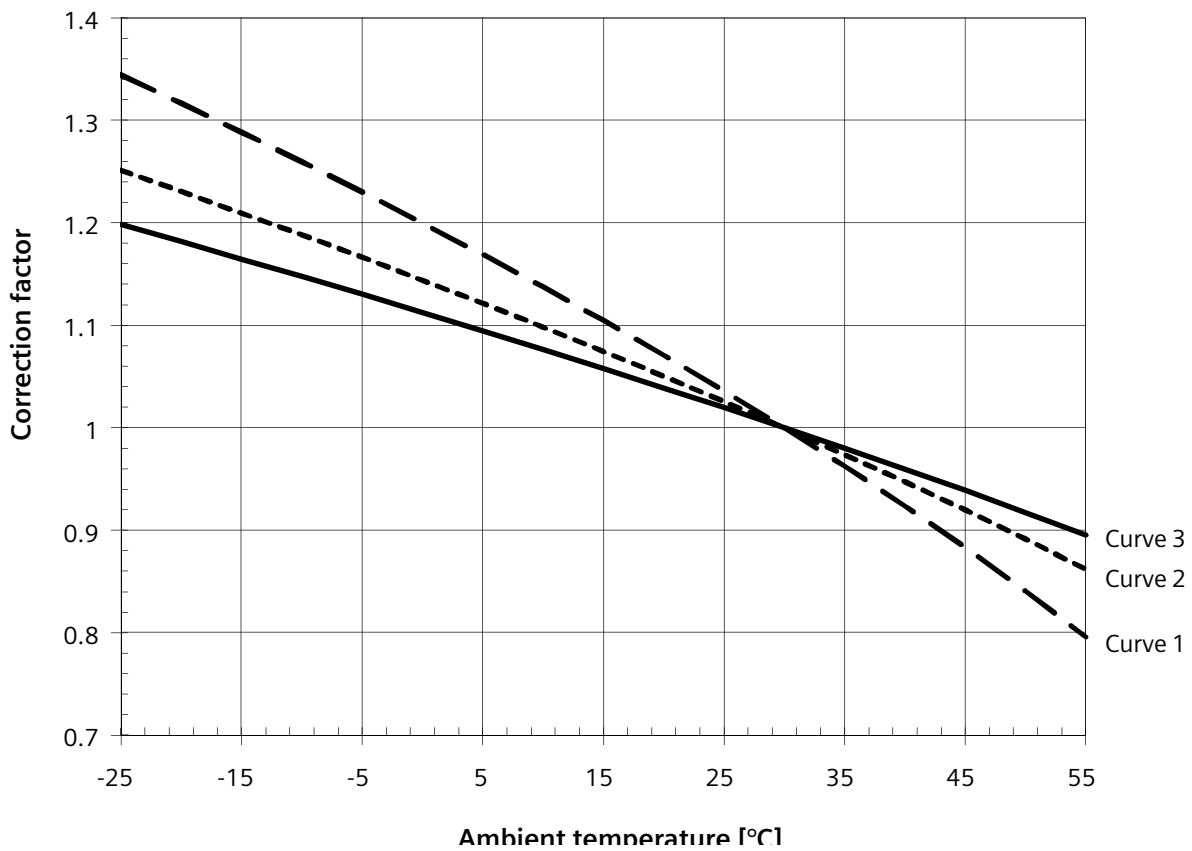


5SL4 series temperature derating table

Type: 5SL4...-CC
 Tripping curve: B / C / D
 Frequency: 50/60Hz

Correction factors relating to overload tripping current with different ambient temperatures.
 The rated values of the devices must not be exceeded under normal operating conditions.

Valid curve for correction factor																			
Rated current [A]		0,3	0,5	1	1,6	2	3	4	6	8	10	13	16	20	25	32	40	50	63
B	1p / 1+N	/		3	/	3	2	2	1	1	1	1	1	1	1	1	1	1	1
	2p			3		3	2	3	1	1	1	1	1	1	1	1	1	2	1
	3p / 4p / 3+N	/		3	/	3	3	3	1	1	1	2	2	2	2	2	2	2	2
1p / 1+N	1			2		2	3	3	2	2	1	1	1	1	1	2	1	1	1
C	2p	2	2	2	3	3	2	2	1	1	1	1	1	2	2	1	1	1	2
	3p / 3+N	2	2	2	3	3	2	3	1	1	1	2	2	2	2	1	2	2	2
	4p	2	2	2	3	3	3	3	1	1	1	2	2	2	2	2	2	2	2
	1p / 1+N	1	2	3	3	3	2	2	1	1	1	1	1	1	1	1	1	1	1
D	2p	2	2	3	3	3	3	2	1	1	1	1	1	1	1	1	2	1	2
	3p / 4p / 3+N	2	2	3	3	3	3	3	1	1	1	1	1	1	2	2	2	2	2



Data Sheet And Appearance Diemension

Resistance and power loss

Resistance and power loss of 5SL6/5SL4

3

Type: 5SL6....CC

Tripping curve: B / C / D

Frequency: 50/60Hz

Type: 5SL4....CC

Tripping curve: B / C / D

Frequency: 50/60Hz

characteristic		resistance R_i and power loss P_V per pole					
		B		C		D	
		R_i [mΩ]	P_V [W]	R_i [mΩ]	P_V [W]	R_i [mΩ]	P_V [W]
Rated current	0,3	-	-	10415	0,9	10016	0,9
	0,5	-	-	3551	0,9	3102	0,8
	1	1902	1,9	1097	1,1	1029	1,0
	1,6	-	-	499	1,3	459	1,2
	2	473	1,9	326	1,3	294	1,2
	3	164	1,5	142	1,3	124	1,1
	4	115	1,8	91	1,5	81	1,3
	6	33	1,2	30	1,1	25	0,9
	8	29	1,9	22,4	1,4	18,7	1,2
	10	15,5	1,6	13,6	1,4	12,3	1,2
	13	11,0	1,9	11,0	1,9	9,7	1,6
	16	10,0	2,6	7,7	2,0	7,7	2,0
	20	6,0	2,4	6,0	2,4	6,0	2,4
	25	4,8	3,0	4,4	2,8	4,4	2,8
	32	3,6	3,7	3,6	3,7	3,6	3,7
	40	2,2	3,4	2,1	3,3	2,1	3,3
	50	1,6	4,0	1,4	3,6	1,4	3,6
63	1,3	5,0	1,3	5,0	1,3	5,0	

characteristic		resistance R_i and power loss P_V per pole					
		B		C		D	
		R_i [mΩ]	P_V [W]	R_i [mΩ]	P_V [W]	R_i [mΩ]	P_V [W]
Rated current	0,3	-	-	10151	0,9	10151	0,9
	0,5	-	-	3551	0,9	3551	0,9
	1	1954	2,0	1172	1,2	1089	1,1
	1,6	-	-	510	1,3	466	1,2
	2	461	1,8	297	1,2	273	1,1
	3	216	1,9	127	1,1	124	1,1
	4	98	1,6	76	1,2	68	1,1
	6	30	1,1	20	0,7	16	0,6
	8	22,0	1,4	11,9	0,8	11,8	0,8
	10	19,3	1,9	9,1	0,9	8,6	0,9
	13	12,3	2,1	9,1	1,5	8,2	1,4
	16	7,1	1,8	6,0	1,5	4,8	1,2
	20	6,1	2,5	5,0	2,0	4,1	1,6
	25	4,8	3,0	3,7	2,3	3,7	2,3
	32	2,6	2,7	2,6	2,6	2,6	2,7
	40	2,2	3,4	2,1	3,3	2,1	3,3
	50	1,6	4,0	1,4	3,6	1,4	3,6
63	1,3	5,0	1,3	5,0	1,3	5,0	

For highland application

SIEMENS 5SL...CC series circuit breaker is suitable for highland application, complying with GB/T20645-2006.

The electrical parameter under different altitude as follows:

Correct factor (K)

Altitude(m)	2000	3000	4000	5000
Rated current	1	0.98	0.91	0.87
Insulated voltage	1	0.91	0.83	0.77
Frequency voltage	1	0.91	0.83	0.77
Impluse voltage	1	0.91	0.83	0.77
Rated breaking capacity	1	0.88	0.78	0.68
Electrical service life	1	0.88	0.78	0.68

For example: altitude 4000m, short circuit current 4kA, load current 40A, please choose:

$I_e=40/0.91=44A$ $I_c=4000/0.78=5128A$, 5SL6-C50 can be used in this application.

Storage notice

Notice for storage

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Miniature circuit breaker and its accessories should be stored for long time at some conditions. And if not controlling the storage environment, the metal part inside or outside the products will be rusted. So pay attention to storage is necessary.

Products should be stored around 20-25 degree with dry environment.(humidity around 20%-30%). Strictly sealed at high humidity environment.

Products should not be stored together with volatile acid liquid or gas.

In some environment with high temperature, high humidity or extremely low temperature, products should not be stored for long time. It should be power on.

During some special storage environment like high temperature, high humidity or extremely low temperature, please follow advice from manufacture.

