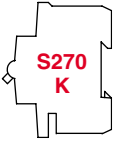


S270

277/480 VAC



K UL 1077 CSA C22.2 - NO. 235
 VDE 0641 IEC-898
 Cable & equipment protection

S271-K10

S271-K2
S272-K2NA

S273-K10

S273-K20
S274-K20NA

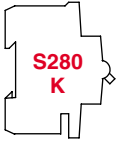
K

Rated current	Catalog number	Wgt. oz. (1 pc.)	Rated current	Catalog number	Wgt. oz. (1 pc.)
0.5	S271-K0.5	4.5	0.5	S273-K0.5	13.5
1	S271-K1		1	S273-K1	
1.6	S271-K1.6		1.6	S273-K1.6	
2	S271-K2		2	S273-K2	
3	S271-K3		3	S273-K3	
4	S271-K4		4	S273-K4	
5	S271-KS5		5	S273-KS5	
6	S271-K6		6	S273-K6	
8	S271-K8		8	S273-K8	
10	S271-K10		10	S273-K10	
13	S271-K13		13	S273-K13	
15	S271-KS15		15	S273-KS15	
16	S271-K16		16	S273-K16	
20	S271-K20		20	S273-K20	
25	S271-K25		25	S273-K25	
30	S271-KS30	30	S273-KS30		
32	S271-K32	32	S273-K32		
40	S271-K40	40	S273-K40		
50	S271-K50	50	S273-K50		
60	S271-KS60	60	S273-KS60		
63	S271-K63	63	S273-K63		
0.5	S271-K0.5NA	9.0	0.5	S273-K0.5NA	18.0
1	S271-K1NA		1	S273-K1NA	
1.6	S271-K1.6NA		1.6	S273-K1.6NA	
2	S271-K2NA		2	S273-K2NA	
3	S271-K3NA		3	S273-K3NA	
4	S271-K4NA		4	S273-K4NA	
6	S271-K6NA		6	S273-K6NA	
8	S271-K8NA		8	S273-K8NA	
10	S271-K10NA		10	S273-K10NA	
13	S271-K13NA		13	S273-K13NA	
16	S271-K16NA		16	S273-K16NA	
20	S271-K20NA		20	S273-K20NA	
25	S271-K25NA		25	S273-K25NA	
32	S271-K32NA		32	S273-K32NA	
40	S271-K40NA		40	S273-K40NA	
50	S271-K50NA	50	S273-K50NA		
63	S271-K63NA	63	S273-K63NA		
0.5	S272-K0.5	9.0	0.5	S274-K0.5	18.0
1	S272-K1		1	S274-K1	
1.6	S272-K1.6		1.6	S274-K1.6	
2	S272-K2		2	S274-K2	
3	S272-K3		3	S274-K3	
4	S272-K4		4	S274-K4	
5	S272-KS5		5	S274-K5	
6	S272-K6		6	S274-K6	
8	S272-K8		8	S274-K8	
10	S272-K10		10	S274-K10	
13	S272-K13		13	S274-K13	
15	S272-KS15		15	S274-K15	
16	S272-K16		16	S274-K16	
20	S272-K20		20	S274-K20	
25	S272-K25		25	S274-K25	
30	S272-KS30	30	S274-K30		
32	S272-K32	32	S274-K32		
40	S272-K40	40	S274-K40		
50	S272-K50	50	S274-K50		
60	S272-KS60	60	S274-K60		
63	S272-K63	63	S274-K63		

Switched neutral

To create a miniature circuit breaker from stock items with a switched neutral, order standard MCB (usually a single or three pole version) and a neutral disconnect module, S2-NT, which can be field added to the MCB.

Pro M



S280 277/480 VAC

K UL 1077 CSA C22.2 - NO. 235
VDE 0660
Cable & equipment protection

Pro M



S281-K16



S282-K1



S283-K63

K



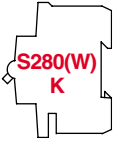
Rated current	Catalog number	Wgt. oz. (1 pc.)	Rated current	Catalog number	Wgt. oz. (1 pc.)
0.2	S281-K0.2	4.6	0.2	S283-K0.2	13.9
0.3	S281-K0.3		0.3	S283-K0.3	
0.5	S281-K0.5		0.5	S283-K0.5	
0.75	S281-K0.75		0.75	S283-K0.75	
1	S281-K1		1	S283-K1	
1.6	S281-K1.6		1.6	S283-K1.6	
2	S281-K2		2	S283-K2	
3	S281-K3		3	S283-K3	
4	S281-K4		4	S283-K4	
6	S281-K6		6	S283-K6	
8	S281-K8		8	S283-K8	
10	S281-K10		10	S283-K10	
13	S281-K13		13	S283-K13	
16	S281-K16		16	S283-K16	
20	S281-K20		20	S283-K20	
25	S281-K25		25	S283-K25	
32	S281-K32	32	S283-K32		
40	S281-K40	40	S283-K40		
50	S281-K50	50	S283-K50		
63	S281-K63	63	S283-K63		
0.2	S282-K0.2	9.2	0.2	S283-K0.2	13.9
0.3	S282-K0.3		0.3	S283-K0.3	
0.5	S282-K0.5		0.5	S283-K0.5	
0.75	S282-K0.75		0.75	S283-K0.75	
1	S282-K1		1	S283-K1	
1.6	S282-K1.6		1.6	S283-K1.6	
2	S282-K2		2	S283-K2	
3	S282-K3		3	S283-K3	
4	S282-K4		4	S283-K4	
6	S282-K6		6	S283-K6	
8	S282-K8		8	S283-K8	
10	S282-K10		10	S283-K10	
13	S282-K13		13	S283-K13	
16	S282-K16		16	S283-K16	
20	S282-K20		20	S283-K20	
25	S282-K25		25	S283-K25	
32	S282-K32	32	S283-K32		
40	S282-K40	40	S283-K40		
50	S282-K50	50	S283-K50		
63	S282-K63	63	S283-K63		

Switched neutral

To create a miniature circuit breaker from stock items with a switched neutral, order standard MCB (usually a single or three pole version) and a neutral disconnect module, S2-NT, which can be field added to the MCB.

S280 (W)

for use with ring tongue terminal connectors
277/480 VAC



K UL 1077 CSA C22.2 - NO. 235
VDE 0660
Cable & equipment protection



S281-K16W



S282-K1W

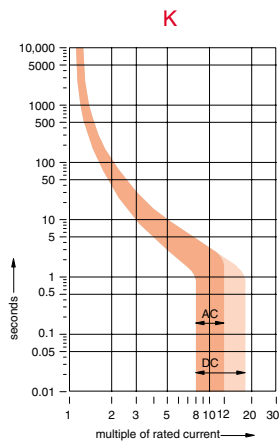


S283-K63W

Rated current	Catalog number	Wgt. oz. (1 pc.)	Rated current	Catalog number	Wgt. oz. (1 pc.)
0.2	S281-K0.2W	4.6	0.2	S283-K0.2W	13.9
0.3	S281-K0.3W		0.3	S283-K0.3W	
0.5	S281-K0.5W		0.5	S283-K0.5W	
0.75	S281-K0.75W		0.75	S283-K0.75W	
1	S281-K1W		1	S283-K1W	
1.6	S281-K1.6W		1.6	S283-K1.6W	
2	S281-K2W		2	S283-K2W	
3	S281-K3W		3	S283-K3W	
4	S281-K4W		4	S283-K4W	
6	S281-K6W		6	S283-K6W	
8	S281-K8W		8	S283-K8W	
10	S281-K10W		10	S283-K10W	
13	S281-K13W		13	S283-K13W	
16	S281-K16W	16	S283-K16W		
20	S281-K20W	20	S283-K20W		
25	S281-K25W	25	S283-K25W		
32	S281-K32W	32	S283-K32W		
40	S281-K40W	40	S283-K40W		
50	S281-K50W	50	S283-K50W		
63	S281-K63W	63	S283-K63W		
0.2	S282-K0.2W	9.2	0.2	S283-K0.2W	13.9
0.3	S282-K0.3W		0.3	S283-K0.3W	
0.5	S282-K0.5W		0.5	S283-K0.5W	
0.75	S282-K0.75W		0.75	S283-K0.75W	
1	S282-K1W		1	S283-K1W	
1.6	S282-K1.6W		1.6	S283-K1.6W	
2	S282-K2W		2	S283-K2W	
3	S282-K3W		3	S283-K3W	
4	S282-K4W		4	S283-K4W	
6	S282-K6W		6	S283-K6W	
8	S282-K8W		8	S283-K8W	
10	S282-K10W		10	S283-K10W	
13	S282-K13W		13	S283-K13W	
16	S282-K16W	16	S283-K16W		
20	S282-K20W	20	S283-K20W		
25	S282-K25W	25	S283-K25W		
32	S282-K32W	32	S283-K32W		
40	S282-K40W	40	S283-K40W		
50	S282-K50W	50	S283-K50W		
63	S282-K63W	63	S283-K63W		

Screws (must be ordered separately!)

Item	Catalog number
PKG of 20 screws	S2-SCR



① For use with ring tongue or cable terminals only. Cannot be used with busbar system.



S280UC 500 VDC

K UL 1077 VDE 0660
CSA 22.2 No. 235
Cable and Equipment Protection



S281UC-K25



S282UC-K8



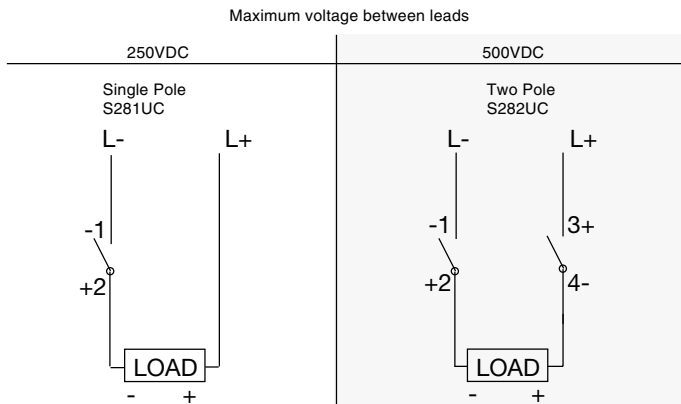
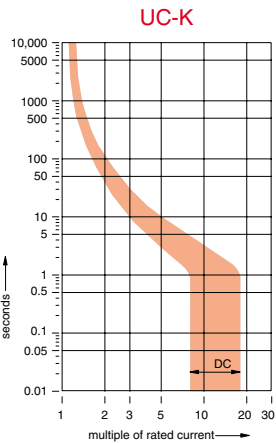
S283UC-K16

Rated current	Catalog number	Wgt. oz. (1 pc.)	Rated current	Catalog number	Wgt. oz. (1 pc.)
0.2	S281UC-K0.2	4.6	0.2	S283UC-K0.2	13.9
0.3	S281UC-K0.3		0.3	S283UC-K0.3	
0.5	S281UC-K0.5		0.5	S283UC-K0.5	
0.75	S281UC-K0.75		0.75	S283UC-K0.75	
1	S281UC-K1		1	S283UC-K1	
1.6	S281UC-K1.6		1.6	S283UC-K1.6	
2	S281UC-K2		2	S283UC-K2	
3	S281UC-K3		3	S283UC-K3	
4	S281UC-K4		4	S283UC-K4	
6	S281UC-K6		6	S283UC-K6	
8	S281UC-K8		8	S283UC-K8	
10	S281UC-K10		10	S283UC-K10	
16	S281UC-K16		16	S283UC-K16	
20	S281UC-K20		20	S283UC-K20	
25	S281UC-K25		25	S283UC-K25	
32	S281UC-K32		32	S283UC-K32	
40	S281UC-K40	40	S283UC-K40		
50	S281UC-K50	50	S283UC-K50		
63	S281UC-K63	63	S283UC-K63		
0.2	S282UC-K0.2	9.2	0.2	S282UC-K0.2	
0.3	S282UC-K0.3		0.3	S282UC-K0.3	
0.5	S282UC-K0.5		0.5	S282UC-K0.5	
0.75	S282UC-K0.75		0.75	S282UC-K0.75	
1	S282UC-K1		1	S282UC-K1	
1.6	S282UC-K1.6		1.6	S282UC-K1.6	
2	S282UC-K2		2	S282UC-K2	
3	S282UC-K3		3	S282UC-K3	
4	S282UC-K4		4	S282UC-K4	
6	S282UC-K6		6	S282UC-K6	
8	S282UC-K8		8	S282UC-K8	
10	S282UC-K10		10	S282UC-K10	
16	S282UC-K16		16	S282UC-K16	
20	S282UC-K20		20	S282UC-K20	
25	S282UC-K25		25	S282UC-K25	
32	S282UC-K32		32	S282UC-K32	
40	S282UC-K40	40	S282UC-K40		
50	S282UC-K50	50	S282UC-K50		
63	S282UC-K63	63	S282UC-K63		

Pro M

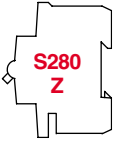
Direct current applications

The S280UC differs from standard miniature circuit breakers in that the UC versions include a permanent magnet which aids in the extinguishing of the arc during medium and high level faults. It is necessary to observe the correct polarity and current direction when connecting the UC breakers. Two examples of correct connection are shown below.



Termination points are marked on all UC type MCBs, points one (1) and four (4) are negative and points two (2) and three (3) are positive. Four pole breakers are also available for voltage reversal applications.

S280 & S280UC 277/480VAC & 500VDC



Z UL 1077 VDE 0660
CSA 22.2 No. 235
Fast trip characteristic



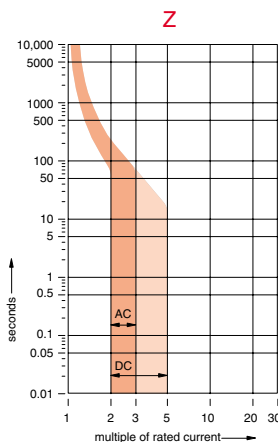
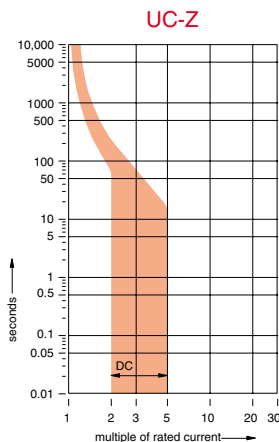
480 VAC Class

Rated current	Catalog number
0.5	S281-Z0.5
1	S281-Z1
1.6	S281-Z1.6
2	S281-Z2
3	S281-Z3
4	S281-Z4
6	S281-Z6
8	S281-Z8
10	S281-Z10
16	S281-Z16
20	S281-Z20
25	S281-Z25
32	S281-Z32
40	S281-Z40
50	S281-Z50
63	S281-Z63
0.5	S282-Z0.5
1	S282-Z1
1.6	S282-Z1.6
2	S282-Z2
3	S282-Z3
4	S282-Z4
6	S282-Z6
8	S282-Z8
10	S282-Z10
16	S282-Z16
20	S282-Z20
25	S282-Z25
32	S282-Z32
40	S282-Z40
50	S282-Z50
63	S282-Z63
0.5	S283-Z0.5
1	S283-Z1
1.6	S283-Z1.6
2	S283-Z2
3	S283-Z3
4	S283-Z4
6	S283-Z6
8	S283-Z8
10	S283-Z10
16	S283-Z16
20	S283-Z20
25	S283-Z25
32	S283-Z32
40	S283-Z40
50	S283-Z50
63	S283-Z63

500 VDC Class

Wgt. oz. (1 pc.)	Rated current	Catalog number	Wgt. oz. (1 pc.)
4.5	0.5	S281UC-Z0.5	4.6
	1	S281UC-Z1	
	1.6	S281UC-Z1.6	
	2	S281UC-Z2	
	3	S281UC-Z3	
	4	S281UC-Z4	
	6	S281UC-Z6	
	8	S281UC-Z8	
	10	S281UC-Z10	
	16	S281UC-Z16	
	20	S281UC-Z20	
	25	S281UC-Z25	
	32	S281UC-Z32	
	40	S281UC-Z40	
50	S281UC-Z50		
63	S281UC-Z63		
9.2	0.5	S282UC-Z0.5	9.2
	1	S282UC-Z1	
	1.6	S282UC-Z1.6	
	2	S282UC-Z2	
	3	S282UC-Z3	
	4	S282UC-Z4	
	6	S282UC-Z6	
	8	S282UC-Z8	
	10	S282UC-Z10	
	16	S282UC-Z16	
	20	S282UC-Z20	
	25	S282UC-Z25	
	32	S282UC-Z32	
	40	S282UC-Z40	
50	S282UC-Z50		
63	S282UC-Z63		
13.9	0.5	S283UC-Z0.5	13.9
	1	S283UC-Z1	
	1.6	S283UC-Z1.6	
	2	S283UC-Z2	
	3	S283UC-Z3	
	4	S283UC-Z4	
	6	S283UC-Z6	
	8	S283UC-Z8	
	10	S283UC-Z10	
	16	S283UC-Z16	
	20	S283UC-Z20	
	25	S283UC-Z25	
	32	S283UC-Z32	
	40	S283UC-Z40	
50	S283UC-Z50		
63	S283UC-Z63		

Pro M

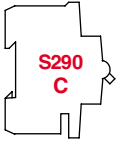


Switched neutral

To create a miniature circuit breaker from stock items with a switched neutral, order standard MCB (usually a single or three pole version) and a neutral disconnect module, S2-NT, which can be field added to the MCB. See accessories page 1.18.

Direct current applications

Please refer to the chart on page 1.12..



S290 277/480 VAC

C

VDE 0660
Cable and equipment protection

480 VAC Class

Rated current	Catalog number	Wgt. oz. (1 pc.)
80	S291-C80	9.2
100	S291-C100	
125	S291-C125	
80	S292-C80	18.4
100	S292-C100	
125	S292-C125	
80	S293-C80	27.6
100	S293-C100	
125	S293-C125	
80	S294-C80	36.8
100	S294-C100	
125	S294-C125	

Auxiliary contact

S290-H11	1.75
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Bell alarm

S290-S	1.75
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Shunt trip

S290-A1	6.2
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For field mounting, left side, 110V – 415VAC

S290-A2	6.2
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For field mounting, left side, 24 – 48VDC



Pro M

