

S280UC-K, 500 VDC

Supplemental protectors

UL 1077, CSA 22.2

Miniature
circuit breakers

K



S281UC-K



S282UC-K



S283UC-K

No. of poles	Rated current	Catalog number	No. of poles	Rated current	Catalog number
1	0,2	S281UC-K0,2	3	0,2	S283UC-K0.2
	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
2	32	S281UC-K32	3	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		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

Tripping characteristic K

UL 1077
500 VDC
10 kA

Inductive loads

- K Curve
- Designed for allowing higher in-rush currents during system start up
- Example: motors, transformer

Accessories & technical data

Accessories – See page 26

Technical data – See page 76 - 82

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.

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.

Note: This breaker for DC use only

