

Technical data

S500-K; S500UC-B, K

Item	S500-K
Approvals:	
UL	1077
CSA	C22.2 - No. 235
VDE	0641/6.78
IEC	—
No. of poles:	1,2,3, +N, +NA
Tripping characteristic:	K
Rated currents:	0.1 to 45A
Rated voltage:	
UL/CSA single pole	277VAC
UL/CSA multi pole	600YVAC
IEC single pole	690VAC
Rated interrupting capacity:	
Single pole	0.15-25A – 30KA/240VAC 14KA/277VAC 26-45A – 18KA/240VAC 14KA/277VAC
Multi-pole	0.15-45A – 14KA/480VAC 6KA/600VAC
Frequency:	50/60Hz
Mounting position:	Vertical / horizontal
Standard mounting:	35 _{mm} DIN rail
Terminals:	Conductors from 16-4AWG
Service life at rated load:	20,000 operations
Calibration temperature:	40°C

Item	S500UC-B, K
Approvals:	
UL	1077
CSA	C22.2
VDE	0660
No. of poles:	1,2,3, 4
Tripping characteristic:	B, K
Rated currents:	B: 6 to 63A K: 0.15 to 45A
Rated voltage:	
UL single pole	277VAC/250VDC
UL multi pole	600VAC/600VDC
IEC multi pole	690VAC/750VDC
Rated interrupting capacity:	
B single pole:	
6 – 25A	18KA/240VAC 14KA/277VAC 30KA/250VDC
32 – 63A	30KA/240VAC 14KA/277VAC 30KA/250VDC
B two-pole:	
6 – 63A	14KA/480VAC 6KA/600VAC 30KA/500VDC
B three-pole:	
6 – 63A	14KA/480VAC 6KA/600VAC 30KA/600VDC
K single pole:	
0.15 – 25A	30KA/240VAC 14KA/277VAC 30KA/250VDC
32 – 45A	18KA/240VAC 14KA/277VAC 30KA/250VDC
K two-pole:	
0.15 – 45A	14KA/480VAC 6KA/600VAC 30KA/500VDC
K three-pole:	
0.5 – 45A	14KA/480VAC 6KA/600VAC 30KA/600VDC
Frequency:	50/60Hz
Mounting position:	Vertical / horizontal
Standard mounting:	35 _{mm} DIN-rail
Terminals:	Conductors from 16 to 4AWG (1-25sq mm)
Service life at rated load:	20,000 operations