

Item	S200U-K	S200U-Z	S200UP-K	S200UP-Z
Approvals:				
UL	489	489	489	489
CSA	C22.2 No.5	C22.2 No.5	C22.2 No.5	C22.2 No.5
VDE	0660	0660	0660	0660
IEC	898,947	898, 947	898, 947	898
No. of poles:	1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
Tripping characteristic:	K	Z	K	Z
Rated currents:	0.2 to 63A	0.2 to 63A	0.2 to 25A	0.2 to 25A
Minimum operating voltage:	12V	12V	12V	12V
UL/CSA rated voltage & interrupting capacity				
120VAC	10kA	10kA	10kA	10kA
240VAC	10kA	10kA	10kA	10kA
277VAC			10kA	10kA
277/480 VAC			10kA	10kA
Frequency:	50/60Hz (see below)	50/60 Hz (see below)	50/60Hz (see below)	50/60Hz (see below)
Rated voltage				
IEC single pole	240/415VAC	240/415VAC	240/415VAC	240/415VAC
	220VDC	60VDC	220VDC	220VDC
IEC multi-pole	415VAC	415VAC	415VAC	415VAC
	440VDC	110VDC	440VDC	440VDC
Protection category:	IP20	IP20	IP20	IP20
Depth of unit per DIN 43880:	68mm	68mm	68mm	68mm
Mounting position:	optional	optional	optional	optional
Standard mounting:	35mm DIN rail	35mm DIN rail	35mm DIN-rail	35mm DIN-rail
Main and shunt trip terminals:				
Wire size	18-4 AWG	18-4 AWG	18-4 AWG	18-4 AWG
Torque	17.5 in-lbs.	17.5 in-lbs.	17.5 in-lbs.	17.5 in-lbs.
Tool	#2 Posidrive	#2 Posidrive	#2 Posidrive	#2 Posidrive
Accessory terminals				
Wire size	18-16 AWG	18-16 AWG	18-16 AWG	18-16 AWG
Torque	4.5 in-lbs.	4.5 in-lbs.	4.5 in-lbs.	4.5 in-lbs.
Tool	#1 Posidrive	#1 Posidrive	#1 Posidrive	#1 Posidrive
Service life at rated load:	$I_n < 32 A$, 20,000 operations $I_n > 32 A$, 10,000 operations	$I_n < 32 A$, 20,000 operations $I_n > 32 A$, 10,000 operations	$I_n < 32 A$, 20,000 operations $I_n > 32 A$, 10,000 operations	$I_n < 32 A$, 20,000 operations $I_n > 32 A$, 10,000 operations
Ambient temperatures:	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C	-25°C to +70°C
Storage temperatures	-40°C to + 70°C	-40°C to + 70°C	-40°C to + 70°C	-40°C to + 70°C
Shock resistance:	30g minimum of 2 impacts, shock duration of 13ms	30g minimum of 2 impacts, shock duration of 13ms	30g minimum of 2 impacts, shock duration of 13ms	30g minimum of 2 impacts, shock duration of 13ms
Vibration resistance:	5g, 20 cycles, 5 Hz, 150 Hz @ 0.8 - I_n	5g, 20 cycles, 5 Hz, 150 Hz @ 0.8 - I_n	5g, 20 cycles, 5 Hz, 150 Hz @ 0.8 - I_n	5g, 20 cycles, 5 Hz, 150 Hz @ 0.8 - I_n

Influence of frequency on electro-magnetic trips

Magnetic trip values shown on trip curves are valid for 50/60Hz applications. For frequencies other than 50/60Hz, the magnetic (instantaneous) trip values are increased by the factor given below:

	16 2/3 - 60Hz	100Hz	200Hz	400Hz	DC
Approx. factor	1	1.1	1.2	1.5	1.5

Thermal tripping is independent of frequency.