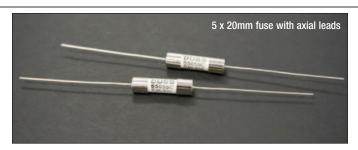


5 x 20mm Time-Delay, Leaded Ceramic Tube Fuses S505SC Series









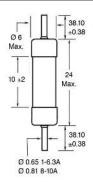
Description

- · Time-delay, high breaking capacity
- · Halogen free, lead free, RoHS compliant
- Nickel-plated brass endcap construction
- 5 x 20mm physical size
- Designed to IEC 60127-2

Electrical Characteristics											
	1.5l _n	2.11 _n	2.75I _n		2.11 _n 2.751 _n 41 _n		4I _n		10I _n		
Amps	Min min.	Max min.	Min ms	Max s	Min ms	Max s	Min ms	Max ms			
1A-3.15A	60	30	750	80	95	5	10	150			
4A-6.3A	60	30	750	80	150	5	10	150			
8A-10A	30	30	750	80	150	5	10	150			

Dimensions - mm

 With TR2 packaging code, leadwire length is 19.05mm



Agency Information

- UL Recognized Card: File Guide JDYX2, File E19180, JDYX8, File E19180
- SEMKO: File 1219335
- VDE: File 40024252, 40037710 (1-8A)
- BSI: File KM55676
- IMQ: File CA03.00529
- PES+JET: File JET 1641-31003-1010, JET 1641-31003-2002
- CQC: 12012079823
- KC-Mark: File SU05011-12003, SU05011-12004, SU05011-12005A
- TUV: J50233218

Ordering

Specify packaging code (insert packaging code prefix before part number)
e.g., BK/ (or TR2/ or TR3/) S505SC-1-R

Specifications

	Voltage	Interrupting	Typical DC Cold	Typical	Typical	Agency Information								
Product	Rating	Rating at Rated	Resistance	Pre-arching	Voltage						PSE/			
Code	AC	Voltage (50Hz) AC1	$(\Omega)^2$	I ² t (A ² s)AC ³	Drop (mV)⁴	IMQ	VDE	SEMK0	cURus	CQC	JET	KC	BSI	TUV
S5050SC-1-R	250	1500	0.169	1.38	180	Χ	Χ	X	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-1.25-R	250	1500	0.108	2.14	151	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-1.6-R	250	1500	0.070	7.35	130	Χ	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-2-R	250	1500	0.055	9.83	123.5	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
S5050SC-2.5-R	250	1500	0.040	19.9	119	Χ	Χ	X	Х	Χ	Χ	Χ	X	Χ
S5050SC-3.15-R	250	1500	0.031	40.4	110	Х	Χ	X	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-4-R	250	1500	0.018	41 ^x	89.8	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-5-R	250	1500	0.013	71.2 ^x	88	Χ	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-6.3-R	250	1500	0.010	152 ^x	72.5	Χ	Χ	Χ	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-8-R	250	1500	0.007	237	82.5	Х	Χ	Х	Х	Χ	Χ	Χ	Χ	Χ
S5050SC-10-R	250	1500	0.005	353	70	Х	Χ	Х	Х	Х	Χ	Χ	Χ	Χ

^{1.} Interrupting ratings: 1A to 10A were measured at 70% to 80% PF on AC.

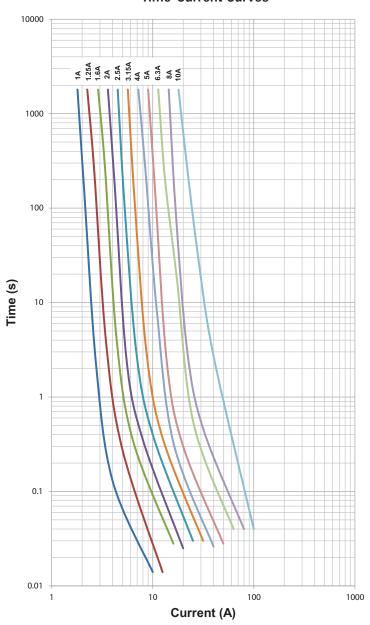
^{2.} Typical DC Cold Resistance (measured at <10% of rated current).

Typical Pre-Arching I^at (measured at listed interrupting rating and rated voltage if not specified);
With "X" specified, the typical I^at value is measured at 10 times of rated current under DC.

^{4.} Typical Voltage Drop (Voltage Drop was measured at 20°C ambient temperature at rated current).



Time-Current Curves



Packaging Code					
Packaging Code Prefix Description					
BK/	BK/ 20 fuses in a carrier, 5 carriers in a box (100 fuses per box)				
TR2/	TR2/ 1500 fuses packed on tape and reel (52mm length in tape)				
TR3/	1500 fuses packed on tape and reel (54mm length in tape)				

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