

S505H (S505H-V)*

(axial leads)

Specifications**Description:** Time-delay, high-breaking capacity fuse.**Construction:**

Ceramic tube, nickel-plated brass endcaps.

Ratings:

Volts — 600Vac/400Vdc
 — 500mA-5A
 — 6.3A-10A
 — 500Vac/400Vdc

Amps — 500mA-10A
 IR — 35A @ 250Vac

Agency information: cURus, CCC, CQC, TUV, PSE/JET.

See data sheet for complete agency information. Not all approvals apply to all ratings.

Features and benefits

- Time-delay, high breaking capacity
- Conforming to IEC standards

Typical applications

- Power supplies - adapters
- Desktops/notebooks

Catalog numbers (amps)

Catalog numbers	Typical I^2t (A ² s) ¹	Max voltage drop (mV) ³
S505H-500-R	0.188	295
S505H-800-R	0.632	189
S505H-1-R	1.28	153
S505H-1.25-R	2.22	150
S505H-1.6-R	6.78	125
S505H-2-R	11.44	128
S505H-2.5-R	24.23	126
S505H-3.15-R	43.55	121
S505H-4-R	38.45	90
S505H-5-R	71.3	89
S505H-6.3-R	111.4	80
S505H-8-R	228.2	76
S505H-10-R	349.5	72

1. Typical Pre-Arc Pt: Measured at 10I_n DC.
2. - Breaking Capacity of 250VAC/1500A is tested by all agency approvals, test condition is 250Vac, PF: 0.7-0.8.
 - Breaking Capacity of Max. voltage is tested by UL, PF:1.
 - Breaking Capacity Test of DC is tested by UL under Capacitor Bank 4800mF (for 400V, 1500A) 2400mF (for 400V, 500A).
3. Typical Voltage Drop: Voltage drop is measured under ambient 20°C with rated current.

Options

Axial leads, put "V" in P/N.

**S506-V (GDC-V)* (axial leads)****S506 (GDC)*****Specifications****Description:** Time-delay, low-breaking capacity fuse.**Construction:** Glass tube, nickel-plated brass endcaps.**Ratings:**

Volts — 250Vac (or less)
 — 32Vdc (self certified)
 Amps — 32mA-15A**
 IR — 35A @ 250Vac

Agency information: UR, CSA, cURus, SEMKO, VDE, BSI, IMQ, PSE/JET, CCC.

See data sheet for complete agency information. Not all approvals apply to all ratings.

Features and benefits

- Time-delay compatibility for inductive circuits
- Conforming to IEC standards

Typical applications

- Electronic circuits

Catalog numbers (amps)

Catalog numbers	Typical I^2t	Max voltage drop (mV)
S506-32-R	0.0051	1050
S506-40-R	0.0072	920
S506-50-R	0.0095	800
S506-63-R	0.021	760
S506-80-R	0.038	580
S506-100-R	0.045	490
S506-125-R	0.063	390
S506-160-R	0.093	320
S506-200-R	0.114	340
S506-250-R	0.265	270
S506-315-R	0.621	250
S506-400-R	0.872	210
S506-500-R	0.827	140
S506-630-R	1.33	150
S506-800-R	2.78	75
S506-1-R	6.45	87.5
S506-1.25-R	10.05	86
S506-1.6-R	21.7	82
S506-2-R	31.6	77
S506-2.5-R	59.4	72.5
S506-3.15-R	96.4	68.5
S506-4-R	71.8	67
S506-5-R	142.5	60.5
S506-6.3-R	237.6	54
S506-8-R	255.8	55
S506-10-R	450	54
S506-12.5-R	1019.5	45
S506-15-R	1091.7	65.5

Options

Axial leads, put "V" in P/N.

*When ordering GDC version, do not add "-R" suffix to part number.

**GDC series is not available above 6.3A.

