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- **DE** Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:
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FUSEKIT R

FUSEKIT R

EN This Datasheet is presented by the manufacturer DE

Dieses Datenblatt wird vom Hersteller bereitgestellt **FR** Cette fiche technique est présentée par le fabricant



S500 Series, Fast-Acting, Glass Tube

Description

- Fast-acting, low breaking capacity
- · Optional axial leads available
- 5 x 20mm physical size
- · Glass tube with silver-plated (32-125mA) and nickel-plated (160mA-10A) endcaps
- Designed to IEC 60127-2 (160mA-10A)

| Electrical Characteristics | | | | | | | | |
|----------------------------|--------|------------------|-------|-------|-------|--------|-------|--|
| | 1.5 In | 1.5 ln 2.1 ln 2. | | 5 In | 4 | 10 In | | |
| ln l | min | max | min | max | min | max | max | |
| 32mA-125mA | 60 min | 30 min | - | - | - | - | - | |
| 160mA-6.3A | 60 min | 30 min | 50 ms | 2 sec | 10 ms | 300 ms | 20 ms | |
| 8A-10A | 30 min | 30 min | 50 ms | 2 sec | 10 ms | 400 ms | 40 ms | |

Agency Information

- cURus: File E19180, Guide JDYX2, JDYX8
- CSA Component Acceptance: File 1803366
- SEMKO Approval: File 414552
- VDE Approval: File 40014109
- BSI Approval: File KM55676
- IMQ Approval: File CA03.00097
- CCC Approval: File 2005010207155694

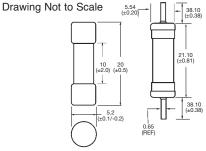
Ordering

Specify product code

· Insert packaging code prefix before part number. E.g. BK/S500-32-R



Dimensions - mm



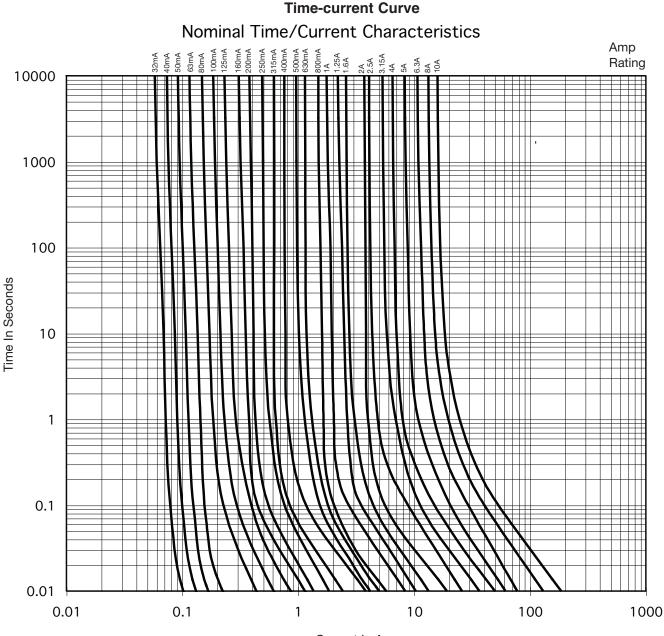
- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

Specify option code if desired

· For axial leads, insert "V" between catalog series and amp rating. E.g. S500-V-100-R

| | | | Speci | fications | | | | | | | | |
|-------------|---------|---------------------|-----------------|--------------------------|------------|-------|-----|-------|-----------|-----|-------|-----|
| | Voltage | Interrupting Rating | Typical DC | Typical | Maximum | | | | | | | |
| Part Number | Rating | (amps) at Rated | Cold Resistance | Melting I ² t | | | Ag | gency | Approvals | | | |
| | Vac | Voltage (50Hz) Vac | (Ω)* | AC† | Drop (mV)‡ | cURus | CSA | CCC | BSI | VDE | SEMKO | IMQ |
| S500-32-R | 250 | 35 | 40 | 0.000047 | 3200 | | | | | | | |
| S500-40-R | 250 | 35 | 25 | 0.00011 | 2500 | | | | | | | |
| S500-50-R | 250 | 35 | 17 | 0.00020 | 2400 | | | | | | | |
| S500-63-R | 250 | 35 | 125 | 0.00057 | 2000 | | | | | | | |
| S500-80-R | 250 | 35 | 5.0 | 0.0012 | 1200 | | | | | | | |
| S500-100-R | 250 | 35 | 3.8 | 0.003 | 1100 | | | | | | | |
| S500-125-R | 250 | 35 | 2.8 | 0.005 | 1000 | | | | | | | |
| S500-160-R | 250 | 35 | 9.1 | 0.008 | 2000 | Х | Х | Х | Х | Х | Х | Х |
| S500-200-R | 250 | 35 | 6.8 | 0.016 | 1700 | Х | Х | Х | Х | Х | Х | X |
| S500-250-R | 250 | 35 | 4.3 | 0.28 | 1400 | Х | Х | Х | Х | Х | Х | X |
| S500-315-R | 250 | 35 | 3.1 | 0.58 | 1300 | Х | Х | Х | Х | Х | Х | X |
| S500-400-R | 250 | 35 | 2.0 | 0.18 | 1100 | Х | Х | Х | Х | Х | Х | X |
| S500-500-R | 250 | 35 | 0.26 | 0.18 | 220 | Х | Х | Х | Х | Х | Х | Х |
| S500-630-R | 250 | 35 | 0.20 | 0.35 | 220 | Х | Х | Х | Х | Х | Х | X |
| S500-800-R | 250 | 35 | 0.14 | 0.67 | 190 | Х | Х | Х | Х | Х | Х | X |
| S500-1-R | 250 | 35 | 0.125 | 0.60 | 200 | Х | Х | Х | Х | Х | Х | Х |
| S500-1.25-R | 250 | 35 | 0.096 | 0.84 | 200 | Х | Х | Х | Х | Х | Х | X |
| S500-1.6-R | 250 | 35 | 0.066 | 1.6 | 190 | Х | Х | Х | Х | Х | Х | Х |
| S500-2-R | 250 | 35 | 0.043 | 4.2 | 150 | Х | Х | Х | Х | Х | Х | Х |
| S500-2.5-R | 250 | 35 | 0.034 | 6.1 | 150 | Х | Х | Х | Х | Х | Х | X |
| S500-3.15-R | 250 | 35 | 0.025 | 13 | 130 | Х | Х | Х | Х | Х | Х | Х |
| S500-4-R | 250 | 40 | 0.021 | 22 | 130 | Х | Х | Х | Х | Х | Х | Х |
| S500-5-R | 250 | 50 | 0.014 | 42 | 120 | Х | Х | Х | Х | Х | Х | Х |
| S500-6.3-R | 250 | 63 | 0.010 | 69 | 120 | Х | Х | Х | Х | Х | Х | Х |
| S500-8-R | 250 | 80 | 0.010 | N/A | 120 | Х | Х | | Х | Х | Х | |
| S500-10-R | 250 | 100 | 0.008 | N/A | 120 | Х | Х | | Х | Х | Х | |

DC Cold Resistance (Measured at <10% of rated current) Typical Melting I²t (I²t was measured at listed interrupting rating and rated voltage) Maximum Voltage Drop (Voltage drop was measured at 20°C ambient temperature at rated current)



Current In Amps

| | Packaging Code | | | | | |
|------------------|---|--|--|--|--|--|
| Packaging Prefix | Description | | | | | |
| BK | 100 fuses packed into a cardboard carton | | | | | |
| BK1 | 1,000 fuses packed into a poly bag | | | | | |
| TR2 | 1,500 fuses packed into tape on a reel (19.05mm lead wire length) | | | | | |
| | | | | | | |

| | Option Code | | | | | |
|-------------|---|--|--|--|--|--|
| Option Code | Description | | | | | |
| V | Axial leads - copper tinned wire with nickel plated brass endcaps | | | | | |

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Data Sheet 2052



S501 Series, Fast-Acting, Ceramic Tube

Description

- · Fast-acting high breaking capacity
- · Optional axial leads available
- 5 x 20mm physical size
- · Ceramic tube with silver-plated (50mA-400mA) and nickel-plated (500mA-10A) endcaps.
- Designed to IEC 60127-2

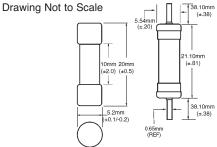
| Electrical Characteristics | | | | | | | | | |
|----------------------------|--------------------|--|-------|--------|-------|--------|-------|--|--|
| | 1.5 l _n | 1.5 l _n 2.1 l _n 2.75 l _n 4 l _n 10 l _r | | | | | | | |
| In | min | max | min | max | min | max | max | | |
| 50mA-4A | 60 min | 30 min | 10 ms | 2 sec | 3 ms | 300 ms | 20 ms | | |
| 5A-6.3A | 60 min | 30 min | 10 ms | 3 sec | 3 ms | 300 ms | 20 ms | | |
| 8A-10A | 30 min | 30 min | 40 ms | 20 sec | 10 ms | 1s | 30 ms | | |

Agency Information

- cURus: File E19180, Guide JDYX2, JDYX8
- CSA Component Acceptance: File 53787
- SEMKO Approval: File 413779
- VDE Approval: File 40015517
- IMQ Approval: File EB405
- CCC Approval: File 2005010207155691
- BSI Approval: File KM55676



Dimensions - mm



Ordering

- · Specify packaging, product, and option code
- Ratings above 6.3A have a 0.8mm diameter lead
- With TR2 packaging code, lead wire length is 19.05mm

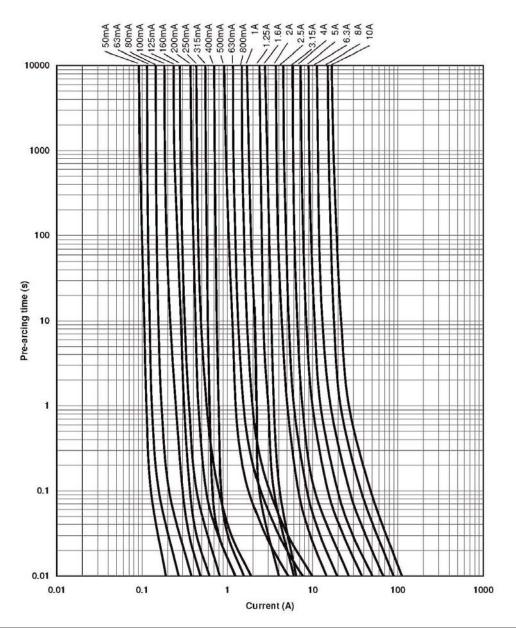
| | | | | pecificat | | | | | | | | | |
|-------------|--------|------------------------|-------------|-----------|------------|---|-----|-----|----------|-------|-----|-------|----------|
| _ | | Interrupting Rating at | | Typical | Typical | | | | gency Ap | | | | |
| Product | Rating | Rated Voltage (50Hz) | | | | | VDE | BSI | SEMKO | cURus | ccc | MITI/ | CSA |
| Code | Vac | Vac | <u>(Ω)*</u> | (amps) | Drop (mV)† | | | | | | | JET | <u> </u> |
| S501-50-R | 250 | 1500 | 157.5 | 0.0017 | 9000 | Х | Х | Х | Х | Х | Х | | Х |
| S501-63-R | 250 | 1500 | 39.0 | 0.0005 | 3300 | | | | | Х | Х | | Х |
| S501-80-R | 250 | 1500 | 27.9 | 0.0011 | 2600 | | | | | Х | | | Х |
| S501-100-R | 250 | 1500 | 20.0 | 0.0018 | 2300 | | | | | Х | | | Х |
| S501-125-R | 250 | 1500 | 12.3 | 0.0037 | 1900 | | | | | Х | | | Х |
| S501-160-R | 250 | 1500 | 8.5 | 0.008 | 1600 | Х | Х | Х | Х | Х | Х | | Х |
| S501-200-R | 250 | 1500 | 6.0 | 0.02 | 1350 | Х | Х | Х | Х | Х | Х | | Х |
| S501-250-R | 250 | 1500 | 4.4 | 0.027 | 1300 | Х | Х | Х | Х | Х | X | | Х |
| S501-315-R | 250 | 1500 | 3.3 | 0.01 | 1400 | Х | Х | Х | Х | Х | Х | | Х |
| S501-400-R | 250 | 1500 | 2.2 | 0.018 | 1200 | | | | | Х | | | Х |
| S501-500-R | 250 | 1500 | 0.460 | 0.038 | 1050 | Х | Х | Х | Х | Х | Х | | Х |
| S501-630-R | 250 | 1500 | 0.340 | 0.064 | 1200 | | | | | Х | | | Х |
| S501-800-R | 250 | 1500 | 0.245 | 0.097 | 490 | Х | Х | Х | Х | Х | X | | Х |
| S501-1-R | 250 | 1500 | 0.231 | 0.146** | 330 | | Х | | Х | Х | Х | Х | |
| S501-1.25-R | 250 | 1500 | 0.176 | 0.313** | 297 | | | | Х | Х | Х | Х | |
| S501-1.6-R | 250 | 1500 | 0.113 | 0.748** | 239 | | Х | | Х | Х | X | Х | |
| S501-2-R | 250 | 1500 | 0.073 | 2.0 | 205 | Х | Х | Х | Х | Х | Х | Х | X‡ |
| S501-2.5-R | 250 | 1500 | 0.053 | 3.9 | 190 | Х | Х | Х | Х | Х | Х | Х | X‡ |
| S501-3.15-R | 250 | 1500 | 0.037 | 8.1 | 160 | Х | Х | Х | Х | Х | Х | Х | X‡ |
| S501-4-R | 250 | 1500 | 0.027 | 14 | 160 | Х | Х | Х | Х | Х | Х | Х | X‡ |
| S501-5-R | 250 | 1500 | 0.019 | 25 | 155 | Х | Х | Х | Х | Х | Х | Х | X‡ |
| S501-6.3-R | 250 | 1500 | 0.014 | 48 | 150 | Х | Х | Х | Х | Х | Х | | X |
| S501-8-R | 250 | 1500 | 0.009 | N/A | N/A | Х | Х | Х | Х | Х | | | Х |
| S501-10-R | 250 | 1500 | 0.008 | N/A | N/A | Х | Х | Х | Х | Х | | | Х |

**

DC Cold Resistance (measured at <10% of rated current) I°t of 1A, 1.25A & 1.6A is measured at 10In DC Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current) CSA approvals on these ratings will not be marked on the fuse cap



Time -Current Curve



| | Packaging Code | | | | | |
|----------------|---|--|--|--|--|--|
| Packaging Code | Description | | | | | |
| BK | 100 fuses packed into a cardboard carton | | | | | |
| BK1 | 1,000 fuses packed into a poly bag | | | | | |
| TR2 | 1,500 fuses packed into tape on a reel (19.05mm lead wire length) | | | | | |

| | Option Code |
|-------------|---|
| Option Code | Description |
| V | Axial leads - copper tinned wire with nickel-plated brass endcaps |

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PowerStor[®]



S505 Series, Time-Delay, Ceramic Tube

Description

- Time-delay, high breaking capacity
- Optional axial leads available
- Ceramic tube, silver-plated endcap construction (500mA-800mA), nickel-plated brass endcap construction (1-12A)
- Optional sleeve is flexible flouropolymer (UL flammability rating VW-1)
- 5 x 20mm physical size
- Designed to IEC 60127-2 (500mA-10A) & extension 12A

| | Electrical Characteristics | | | | | | | | |
|----------|----------------------------|--------|--------|------|--------|-----|-------|--------|--|
| | 1.5 ln | 2.1 In | 2.7 | 5 In | 41 | n | 10 In | | |
| In | min | max | min | max | min | max | min | max | |
| <1A | 60 min | 30 min | 250 ms | 80s | 50 ms | 5s | 5 ms | 150 ms | |
| 1A-3.15A | 60 min | 30 min | 750ms | 80s | 95 ms | 5s | 10 ms | 150 ms | |
| 4A-6.3A | 60 min | 30 min | 750ms | 80s | 150 ms | 5s | 10 ms | 150 ms | |
| 8A-12A | 30 min | 30 min | 750ms | 80s | 150 ms | 5s | 10 ms | 150 ms | |

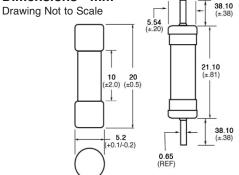
Agency Information

- UL Recognized Card: Guide JDYX2, File E19180
- CSA Component Acceptance: File 53787
- SEMKO: File 500496, 816547
- VDE: File 40014091, 40024352, 40023140
- BSI: File KM55676
- IMQ: File 00100, 00529
- PES+JET: File 1641-31003-1004,1641-31003-1011
- CCC: File 2002010207011295
- EK: File SU05011-4012A, SU0511-5014A
- FIMKO: File FI21555





Dimensions - mm



- Ratings above 4A have a maximum 0.81mm diameter lead
- · With TR2 packaging code, lead wire length is 19.05mm

Ordering

- · Specify packaging code
 - Insert packaging code prefix before part number. E.g. BK (or BK1)/S505-1-R
- · Specify option codes if desired
 - For axial leads, insert "V" between catalog series and amp rating. E.g., BK/S505-V-1-R

| | | | | | Specific | ations | | | | | | | | |
|-------------|---------|-------------------------------|--------------------|------------------------|--------------------|--------|-----|-------|----|----------|---------|-----|----|-----|
| | Voltage | Interrupting Rating (amps) | Typical DC Cold | Typical | Typical Voltage | | | | | | | | | |
| Part | Rating | @ Rated | Resistance | Pre-arching | Drop | | | | Ag | ency App | orovals | | | |
| Number | Vac | Vac (50Hz)* | $(\Omega)^{**}$ | I ² t AC*** | (mV)‡ | IMQ | VDE | SEMKO | UL | CCC | PSEJET | CSA | EK | BSI |
| S505-500-R | 250 | 1500 | 0.5070 | 0.188† | 295 | Х | Х | Х | Х | Х | | Х | | Х |
| S505-800-R | 250 | 1500 | 0.2370 | 0.632† | 189 | Х | Х | Х | Х | Х | | Х | | Х |
| S505-1-R | 250 | 1500 | 0.1401 | 1.28 | 152.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-1.25-R | 250 | 1500 | 0.1075 | 2.22 | 150 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-1.6-R | 250 | 1500 | 0.0700 | 6.78 | 125 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-2-R | 250 | 1500 | 0.0545 | 9.60 | 118.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-2.5-R | 250 | 1500 | 0.0395 | 16.60 | 115 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-3.15-R | 250 | 1500 | 0.0305 | 36.60 | 102.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-4-R | 250 | 1500 | 0.0185 | 38.45† | 86.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-5-R | 250 | 1500 | 0.0131 | 71.30† | 77.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-6.3-R | 250 | 1500 | 0.0033 | 197 | 75 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S505-8-R | 250 | 1500 | 0.0067 | 311 | 75 | Х | Х | Х | Х | | Х | Х | Х | Х |
| S505-10-R | 250 | 1500 | 0.0061 | 397 | 72 | Х | Х | Х | Х | | Х | Х | Х | Х |
| S505-12-R | 250 | 1000 | 0.0053 | 713.7† | 77 | | Х | | Х | | | | | |

 * Interrupting ratings (500mA to 10A were measured at 70% to 80% PF on.

** Typical DC Cold Resistance (Measured At <10% of rated current).

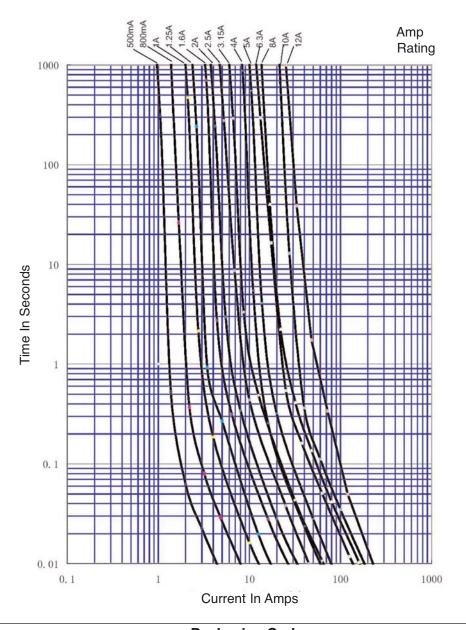
*** Typical Pre-Arching I²t (Measured at listed interrupting rating and rated voltage if not specified).

 \dagger The typical l^2t value was measured at 10 times of rated current under DC.

‡ Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current).



S505-R(500mA to 12A) Norminal Current Vs. Time Curve



| Packaging Code | | | | | |
|-----------------------|---|--|--|--|--|
| Packaging Code Prefix | Description | | | | |
| BK | 100 fuses packed into a cardboard carton | | | | |
| BK1 | 1,000 fuses packed into a poly bag | | | | |
| TR2 | 1,500 fuses packed into tape on a reel (19.05mm lead wire length) | | | | |
| | | | | | |

| | Option Code | | | | | | |
|-------------|--|--|--|--|--|--|--|
| Option Code | Description | | | | | | |
| V | Axial leads - copper tinned wire with nickel plated brass overcaps | | | | | | |

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PowerStor°



S506 Series, Time-Delay, Glass Tube

Description

- Time-delay, low breaking capacity
- · Optional axial leads available
- 5 x 20mm physical size
- Glass tube, nickel-plated brass endcap construction
- Designed to IEC 60127-2/3 (32mA-10A) &

extensions:12.5A-15A

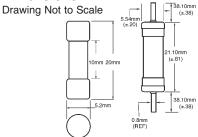
| S506 Electrical Characteristics | | | | | | | |
|---------------------------------|--------------------|--------|------------------|------------------------------------|-------|-------|--------|
| | 2.1 I _n | 2.7 | 5 I _n | 4 I _n 10 I _n | | | |
| I _n | max | min | max | min | max | min | max |
| 32mA-100mA | 2 min | 200 ms | 10 sec | 40 ms | 3 sec | 10 ms | 300 ms |
| 125mA-6.3A | 2 min | 600 ms | 10 sec | 150 ms | 3 sec | 20 ms | 300 ms |
| 8A-15A | 2 min | 600 ms | 10 sec | 150 ms | 3 sec | 20 ms | 300 ms |

Agency Information

- UL Recognized Card: Guide JDYX2, File E19180
- CSA Component Acceptance: File 1803366
- cURus Recognition: Guide JDYX8, File E19180
- SEMKO Approval: File 507078, 415434, 806492
- VDE Approval: File 40011926
- BSI Approval: File KM55676
- IMQ Approval: File E1921, CA03.00530
- PSE/JET: File JET1641-31003-1005, JET1641-31003-1006
- CCC Approval: File 2005010207155693, 2002010207011294



Dimensions - mm



Ratings above 4A have a 0.81mm diameter lead

Ordering

Specify product code

· Insert packaging code prefix before part number. E.g. BK/S506-1-R

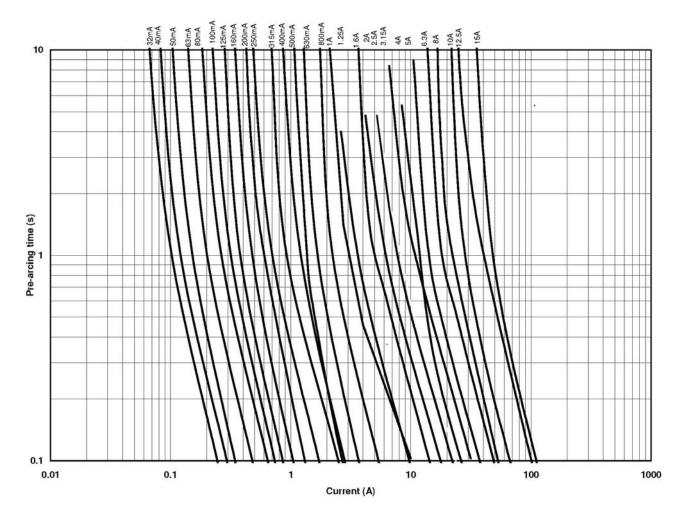
Specify option code if desired

 For axial leads, insert "V" between catalog series and amp rating. E.g. BK/S506-V-2-R

| | | | | Specific | cations | | | | | | | | | |
|-------------|---------|---------------------|-----------------------|--------------------------|------------|------------------|-----|-----|-------|----|-----|------|-----|-------|
| | Voltage | Interrupting Rating | Typical DC | Typical | Typical | Agency Approvals | | | | | | | | |
| Product | Rating | (amps) at Rated | Cold Resistance | Melting I ² t | Voltage | IMQ | VDE | BSI | SEMKO | UR | CCC | PSE/ | CSA | cURus |
| Code | Vac | Voltage (50Hz) Vac | (Ω) * | (amps) | Drop (mV)‡ | | | | | | | JET | | |
| S506-32-R | 250 | 35 | 21.0 | 0.0051 | 1050 | Х | Х | Х | Х | Х | Х | | | |
| S506-40-R | 250 | 35 | 13.90 | 0.0072 | 920 | Х | Х | Х | Х | Х | Х | | | |
| S506-50-R | 250 | 35 | 9.24 | 0.0095 | 800 | X | Х | Х | Х | Х | Х | | Х | |
| S506-63-R | 250 | 35 | 6.96 | 0.021 | 760 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-80-R | 250 | 35 | 4.42 | 0.038 | 580 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-100-R | 250 | 35 | 2.80 | 0.045 | 490 | X | Х | Х | Х | Х | Х | | Х | |
| S506-125-R | 250 | 35 | 1.97 | 0.063 | 390 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-160-R | 250 | 35 | 1.27 | 0.093 | 320 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-200-R | 250 | 35 | 1.00 | 0.114 | 340 | X | Х | Х | Х | Х | Х | | Х | |
| S506-250-R | 250 | 35 | 0.640 | 0.265 | 270 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-315-R | 250 | 35 | 0.450 | 0.621 | 250 | Х | Х | Х | Х | Х | Х | | Х | |
| S506-400-R | 250 | 35 | 0.31 | 0.872 | 210 | X | Х | Х | Х | Х | Х | | Х | |
| S506-500-R | 250 | 35 | 0.183 | 0.827 | 140 | Х | Х | Х | Х | Х | Х | | Х | Х |
| S506-630-R | 250 | 35 | 0.186 | 1.33 | 150 | Х | Х | Х | Х | Х | Х | | Х | Х |
| S506-800-R | 250 | 35 | 0.129 | 2.78 | 75 | Х | Х | Х | Х | Х | Х | | Х | Х |
| S506-1-R | 250 | 35 | 0.0757 | 6.45 | 87.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-1.25-R | 250 | 35 | 0.060 | 10.05 | 86 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-1.6-R | 250 | 35 | 0.0425 | 21.7 | 82 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-2-R | 250 | 35 | 0.03325 | 31.6 | 77 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-2.5-R | 250 | 35 | 0.0255 | 59.4 | 72.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-3.15-R | 250 | 35 | 0.0185 | 96.4 | 68.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-4-R | 250 | 40 | 0.0139 | 71.8 | 67 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-5-R | 250 | 50 | 0.00985 | 142.5 | 60.5 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-6.3-R | 250 | 63 | 0.0071 | 237.6 | 54 | Х | Х | Х | Х | Х | Х | Х | Х | Х |
| S506-8-R | 250 | 80 | 0.007 | 255.8 | 55 | Х | Х | Х | Х | Х | | Х | Х | Х |
| S506-10-R | 250 | 100 | 0.005 | 450 | 54 | Х | Х | Х | Х | Х | | Х | Х | Х |
| S506-12.5-R | 250 | 125 | 0.004 | 1019.5 | 45 | | | | | Х | | Х | | Х |
| S506-15-R | 250 | 125 | 0.004 | 1091.7 | 65.5 | | | | | Х | | Х | | Х |

DC Cold Resistance (measured at <10% of rated current) Typical Voltage Drop (voltage drop was measured at 20°C ambient temperature at rated current) ŧ

Nominal Time-Current Characterisitics of S506-R



| Packaging Code | | | | | |
|-----------------------|---|--|--|--|--|
| Packaging Code Suffix | Description | | | | |
| BK | 100 fuses packed into a cardboard carton | | | | |
| BK1 | 1,000 fuses packed into a poly bag | | | | |
| TR2 | 1,500 fuses packed into tape on a reel (19.05mm lead wire length) | | | | |
| Inz | | | | | |

| | Option Code |
|-------------|---|
| Option Code | Description |
| V | Axial leads - copper tinned wire with nickel plated brass endcaps |

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0709 BU-SB08673

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PowerStor°

TDC180 British Plug Top Fuse Fast/Medium

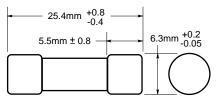


Catalog Symbol:TDC180 FAST/MEDIUM BRITISH PLUG TOP FUSE 240Vac BS1362, IEC 269-3A

Electrical Ratings (Catalog Symbol and Amperes)

| 240Vac | | |
|-----------|------------|------------|
| TDC180-1A | TDC180-5A | TDC180-13A |
| TDC180-2A | TDC180-7A | _ |
| TDC180-3A | TDC180-10A | _ |

Dimensional Data



Limits for Pre-arcing Time

| | 1.0 In. | 1.6 In. | 1.9 In. |
|----------|------------|---------|---------|
| In | MIN | MIN | MAX |
| 1A - 13A | 1000 hours | 30 min. | 30 min. |

| Rated Current | Rated Volt AC | Breaking Capacity | Power Dissipation Max. | Color | Approvals |
|------------------|-------------------|----------------------|---------------------------|-------|-----------|
| 1A | | | | Black | |
| 2A | 240 (264 max.) | | | Black | |
| ЗA | | 6000A | | Red | |
| 5A | | 264VAC, 50Hz | 1 Watt | Black | Asta, |
| 7A | | p.f. 0.3 - 0.4 | | Black | CCC |
| 10A | | | | Black | |
| 13A | | | | Brown | |

• Type TDC180.

- 1/4" x 1" fast/medium British plug top fuse.
- · Ceramic tube end caps: 2-5A nickel-plated brass

- 1A & 7A silver-plated copper

- 10-13A nickel-plated copper
- Packaging: x 10, x 100, x 1000.
- Weight: 2.25g ± 0.15g (2A to 13A inclusive)

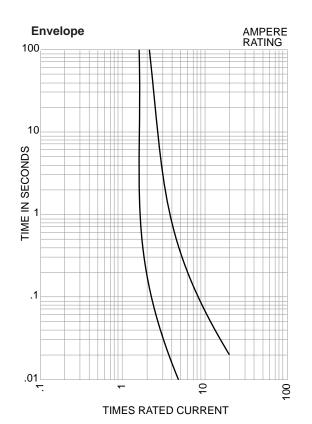
| CE logo denotes compliance with European Union Low Voltage Directive |
|--|
| (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact |
| Bussmann Application Engineering at 636-527-1270 for more information. |

Complies with EU Directive 2002/95/EC (RoHS)

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Form No. TDC180 Page 1 of 1 Data Sheet: 2042





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FUSEKIT R

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