

Surge Protection Made Simple™ for IEC Applications

IEC Class I Combined Lightning, Current and Surge Arrester for 230/400 Volt, 3-Pole TNC Systems



Description

The Cooper Bussmann® IEC Class I 230 Volt, three-pole, modular combined lightning, current and surge arresters feature local, <code>easyID™</code> visual indication and optional remote contact signaling. The unique module locking system fixes the protection module to the base part. Modules can be easily replaced without tools by simply depressing the release buttons. Integrated mechanical coding between the base and protection module ensures against installing an incorrect replacement module.

230 Volt models are offered with a MCOV rating of 255 volts.

TNC System Arrester

The features of these three-pole devices are for use in TN-C 230/400 Volt systems ("3-0" circuit) against surges.

Remote Signaling Contact

The three-pole terminal remote signaling contact versions have a floating changeover contact for use as a break or make contact, according to circuit concept.





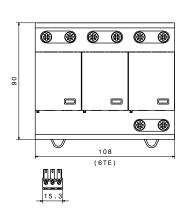


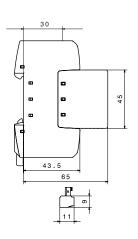






Dimensions - mm



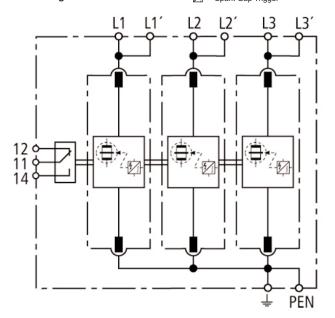


Shown with optional remote contact signaling

Circuit Diagrams

Creepage Discharge Spark Gap

Spark Gap Trigger



BSPS3255TNC(R)

Shown with optional remote contact signaling

Data Sheet 1164

www.cooperbussmann.com/Surge

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| System Voltage/Poles 230/400W/3 Max. Continuous operating AC voltage (MCOV) [Uc] 255V Max. Continuous operating AC voltage (MCOV) [Uc] 255V 2 | Ordering Information | | | | |
|---|--|---|--|--|--|
| Max. Continuous operating AC voltage (MCOV) [Uc] 255V Catalog Numbers: Without Remote Signaling BSPS3255TNC Replacement Module Spark Gap Technology BPS255IEC Specifications SPD accordinated protection effect with regard to the terminal equipment Type 1/Class I Energy-coordinated protection effect with regard to the terminal equipment Type 1 + Type 2 Energy-coordinated protection effect with regard to the terminal equipment (≤ 5m) Type 1 + Type 2 + Type 3 Nominal AC voltage [Uq] 2304/00V Lightning impulse current (10/250 µs) [L1+L2+L3-PEN] [I _{I/IIII} 75KA Specific energy [L1+L2-L3-PEN] [W/R] 1.40 Mi/ohms Lightning impulse current (10/250 µs) [L1-PEN] [I _{I/IIII} 25KA Specific energy [L1+L2-L3-PEN] [W/R] 1.56 £25kJohns Nominal discharge current (8/20 µs) [I _I] 2575kA Specific energy [L1-PEN] [W/R] 1.56 £25kJohns Nominal discharge current (8/20 µs) [I _I] 2575kA Specific energy [L1-PEN] [W/R] 1.56 £25kJohns Nominal discharge current (8/20 µs) [I _I] 2575kA Specific energy [L1-PEN] [W/R] 1.56 £25kJohns Nominal disch | <u>~</u> | | | | |
| Catalog Numbers: Without Remote Signaling BSPS3255TNCR | Max Continuous operating AC voltage (MCOV) [Lc] | | | | |
| With Remote Signaling | | | | | |
| Replacement Module | | | | | |
| Specifications | | | | | |
| SPD according to EN 61643-11 IEC 61643-1 Type 1 - Type 2 | | | | | |
| Energy-coordinated protection effect with regard to the terminal equipment Type 1 + Type 2 | | | | | |
| Energy-coordinated protection effect with regard to the terminal equipment (≤ 5m) Type 1 + Type 2 + Type 3 | | | | | |
| Nominal AC voltage [U _N] | | | | | |
| Lightning impulse current (10/350 μs) [L1+L2+L3-PEN] [kmg] 75kA Specific energy [L1+EL]-3-PEN] [kmg] 1.40 MJ/ohms Lightning impulse current (10/350 μs) [L-PEN] [kmg] 25kA Specific energy [L-PEN] [kmg] 156.25kJ/ohms Nominal discharge current (8/20 μs) [kmg] 25/75kA Nominal discharge current (8/20 μs) [kmg] ≤ 1.5kW Follow current textinguishing capability AC [kmg] 50kA rms Follow current timitation/Selectivity no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) Max. Backup fuse (1 up to [k] = 50kA rms 315A gL/gG Max. Backup fuse (1 up to [k] = 50kA rms 200A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 200A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 125A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 200A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 315A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 125A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 315A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 315A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 315A gL/gG Max. Backup fuse (1 up to [k] > 50kA rms 315kB-gL/gG | | | | | |
| Specific energy [L1+L2+L3-PEN] [W/R] 1.40 MJ/ohms | Lightning impulse current (10/350 µs) [L1+L2+L3-PEN] [Itotal] | 75kA | | | |
| Lightning impulse current (10/350 µs); [L-PEN] [limp] 25kA Specific energy [L-PEN] [WR] 156.25kJ/ohms Nominal discharge current (8/20 µs) [n] 25/75kA Voltage protection level [Up] ≤ 1.5kV Follow current extinguishing capability AC [ft] 50kA rms Follow current limitation/Selectivity no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) Response time [tt] ≤ 100 ns Max. Backup fuse (L) up to k = 50kA rms 315A gL/gG Max. Backup fuse (L) to k > 50kA rms 200A gL/gG [see Max. Backup fuse (L) to k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L) for k > 50kA rms | | 1.40 MJ/ohms | | | |
| Specific energy [L-PEN] [WR] 156.25kJ/bhms Nominal discharge current (8/20 µs) [h] 25/75kA 25/7 | | 25kA | | | |
| Nominal discharge current (8/20 μs) [In] 25/75kA Voltage protection level [Up] ≤1.5kV Follow current extinguishing capability AC [In] 50kA rms Follow current imitation/Selectivity no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) Response time [I _A] ≤ 100 ns Max. Backup fuse (L) up to I _K = 50kA rms 200A gL/gG Max. Backup fuse (L) Up to I _K > 50kA rms 200A gL/gG Max. Backup fuse (L-1) 125A gL/gG Max. Backup fuse (L-1) 440V/s sec. TOV characteristics withstand Operating temperature range [parallel]/[continuity] [Tij] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1, L2, L2, L3, L3, PEN, ½) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Mounting 35mm DlN rall per to EN 60715 Enclosure material Thermoplastic, UL 94V0 Location category Indoor Degree of protection IP20 Capacity 6 mods., DlN 43880 | | 156.25kJ/ohms | | | |
| Voltage protection level [Up] ≤ 1.5kV Follow current extinguishing capability AC [In] 50kA rms Follow current imitation/Selectivity no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) Response time [I _A] ≤ 100 ns Max. Backup fuse (L) up to I _K = 50kA rms 315A gL/gG Max. Backup fuse (L) for I _K > 50kA rms 200A gL/gG Max. Backup fuse (L-1) 125A gL/gG Temporary overvoltage (TOV) [Ut] 440V/5 sec. TOV characteristics withstand Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1, L2, L2, L3, L3, PEN, ½) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94VO Location category Indoor Degree of protection KEMA Prouct Warranty Five Years* | | 25/75kA | | | |
| Follow current limitation/Selectivity no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) Response time [t _A] | | ≤ 1.5kV | | | |
| Response time [t _A] ≤ 100 ns Max. Backup fuse (L) up to k ≤ 50kA rms 315A gL/gG Max. Backup fuse (L) for k > 50kA rms 200A gL/gG Max. Backup fuse (L-L) 125A gL/gG Temporary overvoltage (TOV) [UT] 440V/5 sec. TOV characteristics withstand Operating temperature range [parallel]/[continuity] [Tu] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, ½) [min.] 10mm² solid/flexible Cross-sectional area (L1, L1', L2, L3, PEN) [max.] 35mm²/1AWG stranded-35mm²/2AWG flexible Cross-sectional area (L1', L2', L3', ½) [max.] 35mm DIN rail per to EN 60715 Enclosure material Themoplastic, UL 94VO Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor | Follow current extinguishing capability AC [Ifi] | 50kA rms | | | |
| Max. Backup fuse (L) up to I _K = 50kA rms 315A gL/gG Max. Backup fuse (L) for I _K > 50kA rms 200A gL/gG Max. Backup fuse (L-L) 125A gL/gG Temporary overvoltage (TOV) [UT] 440V/5 sec. TOV characteristics withstand Operating temperature range [parallel]/[continuity] [Tu] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, ½) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94VO Location category Indoor Location category Indoor Location category Remote Contact Signaling Five Years* Five Years* Remote Contact Signaling Five Years* CA Switching Capacity (Volts/Amps) 250V/0.1A, 125V/0.2A, 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Follow current limitation/Selectivity | no tripping of a 20A gL/gG fuse up to 50kA rms (prosp.) | | | |
| Max. Backup fuse (L) for I _K > 50kA rms 200A gL/gG Max. Backup fuse (L-L) 125A gL/gG Temporary overvoltage (TOV) [U _T] 440V/5 sec. TOV characteristics withstand Operating temperature range [parallel]/[continuity] [T _U] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, ⅓) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Cross-sectional area (L1', L2', L3', ⅓) [max.] 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm²/2AWG stranded-25mm²/4AWG flexible Location category Indoor Location category Indoor Location category Indoor Location category Indoor Location category Remote Contact Signaling in KEMA Product Warranty Five Years* Remote Contact Signaling ing ing per contact Signaling ing ing per contact Signaling i | Response time [t _A] | ≤ 100 ns | | | |
| Max. Backup fuse (L-L) 125A gL/gG Temporary overvoltage (TOV) [Ut] 440V/5 sec. TOV characteristics withstand Operating temperature range [parallel]/[continuity] [Tu] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1′, L2, L2′, L3, L3′, PEN, ½) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-25mm²/2AWG flexible Cross-sectional area (L1′, L2′, L3′, ½) [max.] 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94VO Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A, 125V/0.2A, 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Max. Backup fuse (L) up to $I_K = 50$ kA rms | 315A gL/gG | | | |
| Temporary overvoltage (TOV) [Uti] A40V/5 sec. TOV characteristics Withstand Operating temperature range [parallel]/[continuity] [Tu]] Operating state/fault indication Operating state/fault indication Number of ports Cross-sectional area (L1, L1′, L2, L2′, L3, L3′, PEN, ½) [min.] Cross-sectional area (L1, L2, L3, PEN) [max.] Cross-sectional area (L1′, L2′, L3, PEN) [max.] Cross-sectional area (L1′, L2′, L3′, ½) [max.] Somm²/1AWG stranded-25mm²/2AWG flexible Cross-sectional area (L1′, L2′, L3′, ½) [max.] Somm²/2AWG stranded-25mm²/4AWG flexible Mounting Somm DIN rail per to EN 60715 Thermoplastic, UL 94V0 Location category Indoor Degree of protection P20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Changeover Contact AC Switching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Max. Backup fuse (L) for $I_K > 50$ kA rms | 200A gL/gG | | | |
| TOV characteristics withstand Operating temperature range [parallel]/[continuity] [T _U] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, | | 125A gL/gG | | | |
| Operating temperature range [parallel]/[continuity] [T _U] -40°C to +80°C/-40°C to +60°C Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1′, L2, L2′, L3, L3′, PEN, ⅓) [min.] 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Cross-sectional area (L1′, L2′, L3′, ⅓) [max.] 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94V0 Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Temporary overvoltage (TOV) [U _T] | 440V/5 sec. | | | |
| Operating state/fault indication green (good)/red (replace) Number of ports 1 Cross-sectional area (L1, L1, L2, L3, L3, PEN, Imax.) 10mm² solid/flexible Cross-sectional area (L1, L2, L3, PEN) [max.] 50mm²/1AWG stranded-35mm²/2AWG flexible Cross-sectional area (L1', L2', L3', ⅓) [max.] 35mm²/2AWG stranded-25mm²/4AWG flexible Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94VO Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A, 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Number of ports Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, ⅓) [min.] Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN) [max.] Cross-sectional area (L1, L2, L3, PEN) [max.] Cross-sectional area (L1', L2', L3', ⅓) [max.] Mounting Enclosure material Location category Degree of protection Capacity Capacity Five Years* Remote Contact Signaling Type AC Switching Capacity (Volts/Amps) DC Switching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 10mm² solid/flexible 50mm²/1AWG stranded-25mm²/2AWG flexible 35mm DIN rail per to EN 60715 Thermoplastic, UL 94V0 Indoor IP20 6 mods., DIN 43880 KEMA Five Years* Changeover Contact 4C Switching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals | | -40°C to +80°C/-40°C to +60°C | | | |
| Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, | | green (good)/red (replace) | | | |
| Cross-sectional area (L1, L2, L3, PEN) [max.]50mm²/1AWG stranded-35mm²/2AWG flexibleCross-sectional area (L1′, L2′, L3′, | Number of ports | 1 | | | |
| Cross-sectional area (L1, L2, L3, PEN) [max.]50mm²/1AWG stranded-35mm²/2AWG flexibleCross-sectional area (L1′, L2′, L3′, | Cross-sectional area (L1, L1', L2, L2', L3, L3', PEN, 🛓) [min,] | 10mm ² solid/flexible | | | |
| Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94V0 Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Cross-sectional area (L1, L2, L3, PEN) [max.] | | | | |
| Mounting 35mm DIN rail per to EN 60715 Enclosure material Thermoplastic, UL 94V0 Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | Cross_sectional area // 1 / 12′ 13′ ⊥ \ [may] | 25mm²/2NN/G stranded_25mm²/4NN/G flevible | | | |
| Enclosure material Thermoplastic, UL 94V0 Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Location category Indoor Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Degree of protection IP20 Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | · | | | |
| Capacity 6 mods., DIN 43880 Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Standards Information KEMA Product Warranty Five Years* Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) 250V/0.1A DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Product Warranty Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) CSwitching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals Five Years* Changeover Contact 250V/0.1A 250V/0.1A 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals | | | | | |
| Remote Contact Signaling Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) CSwitching Capacity (Volts/Amps) CSwitching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals | | | | | |
| Remote Contact Signaling Type Changeover Contact AC Switching Capacity (Volts/Amps) DC Switching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals Changeover Contact 250V/0.1A 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| AC Switching Capacity (Volts/Amps) DC Switching Capacity (Volts/Amps) Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 250V/0.1A; 125V/0.2A; 75V/0.5A 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| DC Switching Capacity (Volts/Amps) 250V/0.1A; 125V/0.2A; 75V/0.5A Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | | | | | |
| Conductor Ratings and Cross-Sectional Area for Remote Contact Signal Terminals 60/75°C Max. 1.5mm²/14AWG Solid/Flexible | DC Switching Capacity (Volts/Amps) | | | | |
| | | | | | |
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^{*} See Cooper Bussmann SPD Limited Warranty Statement (3A1502) for details at www.cooperbussmann.com/surge.

| Recommended Cooper Bussmann NH DIN Size Back Up Fuses | | | |
|---|---------------------------|------|----------------------------|
| Size | NH Fuse Part Number | Size | NH Fuse Part Number |
| 00 | 125NHG00B (max L-L) | 02 | 125NHG02B (max L-L) |
| 0 | 125NHG0B (max L-L) | 02 | 200NHG02B (max L lk >50kA) |
| 01 | 125NHG01B (max L-L) | 2 | 315NHG2B (max L ≤50kA) |
| 1 | 200NHG1B (max L lk >50kA) | 03 | 315NHG03B (max L ≤50kA) |

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