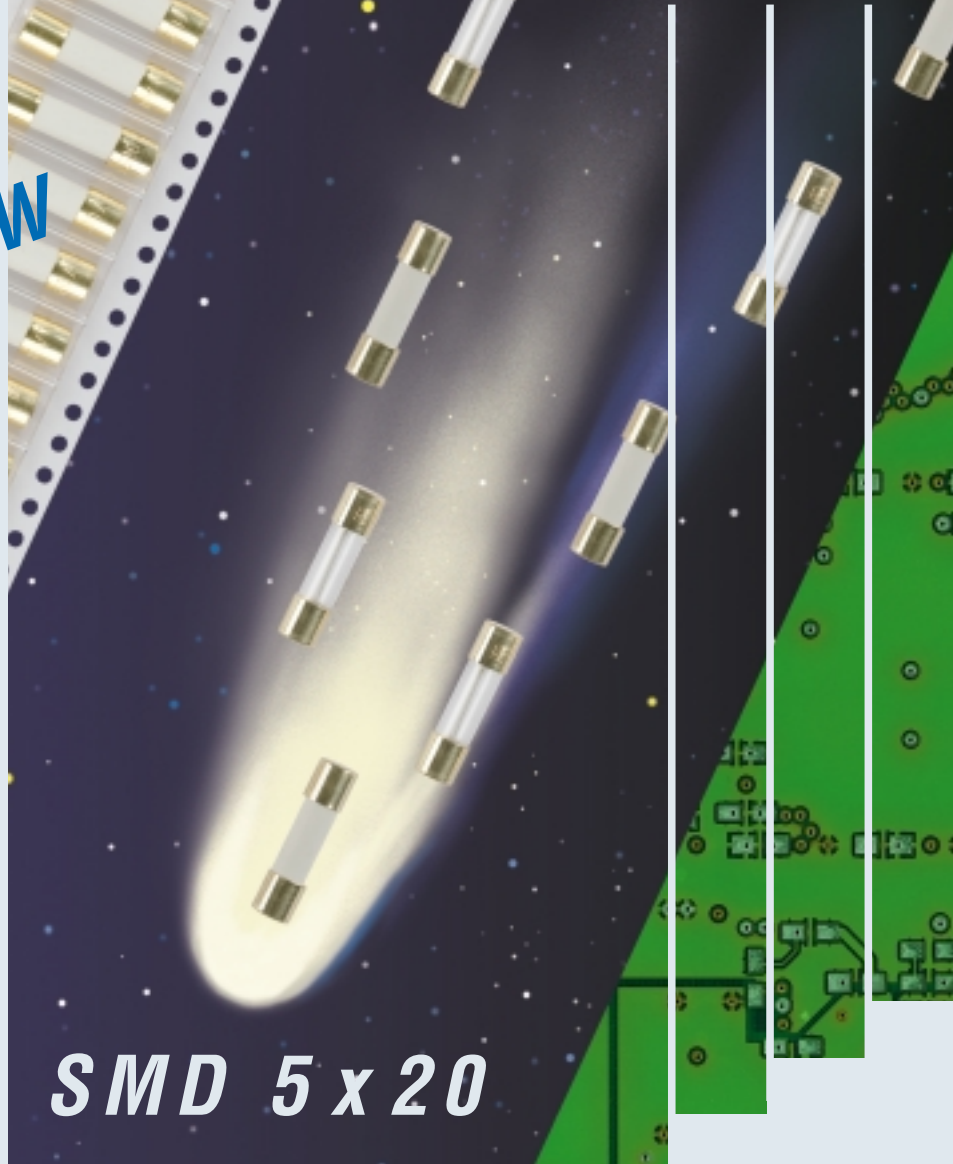


NEW



SMD 5 x 20

***SURFACE MOUNTING
MINIATURE FUSE-LINKS***

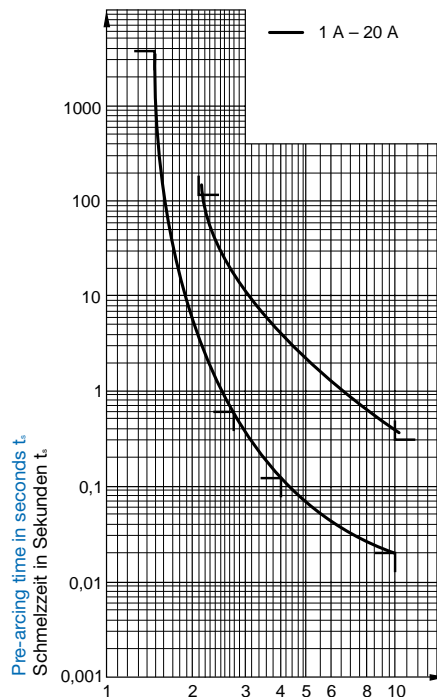
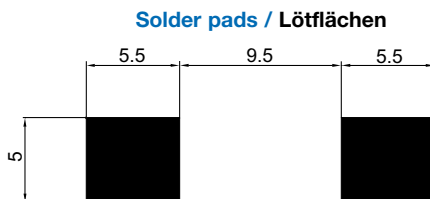
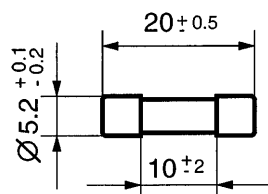
***OBERFLÄCHENMONTAGE
G-SICHERUNGSEINSÄTZE***

Miniature fuse-links
Type SMD-FST 5 × 20

time-lag T
low breaking capacity L
Glass tube

G-Sicherungseinsätze
Typ SMD-FST 5 × 20

träge T
kleines Ausschaltvermögen L
Glasrohr



Multiple of rated current I.
Vielfaches des Nennstromes I.

Approvals / Approbationen

| | | |
|---------------------------|---|---|
| Marks / Prüfzeichen | | |
| Order No. / Bestell-Nr.: | | |
| 0034.5617.-0034.5627.XX | P | P |
| 0034.5628.XX-0034.5630.XX | | P |

P = pending / angemeldet

Pre-arcing time/current characteristic (at T_v 23 °C)

Zeit-Strom-Charakteristik (bei T_v 23 °C)

| n · I _n Rated current I _n / Nennstrom I _n | 1,5 · I _n | | 2,1 · I _n | | 2,75 · I _n | | 4 · I _n | | 10 · I _n | |
|--|----------------------|-------|----------------------|------|-----------------------|------|--------------------|--------|---------------------|------|
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| 1 A – 6.3 A | 60 min | 2 min | 600 ms | 10 s | 150 ms | 3 s | 20 ms | 300 ms | | |
| 8 A – 20 A | 30 min | 2 min | 600 ms | 10 s | 150 ms | 3 s | 20 ms | 300 ms | | |

| Order No. / Bestell Nr. | Rated current I _n / Rated voltage U _n / Nennstrom I _n Nennspannung U _n | Breaking capacity / Ausschaltvermögen | Voltage drop / Spannungsfall at / bei I _n | | Sustained power dissipation / Max. Verlustleistung at / bei 1,5 I _n | | Pre-arcing I ² t / Schmelz I ² t at / bei 10xI _n |
|----------------------------|---|---|--|------------------------------|--|-----------------------------|---|
| | | | typisch Schurter mV | max. IEC 60 127-2/3 mV | typisch Schurter W | max. IEC 60 127-2/3 W | |
| | | | 0034.5617.XX | 1 A / 250 V | 35 A / 250 V AC / p.f. / cos φ = 1 | 60 | |
| 0034.5618.XX | 1.25 A / 250 V | 60 | 150 | 0.3 | | 1.6 | 5.5 |
| 0034.5619.XX | 1.6 A / 250 V | 60 | 150 | 0.3 | | 1.6 | 10.5 |
| 0034.5620.XX | 2 A / 250 V | 60 | 150 | 0.3 | | 1.6 | 16 |
| 0034.5621.XX | 2.5 A / 250 V | 60 | 120 | 0.4 | | 1.6 | 21.9 |
| 0034.5622.XX | 3.15 A / 250 V | 60 | 100 | 0.5 | | 1.6 | 47 |
| 0034.5623.XX | 4 A / 250 V | 10 x I _n / 250 V AC / p.f. / cos φ = 1 | 60 | 100 | 0.8 | 1.6 | 68.3 |
| 0034.5624.XX | 5 A / 250 V | | 60 | 100 | 0.9 | 1.6 | 102 |
| 0034.5625.XX | 6.3 A / 250 V | | 60 | 100 | 1 | 1.6 | 190 |
| 0034.5626.XX | 8 A / 250 V | | 60 | 100 | 1.3 | 4 | 275 |
| 0034.5627.XX | 10 A / 250 V | | 60 | 100 | 1.3 | 4 | 520 |
| 0034.5628.XX | 12.5 A / 250 V * | | 60 | * | 2.5 | * | 750 |
| 0034.5629.XX | 16 A / 250 V * | | 60 | * | 3.3 | * | 1638 |
| 0034.5630.XX | 20 A / 250 V * | | 60 | * | 4.2 | * | 3057 |

XX Index for packaging / Index für Verpackung

All measurements are carried out in a test equipment following IEC 60 127-2 /
Alle Messungen werden in einem Prüfhalter nach IEC 60 127-2 durchgeführt

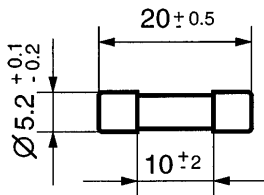
* Not mentioned in the IEC standard (Pre-arcing time / current characteristics following IEC) /
Nicht in der IEC-Norm enthalten (Zeit- Strom- Charakteristik in Anlehnung an IEC)

Miniature fuse-links
Type SMD-FTT 5 × 20

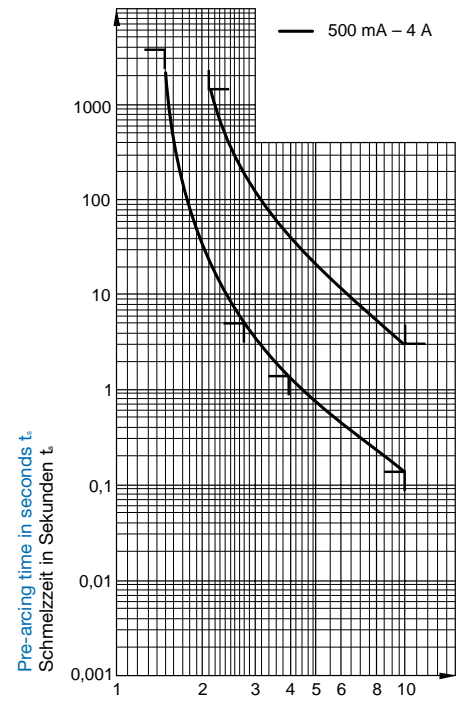
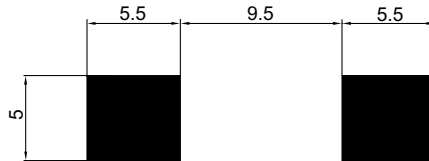
super-time-lag TT
low breaking capacity
Glass tube

G-Sicherungseinsätze
Typ SMD-FTT 5 × 20

superträge TT
kleines Ausschaltvermögen
Glasrohr



Solder pads / Lötflächen



Multiple of rated current I_r
Vielfaches des Nennstromes I_r

Approvals / Approbationen

| | |
|--------------------------|---|
| Marks / Prüfzeichen | |
| Order No. / Bestell-Nr.: | |
| 0034.5710-0034.5719 | P |

P = pending / angemeldet

Pre-arcing time/current characteristic (at T_a 23 °C)

Zeit-Strom-Charakteristik (bei T_a 23 °C)

| Rated current I_r / Nennstrom I_r | $1,5 \cdot I_r$ * | | $2,1 \cdot I_r$ | | $2,75 \cdot I_r$ | | $4 \cdot I_r$ | | $10 \cdot I_r$ | |
|---------------------------------------|-------------------|--------|-----------------|-------|------------------|------|---------------|------|----------------|------|
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| 500 mA - 4 A | 60 min | 30 min | 5 s | 200 s | 1.5 s | 40 s | 150 ms | 3 s | | |

* Non fusing current I_{mf} / Kleiner Prüfstrom I_{mf}

| Order No. / Bestell Nr. | Rated current I_r / Rated voltage U_r / Nennstrom I_r / Nennspannung U_r | Breaking capacity / Ausschaltvermögen | Voltage drop / Spannungsfall at / bei I_r | | Sustained power dissipation / Max. Verlustleistung at / bei $1,5 I_r$ | Pre-arcing I^2t / Schmelz I^2t at / bei $10xI_r$ |
|-------------------------|--|---|---|------------------|---|--|
| | | | typisch Schurter mV | max. Schurter mV | | |
| 0034.5710.XX | 0.5 A / 250 V | 35 A / 250 V AC, p.f. / cos φ = 1 | 250 | 800 | 0.44 | 7.9 |
| 0034.5711.XX | 0.63 A / 250 V | | 200 | 700 | 0.47 | 13.7 |
| 0034.5712.XX | 0.8 A / 250 V | | 160 | 500 | 0.54 | 19.6 |
| 0034.5713.XX | 1 A / 250 V | | 150 | 250 | 0.54 | 19.4 |
| 0034.5714.XX | 1.25 A / 250 V | | 105 | 200 | 0.35 | 63 |
| 0034.5715.XX | 1.6 A / 250 V | | 100 | 200 | 0.65 | 87 |
| 0034.5716.XX | 2 A / 250 V | | 100 | 200 | 0.80 | 124 |
| 0034.5717.XX | 2.5 A / 250 V | | 90 | 150 | 0.85 | 258 |
| 0034.5718.XX | 3.15 A / 250 V | | 90 | 100 | 1.00 | 395 |
| 0034.5719.XX | 4 A / 250 V | | 80 | 100 | 1.15 | 410 |

XX Index for packaging / Index für Verpackung

All measurements are carried out in a test equipment following IEC 60 127-2 / Alle Messungen werden in einem Prüfhalter nach IEC 60 127-2 durchgeführt

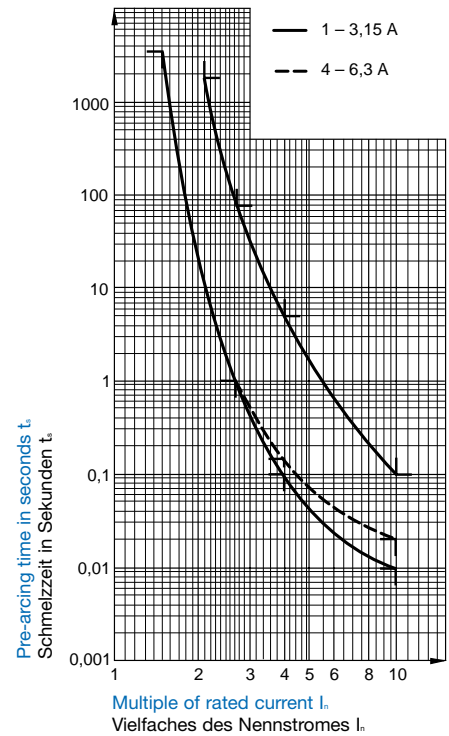
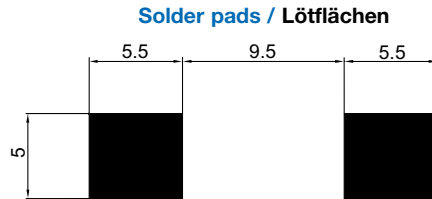
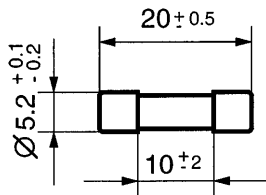
* Not mentioned in the IEC standard (Pre-arcing time / current characteristics following IEC) / Nicht in der IEC-Norm enthalten (Zeit-Strom-Charakteristik in Anlehnung an IEC)

Miniature fuse-links
Type SMD-SPT 5 × 20

time-lag T
high breaking capacity H
Ceramic tube

G-Sicherungseinsätze
Typ SMD-SPT 5 × 20

träge T
grosses Ausschaltvermögen H
Keramikrohr



Approvals / Approbationen

| | | | |
|--------------------------|---|---|----|
| Marks / Prüfzeichen | | | US |
| Order No. / Bestell-Nr.: | | | |
| 0001.2704.XX-2714.XX | P | P | |
| 0001.2715.XX-2716.XX | | P | |

P = pending / angemeldet

Pre-arcing time/current characteristic (at T_v 23 °C)

Zeit-Strom-Charakteristik (bei T_v 23 °C)

| n · I _n Rated current I _r / Nennstrom I _n | 1,5 · I _n * | | 2,1 · I _n | | 2,75 · I _n | | 4 · I _n | | 10 · I _n | |
|--|------------------------|--------|----------------------|------|-----------------------|------|--------------------|--------|---------------------|------|
| | min. | max. | min. | max. | min. | max. | min. | max. | min. | max. |
| 1 A – 3.15 A | 60 min | 30 min | 1 s | 80 s | 95 ms | 5 s | 10 ms | 100 ms | | |
| 4 A – 6.3 A | 60 min | 30 min | 1 s | 80 s | 150 ms | 5 s | 20 ms | 100 ms | | |
| 8 A – 16 A | 30 min | 30 min | 1 s | 80 s | 150 ms | 5 s | 20 ms | 100 ms | | |

* Non fusing current I_{nf} / Kleiner Prüfstrom I_{nf}

| Order No. / Bestell Nr. | Rated current I _n / Rated voltage U _n / Nennstrom I _n / Nennspannung U _n | Breaking capacity / Ausschaltvermögen | Voltage drop / Spannungsfall at / bei I _n | | Sustained power dissipation / Max. Verlustleistung at / bei 1,5 I _n | | Pre-arcing I ² t / Schmelz I ² t at / bei 10xI _n A ² s |
|----------------------------|---|--|--|------------------------------|--|-----------------------------|---|
| | | | typisch Schurter mV | max. IEC 60 127-2/5 mV | typisch Schurter W | max. IEC 60 127-2/5 W | |
| | | | 0001.2704.XX | 1 A / 250 V | IEC: 1500 A / 250 V AC / p.f. / cos φ 0.7-0.8 UL: 10000 A / 125 V AC / p.f. / cos φ 0.7-0.8 | 180 | |
| 0001.2705.XX | 1.25 A / 250 V | 150 | 250 | 0.5 | | 2.5 | 1.86 |
| 0001.2706.XX | 1.6 A / 250 V | 130 | 200 | 0.5 | | 2.5 | 4.35 |
| 0001.2707.XX | 2 A / 250 V | 120 | 190 | 0.6 | | 2.5 | 9.2 |
| 0001.2708.XX | 2.5 A / 250 V | 100 | 180 | 0.6 | | 2.5 | 11.7 |
| 0001.2709.XX | 3.15 A / 250 V | 100 | 140 | 0.8 | | 4.0 | 33.7 |
| 0001.2710.XX | 4 A / 250 V | 90 | 100 | 0.9 | | 4.0 | 62.4 |
| 0001.2711.XX | 5 A / 250 V | 90 | 100 | 1.2 | | 4.0 | 97.5 |
| 0001.2712.XX | 6.3 A / 250 V | 70 | 100 | 1.2 | | 4.0 | 171 |
| 0001.2713.XX | 8 A / 250 V | 70 | 100 | 1.3 | | 4.0 | 268 |
| 0001.2714.XX | 10 A / 250 V | 70 | 100 | 2.1 | | 4.0 | 400 |
| 0001.2715.XX | 12.5 A / 250 V * | 70 | * | 3.1 | | * | 563 |
| 0001.2716.XX | 16 A / 250 V * | 70 | * | 4.0 | | * | 1272 |

XX Index for packaging / Index für Verpackung

All measurements are carried out in a test equipment following IEC 60 127-2 /

Alle Messungen werden in einem Prüfhalter nach IEC 60 127-2 durchgeführt

* Not mentioned in the IEC standard (Pre-arcing time / current characteristics following IEC) /

Nicht in der IEC-Norm enthalten (Zeit- Strom- Charakteristik in Anlehnung an IEC)

1) UL: 1000A / 250 V AC / p.f. / cos φ 1

2) UL: 500 A / 125 V AC / p.f. / cos φ 0,7-0,8

1000 A / 125 V AC / p.f. / cos φ 1

500 A / 250 V AC / p.f. / cos φ 1

Additional technical Data:

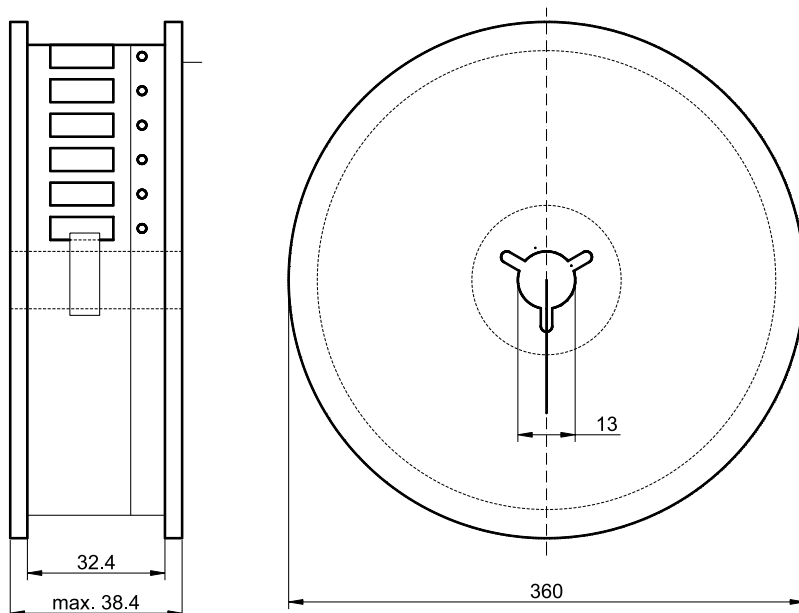
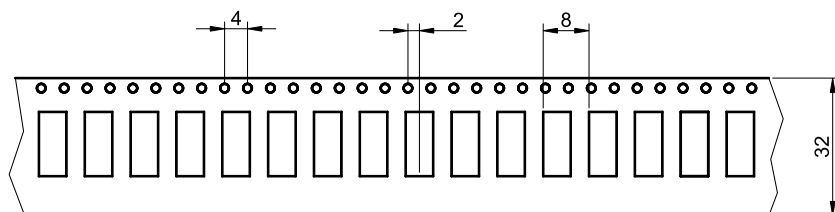
Marking: Rated voltage, rated current, H / L (IEC-Symbol for breaking capacity)
 FST / SPT: T (time-lag)
 FTT: TT (super-time-lag)
Storage temperature max.: 40 °C / 70% r.H.
Ambient temperature max.: T_a -40°C to +125°C
Resistance to vibration: acc. to IEC 60068-2-6, test Fc: Frequency 10–2000 Hz, cross-over frequency 60 Hz
 < 60 Hz: amplitude 0.75 mm
 > 60 Hz: acceleration 20g
Resistance to shock: 981 m/s² (100g), 6 ms, acc. to IEC 60068-2-27, test Ea
Climatic category: GPF acc. to DIN 40040
Solderability: Reflow- and Wave soldering 235 °C / 2 sec. acc. to IEC 60068-2-58 test Td
Soldering heat resistance: 260 °C / 10 sec. acc. to IEC 60068-2-58 test Td
Materials: Housing glass / hard glass
 Terminals Ms / Ni-Au coated
Net weight pieces % 100 g

Zusätzliche technische Daten:

Kennzeichnung: Nennspannung, Nennstrom, H / L (IEC-Symbol für das Schaltvermögen)
 FST / SPT: T (träge)
 FTT: TT (superträge)
max. Lagertemperatur: 40 °C / 70% r.F.
Zulässige Umgebungstemp.: T_u -40°C bis +125°C
Vibrationsfestigkeit: nach IEC 60068-2-6, Test Fc: Frequenzbereich 10–2000 Hz, Übergangsfrequenz 60 Hz
 < 60 Hz: Amplitude 0.75 mm
 > 60 Hz: Beschleunigung 20g
Schockbeständigkeit: 981 m/s² (100g), 6 ms, nach IEC 60068-2-27, Test Ea
Klimakategorie: GPF nach DIN 40040
Lötbarkeit: Reflow- und Wellenlötung 235 °C / 2 Sek. nach IEC 60068-2-58 Test Td
Lötwärmebeständigkeit: 260 °C / 10 Sek. nach IEC 60068-2-58 Test Td
Werkstoffe: Gehäuse Glas / Hartglas
 Anschlüsse Ms / Ni-Au beschichtet
Nettogewicht % Stück 100 g

Explanation to the approvals / Erläuterungen zu den Genehmigungen:

| Country / Land: | Authority / Genehmigungsstelle | Type of authorization / Art der Genehmigung | Test norm / Prüfnorm | Approval / Prüfzeichen |
|-----------------------|--------------------------------|---|--|------------------------|
| USA / Canada | UL | Recognition | FST / FTT / SPT: following / in Anlehnung an UL 248.14 | us |
| Germany / Deutschland | VDE | Mark approval Zeichen-Genehmigung | FST: IEC 60 127-2/3 SPT: IEC 60 127-2/5 | |


Packaging / Verpackung: 0001.XXXX.XX

- 11 = Boxes of 100 pieces / lose geschüttet à 100 Stück
- 22 = Taped and reeled 2000 pieces / Blistergurt à 2000 Stück



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