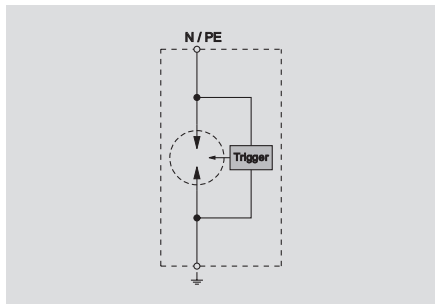


Klasse I lightning arrester

- encapsulated version
- no decoupling necessary thanks to trigger electronics
- Suitable as N-PE arrester
- Suitable for lightning protection classes I, II, III, IV.

PU 1 TSG+ 100 kA / 1,5 kV-260 V

for use as N-PE arrester



Technical data

Technical data

Rated voltage (AC)
 max. continuous voltage, U_c (AC)
 Requirements class to IEC 61643-1
 Lightning test voltage I_{imp} (10/350 μs)
 Specific energy, per path
 Short-circuit current extinction without back-up fuse
 Short-circuit strength with max. back-up fuse
 Response time
 Fuse, max.
 Protection level Up (typical)
 Optical function indicator
 Ambient temperature (operational)
 Storage temperature
 Approvals

230 V
 260 V
 Class I
 100 kA with 50 As charge
 2500 kJ/Ω
 100 A 260 V/50 Hz
 ≤ 1 μs
 100 A gL
 1500 V
 no
 -40 ... 85°C
 -40 ... 85°C
 cURus;File E198315;KEMA

Dimensions

Clamping range (rating- / min. / max.) mm²
 Length x width x height mm

50 / 6 / 50
 90 x 36 x 63

Note

Ordering data

Version
 without telecomm. contact

Type	Qty.	Order No.
PU 1 TSG 100kA/1,5 kV	1	8762020000

Note

Cross-connection QB 18-4 order No. 8619440000
 Cross-connection QB 18-6 order No. 8619450000

Accessories

Note

Designation BZ18, PE PE PE PE PE, Order No. 8619470000
 Designation BZ18, L1 L2 L3 N PE, order No. 8619460000

Surge protection for low-voltage supplies

Klasse I lightning arrester

- Blow-out version
- no decoupling necessary thanks to trigger electronics
- suitable for networks with high short-circuit currents
- Suitable for lightning protection classes I, II, III, IV.

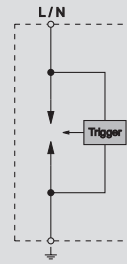
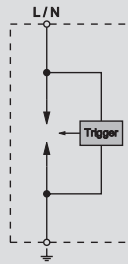
PU 1 TSG+ 50 kA / 0.9 kV-330 V

for use in industrial systems



PU 1 TSG+ 50 kA / 1.5 kV-440 V

for use in industrial systems



Technical data

Technical data

Rated voltage (AC)
max. continuous voltage, U_c (AC)
Requirements class to IEC 61643-1
Lightning test voltage I_{imp} (10/350 μ s)
Specific energy, per path
Short-circuit current extinction without back-up fuse
Short-circuit strength with max. back-up fuse
Response time
Fuse, max.
Protection level Up (typical)
Optical function indicator
Ambient temperature (operational)
Storage temperature
Approvals

330 V
330 V
Class I
50 kA with 25 As charge
625 kJ/ Ω
50 kA / 50 Hz
25 kA_{eff}
 \leq 150 ns
250 A gL
900 V
green LED
-40 ... 85°C
-40 ... 85°C
cURus;File E198315;KEMA

440 V
440 V
Class I
50 kA with 25 As charge
625 kJ/ Ω
50 kA / 50 Hz
25 kA_{eff}
 \leq 150 ns
250 A gL
1500 V
green LED
-40 ... 85°C
-40 ... 85°C
cURus;File E198315;KEMA

Dimensions

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

35 / 10 / 35
150 x 35 x 80

35 / 10 / 35
150 x 35 x 80

Note

Ordering data

Version

without telecomm. contact

Type	Qty.	Order No.
PU1 TSG Plus 330 VAC 0,9kV	1	8561220000

Type	Qty.	Order No.
PU1 TSG Plus 440 VAC 1,5kV	1	8561250000

Note

QB 36-3 cross-connection, order no. 8816090000
QB 36-4 cross-connection, order no. 8816100000

QB 36-3 cross-connection, order no. 8816090000
QB 36-4 cross-connection, order no. 8816100000

Accessories

Note

Designation BZ18, PE PE PE PE PE, Order No. 8619470000
Designation BZ18, L1 L2 L3 N PE, order No. 8619460000

Designation BZ18, PE PE PE PE PE, Order No. 8619470000
Designation BZ18, L1 L2 L3 N PE, order No. 8619460000