

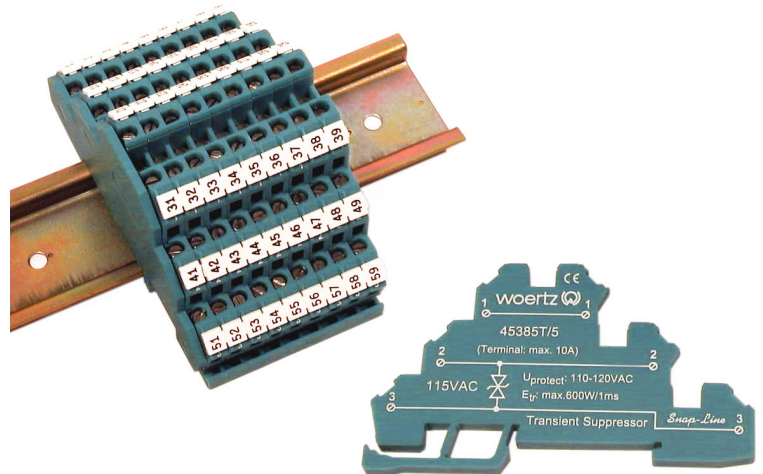
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Transient suppressor

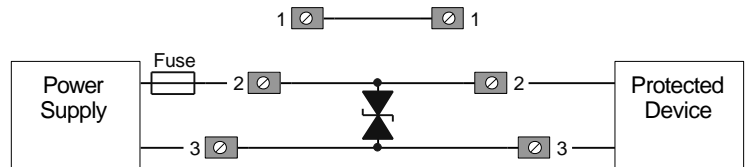
Features

- Very fast overvoltage protection for sensitive devices
- Absorbs power pulses up to 600W during 1ms (10/1000µs wave-shape)
- If overloaded, it makes a short circuit, thus giving an excellent protection together with a fuse.
- Through-going conductors for high security
- Bidirectional protection
- Integrated, isolated extra terminal



Accessories

- 30407T End barrier
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 30409/x Cross connection with screws x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, blue
- 80247, 48 Test plug red, black
- 30455/55xx Labels for custom use RB5x5



Typical application

Technical Data (Ta = 25°C)

Protection Diodes

Maximum pulse energy

600W/ 1ms

2kW/ 100µs

100A

57/ 33/ 16/ 8.6/ 3.6A

2.2/ 1A

6.8VDC ±5%

13/ 27/ 51/ 120VDC ±5%

141/ 283VAC ±5%

2W (5W/ 60s)

Maximum surge current (one half wave 60Hz)

Maximum repetitive surge current: 5/ 12/ 24/ 48/ 110VDC

Maximum repetitive surge current: 115/ 230VAC

Breakdown voltage at 10mA: 5VDC

Breakdown voltage at 1mA: 12/ 24/ 48/ 110VDC

Breakdown voltage at 1mA: 115/ 230VAC

Maximum continuous overload

General Data

Temperature range

-55°C to +80°C

Maximum supply current through terminal

10A

Nominal cross section of connecting terminals

2.5mm² (AWG24-14)

Maximum torque

0.4Nm

Dimensions L x W x H (from the rail)

5.08 x 86.5 x 44mm

Order Numbers

5VDC
 12VDC
 24VDC
 48VDC
 110VDC
 115VAC
 230VAC

45385T/7
45385T/1
45385T/2
45385T/3
45385T/9
45385T/5
45385T/4