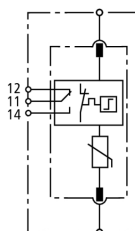


DSIT S CSP DC 48 FM (921 098)

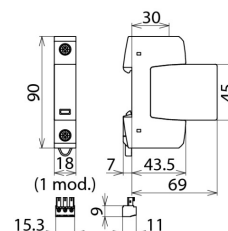
- Multi-purpose surge arrester consisting of a base element and plug-in protection module
- High discharge capacity due to heavy-duty zinc oxide varistor
- High reliability due to "Thermo Dynamic Control" SPD monitoring device



Figure without obligation



Basic circuit diagram DSIT S CSP DC 48 FM



Dimension drawing DSIT S CSP DC 48 FM

Pluggable single-pole surge arrester consisting of a base part and plug-in protection module; with floating remote signalling contact.

Type	DSIT S CSP DC 48 FM
Part No.	921 098
SPD according to EN 61643-11 / IEC 61643-11	type 1 + type 2 / class I + class II
Nominal voltage (d.c.) (U_N)	48 V
Nominal voltage (a.c.) (U_N)	60 V (50 / 60 Hz)
Max. continuous operating voltage (d.c.) (U_C)	100 V
Max. continuous operating voltage (a.c.) (U_C)	75V (50 / 60 Hz)
Lightning impulse current (10/350 μ s) (I_{imp})	12.5 kA
Specific energy (W/R)	39.06 kJ/Ohm
Nominal discharge current (8/20 μ s) (I_n)	12.5 kA
Max. discharge current (8/20 μ s) (I_{max})	60 kA
Voltage protection level (U_P)	≤ 0.4 kV
Response time (t_A)	≤ 25 ns
Max. mains-side overcurrent protection	160 A gG
Short-circuit withstand capability for max. mains-side overcurrent protection (I_{SCCR})	25 kA _{rms}
Operating temperature range (T_U)	-40 °C ... +80 °C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (min.)	1.5 mm ² solid / flexible
Cross-sectional area (max.)	35 mm ² stranded / 25 mm ² flexible
For mounting on	35 mm DIN rails acc. to EN 60715
Enclosure material	thermoplastic, gray, UL 94 V-0
Place of installation	indoor installation
Degree of protection	IP 20
Capacity	1 module(s), DIN 43880
Approvals	UL
Type of remote signalling contact	changeover contact
Switching capacity (a.c.)	250 V / 0.5 A
Switching capacity (d.c.)	250 V / 0.1 A; 125 V / 0.2 A; 75 V / 0.5 A
Test values according to UL 1449	-----
- SPD classification according to UL 1449	type 1 component assembly
- Voltage Protection Rating (VPR)	0,3 kV
- Nominal discharge current (8/20 μ s) (I_n)	20 kA
Weight	124 g
Customs tariff number	85363030
GTIN	4013364269996
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.