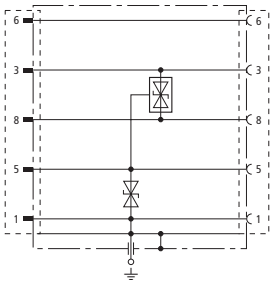
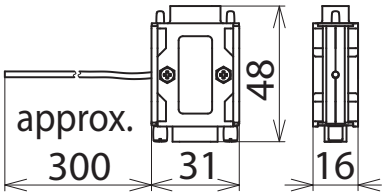
FS 9E PB 6 (924 017)

- Adapted to Profibus-DP
- Transmission up to 12 MBit/s
- For installation in conformity with the lightning protection zone concept at the boundaries from 1 – 2 and higher





Basic circuit diagram



Dimension drawing

Surge arrester for Profibus-DP. 9-pin SUB-D version, pin 6 unprotected for the programming interface.

Type	**FS 9E PB 6**
Part No.	**924 017**
SPD class	TYPE 4 P1
Nominal voltage (U_N)	6 V
Max. continuous operating voltage DC (U_C)	7 V
C1 Nominal discharge current (8/20 µs) line-line (I_n)	0.2 kA
C1 Nominal discharge current (8/20 µs) line-SG (I_n)	0.2 kA
C1 Nominal discharge current (8/20 µs) SG-PG (I_n)	0.4 kA
C2 Nominal discharge current (8/20 µs) line-SG (I_n)	0.2 kA
Voltage protection level line-line for I_n C1 (U_P)	≤ 32 V
Voltage protection level line-SG for I_n C1 (U_P)	≤ 32 V
Voltage protection level SG-PG for I_n C1 (U_P)	≤ 25 V
Voltage protection level line-line at 1 kV/µs C3 (U_P)	≤ 25 V
Voltage protection level line-SG at 1 kV/µs C3 (U_P)	≤ 25 V
Voltage protection level SG-PG at 1 kV/µs C3 (U_P)	≤ 18 V
Cut-off frequency (f_G)	90 MHz
Capacitance line-line (C)	25 pF
Capacitance line-SG (C)	35 pF
Operating temperature range (T_U)	-40 °C ... +80 °C
Degree of protection	IP 40
For mounting on	SUB-D (2 threaded screws 4/40 UNC)
Connection (input / output)	SUB-D 9 plug / SUB-D 9 socket
Pinning	line: 3/8, SG: 5, PG: 1, 6: unprotected
Earthing via	outgoing earthing conductor (0.75 mm²)
Enclosure material	plastic, metallised
Colour	silver
Test standards	IEC 61643-21 / EN 61643-21

Masterdata	
Net weight	30.4 g/pc(s)
GTIN	4013364045934
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85363010

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.