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

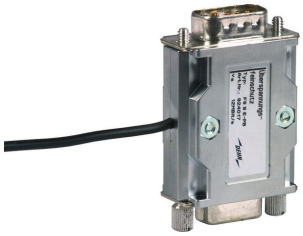
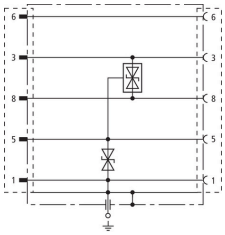
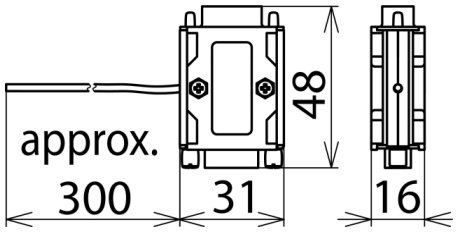


Figure without obligation



Basic circuit diagram FS 9E PB 6



Dimension drawing FS 9E PB 6

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

Type Part No.	FS 9E PB 6 924 017
SPD class	TYPE 4 P1
Nominal voltage (U_N)	6 V
Max. continuous operating voltage (d.c.) (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
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_C)	≤ 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 mm^2)
Length of the connecting line	300 mm (PG)
Enclosure material	plastic, metallised
Colour	silver
Test standards	IEC 61643-21 / EN 61643-21
Weight	30 g
Customs tariff number (Comb. Nomenclature EU)	85363010
GTIN	4013364045934
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.