

## S-PT1-2PE-24DC/P

Order No.: 2818216



Spare PCB for screw on module for conduit systems, with two conductor protection for a 2-core floating signal circuit. Design: 24 V DC

Commercial data	
EAN	4017918148409
Pack	10 pcs.
Customs tariff	85363010
Weight/Piece	0.02663 KG
Catalog page information	Page 55 (TT-2002)

### Product notes

WEEE/RoHS-compliant since:  
07/27/2006



Technical data	
<b>General</b>	
Ambient temperature (operation)	-40 °C ... 65 °C
Mounting type	Connection-specific intermediate plugging
Design	Screw-on module
Direction of action	Line-Line & Line-Earth Ground

**Protective circuit**

Nominal voltage $U_N$	24 V DC
Max. operating voltage $U_{max}$	28 V DC
Nominal current $I_N$	250 mA (25°C)
Operating effective current $I_C$ at $U_C$	$\leq 5 \mu A$
Nominal discharge surge current $I_n$ (8/20) $\mu s$ (Core-Core)	10 kA
Output voltage limitation at 1 kV/ $\mu s$ (Core-Core) spike	$\leq 40 V$
Output voltage limitation at 1 kV/ $\mu s$ (Core-Earth) spike	$\leq 450 V$
Protection level $U_P$ (Core-Core)	$\leq 55 V$
Protection level $U_P$ (Core-Earth)	$\leq 550 V$
Response time $t_A$ (Core-Core)	$\leq 1 ns$
Response time $t_A$ (Core-Earth)	$\leq 100 ns$
Resistance in series	10 $\Omega$

**Connection data**

Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section stranded max.	1.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16

**Certificates / Approvals**

Certification

GOST, UL

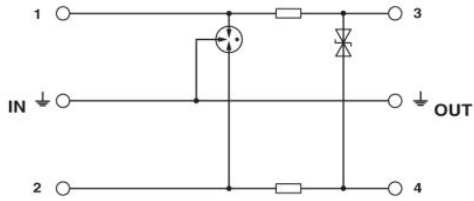
Certification Ex:

CUL-EX LIS, UL-EX LIS

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**Drawings**

Circuit diagram



Approval logo (Ex area)

