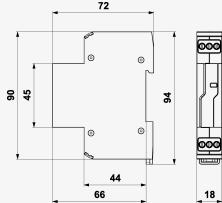
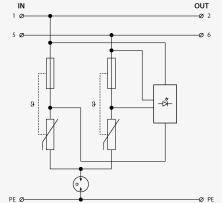


# DP-024-25

## SPD - for data, signalling and telecommunications lines / I&C / Supply (DP and DMP) - compact

Surge protection for ELV of AC/DC power supply networks  
visual fault singalling

- surge protection for all types of LV electric and electronic equipments against surge voltage
- installation to ELV installations, close to protected equipment
- for protection of the equipments against impact of induced overvoltages during a lightning strike or switching overvoltages

	Product dimensions	Basic circuit diagram
		

Parameter name	Parameter value
Type of SPD	T3
Location of SPD	ST 2
Mounting	DIN rail 35 mm
Nominal voltage	$U_n$ 24 V AC
Maximum operating voltage	$U_c$ 36.00 V AC
Maximum operating voltage	$U_c$ 36.00 V DC
Nominal load current	$I_L$ 25.000 A
Maximum overcurrent protection	25 A gL/gG or C 25 A
C2 nominal discharge current (8/20 µs) per core	$I_n$ 2.00 kA
Test voltage L+ - L-	4.0 kV
Test voltage L+(L-)-PE	4.0 kV
voltage protection level L+ - L-	0.23 kV
voltage protection level L+(L-)-PE	0.55 kV
C2 voltage protection level mode core-PE at In	$U_p$ 550 V
C2 voltage protection level mode core-core at In	$U_p$ 230 V
Response time L+ - L-	25 ns

Response time L+(L-) - PE	100 ns
Connection (input - output)	terminals-terminals
Cross-section of connected conductors solid (max)	6.00 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)	6.00 mm <sup>2</sup>
Fault indication	red indicator
Degree of protection	IP 20
Range of ambient temperatures (min/max)	-40 / 80 °C
Humidity	5 - 95 %
According to standard	EN 61643-11:2012, IEC 61643-11:2011
ETIM Class	EC000942
Customs tariff number	85363030
EAN	8595090560975
Order number	A06097

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