

SDS® Surge Defence System

INDUSTRIAL



MODEL

SDS ID DIN T400VA60C

APPLICATION

- Lightning and transients protector of electrical cabinets, electrical/electronic systems
- Used for suppressions of electrical arcs and line noise
- Designed to provide clean supply voltage to critical equipment

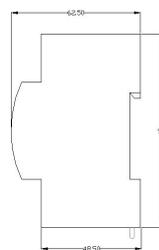
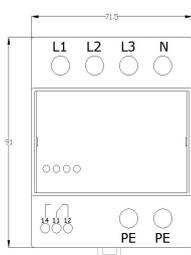
FEATURES

- Unbeatable capability of diverting lightning energy
- Three-Phase device with individual phase protection level status indicator
- Residual protection voltage $L_{1,2,3}-N < 600Vpk$
- Extremely low insertion loss
- M5 screw terminal blocks - wire section 3AWG/25mm²
- Double GND terminal for "V" connection
- Common and Differential Mode (CM - DM) protection
- Din bar mounting - Width 71,5mm (4M)
- Shunt installation

SPECIFICATIONS

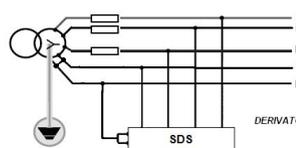
SPECIFICATIONS		Three-Phase Systems
1.	Typology	Three-Phase Systems
2.	Line Voltage L-L (L-N)	400Vac (230Vac)
3.	Frequency	50/60Hz
4.	Connection - Power terminal blocks(mm ²)	min 2,5 ~ max 25 M5 screws
5.	Connection - Power terminal blocks (AWG)	min 14 ~ max 3 M5 screws
6.	Immunity EN61000-4-5 (Zi=2Ω)	10KV
7.	Nominal Current Impulse In 8/20us	5KA
8.	Maximum Current Impulse I _{MAX} 8/20us	20 KA
9.	Protection Mode (DM, CM)	L _{1,2,3} -N, L _{1,2,3} -PE, N-PE, L1-L2
10.	Protection Voltage Level @ 5kA 8/20us - Up	<600Vpk (L _{1,2,3} -N, L _{1,2,3} -PE, N-PE)
11.	Protection Voltage Level @ 5kA 8/20us - Up	<1000Vpk (L1-L2, L2-L3, L1-L3)
12.	Security reference	EN60950 EN61010
13.	Inflammability	UL94-V0
14.	Installation	DIN rail (EN50022)
15.	Case	DIN 43880
16.	Dimension (W)	71,5 mm
17.	Wight	350g
18.	Case material UL94-V0	Nory modified PPO resin
19.	RAL	7035
20.	Operative Temperature	-25~70°C
21.	Ground insertion loss	300uA (micro Ampere)
22.	Marking per LVD	CE
23.	Phase Green led on	Input voltage OK / protection OK
24.	Cumulative RED led on	Aged or damaged device or low voltage
25.	Both Red/Green indication	Low line voltage or low protection capability
26.	Remote contact NC (optional)	Close = damaged device or not alimted

LAYOUT

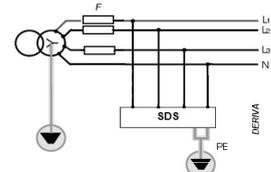


INSTALLATION

Shunt Connection (TN)



Shunt Connection(TT)





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CODE	DESCRIPTION
SDSIDT400VA60B	SDS - 400VAC 3-PHASE 50/60HZ - LED indication
SDSIDT400VA60C	SDS - 400VAC 3-PHASE 50/60HZ - LED indication + remote alarm signalling SPDT

Note: other configurations available up to your request