

SDS SURGE DEFENCE SYSTEM RAILWAYS SYSTEM



MODEL

SDSRWT400VA60C

APPLICATION

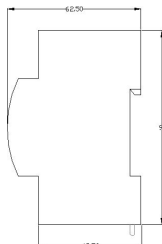
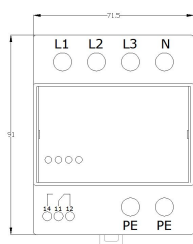
- Lightning and transients protector of electrical cabinets, electrical/electronic systems for railway signaling applications
- Used for suppressions of electrical arcs and line noise
- Designed to provide clean supply voltage for sophisticated equipment

CARATTERISTICHE

- Unbeatable capability of diverting lightning energy
- Residual protection voltage L-N L-PE < 540Vpk
- Extremely low insertion loss
- Single phase device with protection level status indication
- Differential and Common Mode protection (DM, CM)
- Din mounting with In-line or Shunt connection possibility
- Built-to-meet EN50155 class-T1

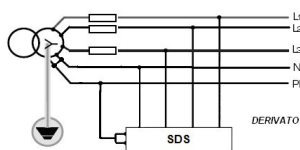
SPECIFICATIONS		
1.	Typology	Three-Phase Systems
2.	Line Voltage L-L (L-N)	400Vac (230Vac)
3.	Frequency	50/60Hz
4.	Connection - Power terminal blocks(mm²)	min 2,5 ~ max 25 M5 screws
5.	Connection - Power terminal blocks (AWG)	min 14 ~ max 3 M5 screws
6.	Immunity EN61000-4-5 (Zi=2Ω)	10KV
7.	Nominal Current 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.	T1 Class	EN50155
13.	Safety standard	EN60950 EN61010
14.	Flammability	UL94-V0
15.	Installation	DIN rail (EN50022)
16.	Case	4 units DIN 43880
17.	Case material	Thermoplastic Ral-7035 UL-V0
18.	Operative Temperature	-25~70°C
19.	Ground insertion loss	300uA (micro Ampere)
20.	Marking per LVD	CE
21.	Phase Green led on	Input voltage OK / protection OK
22.	Cumulative RED led on	Aged or damaged device or low voltage
23.	Both Red/Green indication	Low line voltage or low protection capability
24.	Remote contact NC (optional)	Close = damaged device or not alimented

DIMENSION

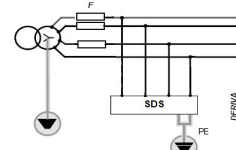


INSTALLATION

Shunt Connection (TN)



Shunt Connection(TT)



CODE

DESCRIPTION

VOLTAGE [V]

DIMENSION L/H/W [mm]

WEIGHT [Kg]



SDS
SURGE DEFENCE SYSTEM
RAILWAYS SYSTEM

SDSRWT400VA60C	SDSTHREE PHASE DIAGNOSTIC LED + REMOTE ALARM	400 A.C	71,5/91/62,5	0,370