

SDD3-50-130-RPU Surge Diverter

Novaris RPU surge protectors offer unsurpassed protection for Railway Points Systems in the event of power surges and transient disturbances, thereby limiting the damage to valuable electrical and electronic equipment and down time.

Once the disturbance has passed the surge diverter will automatically reset and electronic systems can return to normal operation, thereby minimising costly downtime.



SDD3-30-130-RPU



Electrical Specifications

Connection type		Shunt
Modes of protection		All mode
Lines		2
Nominal voltage	U_0	24V DC
Maximum continuous voltage	U_c	31V DC
Maximum discharge current (8/20 μ s)	I_{max}	50kA
Voltage protection level @ 3kA (8/20 μ s)	U_p	<150V
Response time	t_A	<5ns
Earth leakage current		<10 μ A
Display		LED status
Recommended backup fuse (HRC)		32A

Mechanical Specifications

Operating temperature / humidity	-40 to +65°C / 0 to 90% non-condensing	
Terminal capacity - power		16mm ²
Terminal screw torque - power		1.0Nm
Environmental		IP 20
Mounting		TS35 DIN rail
Enclosure / Colour		Metal / black
Weight		230g

Dimensions

Width	36mm
Height	95mm
Depth	70mm

**Due to continued product development Novaris reserves the right to change these specifications without prior notice*

Standards Compliance

IEC 61643-1 class II, III
AS/NZS 1768 categories B,C
IEEE C62.41 categories A, B
BS 6651 categories A, B
CP 33 categories A, B
IEC 1000-4-5-1995
UL1449 third edition

