

**SDD3-30-130-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 $\mu$ s)	$I_{max}$		50kA
Voltage protection level @ 3kA (8/20 $\mu$ s)	$U_p$		<150V
Response time	$t_A$		<5ns
Earth leakage current			<10 $\mu$ 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 <sup>2</sup>
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

