

ECD2-100-350-RPU

ECD earth clamp

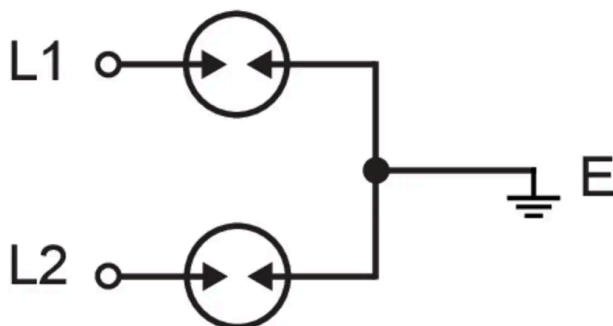
Novaris ECD surge protectors provides a means to electrically protect railway signalling systems during transient disturbances by limiting the damaging potential differences normally seen during a surge. Once the disturbance has passed the earth clamp will automatically reset and electronic systems can return to normal operation, thereby minimising costly downtime. Electrical



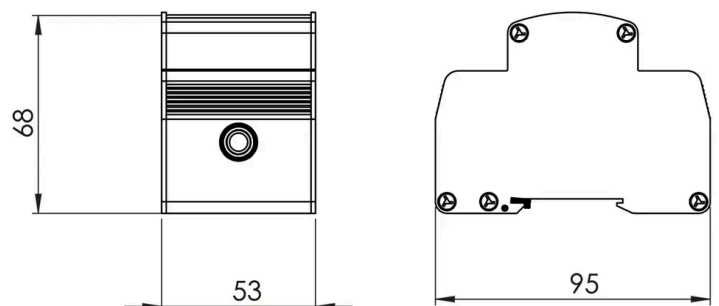
Image for illustrative purposes only

The colour of the grommets will change starting from 2026. All phases will be black, neutral will be black, and earth will be green

Wiring





Dimensions
















Product Datasheet

Electrical Specifications

Connection type		Shunt
Number of lines		2
Active elements		Gas discharge tube
DC spark over voltage	U_c	350V
Maximum discharge current (8/20 μ s)	I_{max}	150kA
Lightning impulse current (10/350 μ s)	I_{imp}	30kA
Voltage tolerance		$\pm 20\%$
Voltage protection level @ 1kV/ μ s		<800V
Maximum discharge current		10kA
Capacitance		10pF

Mechanical Specifications

Minimum operating temperature		-40°C
Maximum operating temperature		70°C
Minimum operating humidity		5%
Maximum operating humidity		95%
Mounting method		TS35 DIN Rail
Environmental rating		IP20
Enclosure material		Aluminium
Enclosure finish		Black powdercoat
Terminal capacity - power		16mm ²
Terminal screw torque - power		2Nm
Length		95mm
Width		54mm
Height		68mm

Shipping Specifications

Weight		500g
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Other Specifications

Product Code		ECD2-100-350-RPU
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