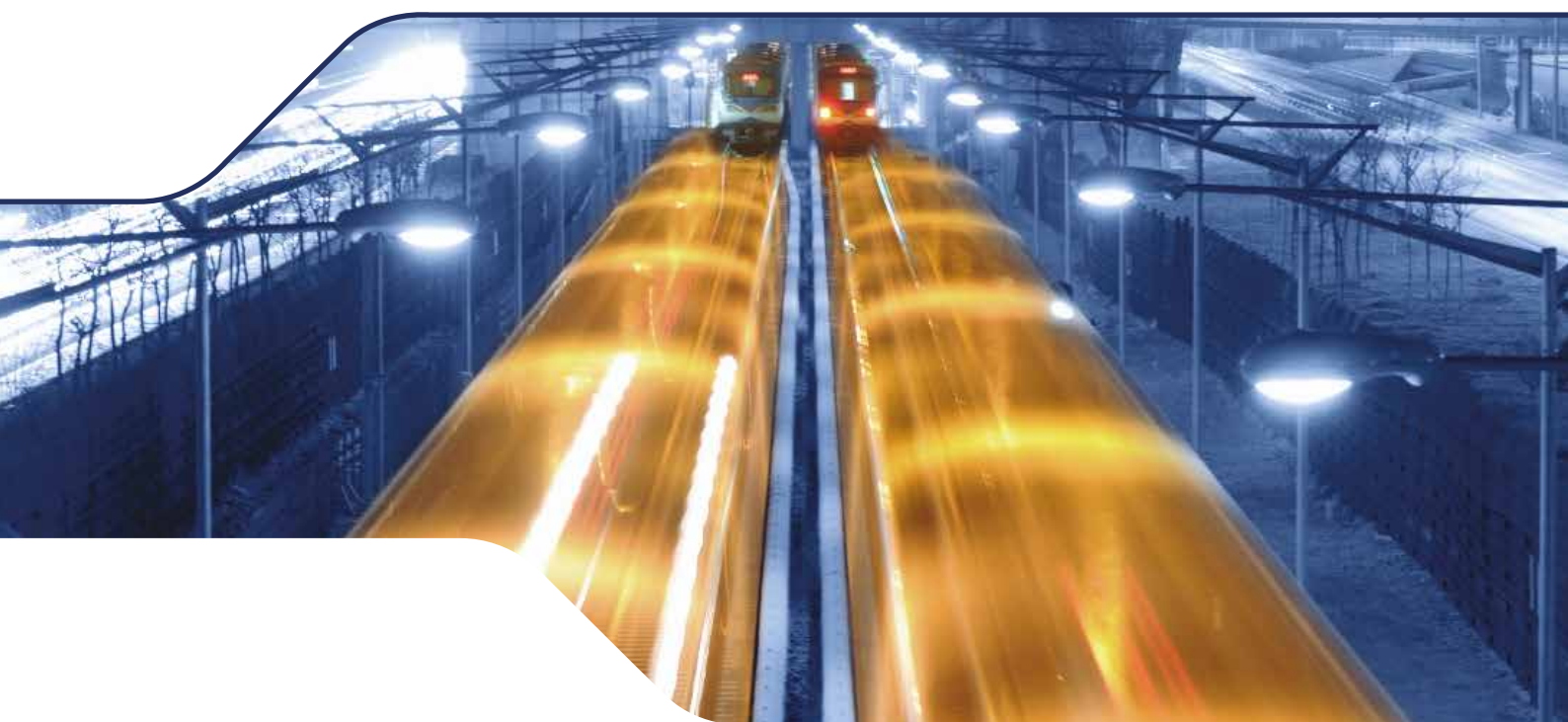




Standard Shunt

Reducing induced voltages created on long cable runs



The Unipart Dorman Shunt is designed to be used in place of the VSDAC Standard Shunt, used on VHLC and VSDAC modules. It works by reducing any induced voltages created on long cable runs.

These induced voltages are detected by the Vital Logic Controller (VLC) on the VHLC and ElectrologiXS interlocking systems and will de-energise the signal

There are 2 separate shunt circuits in each unit. These can be linked together to scale the shunt circuit to enable longer signal feed cables.

Features and Benefits

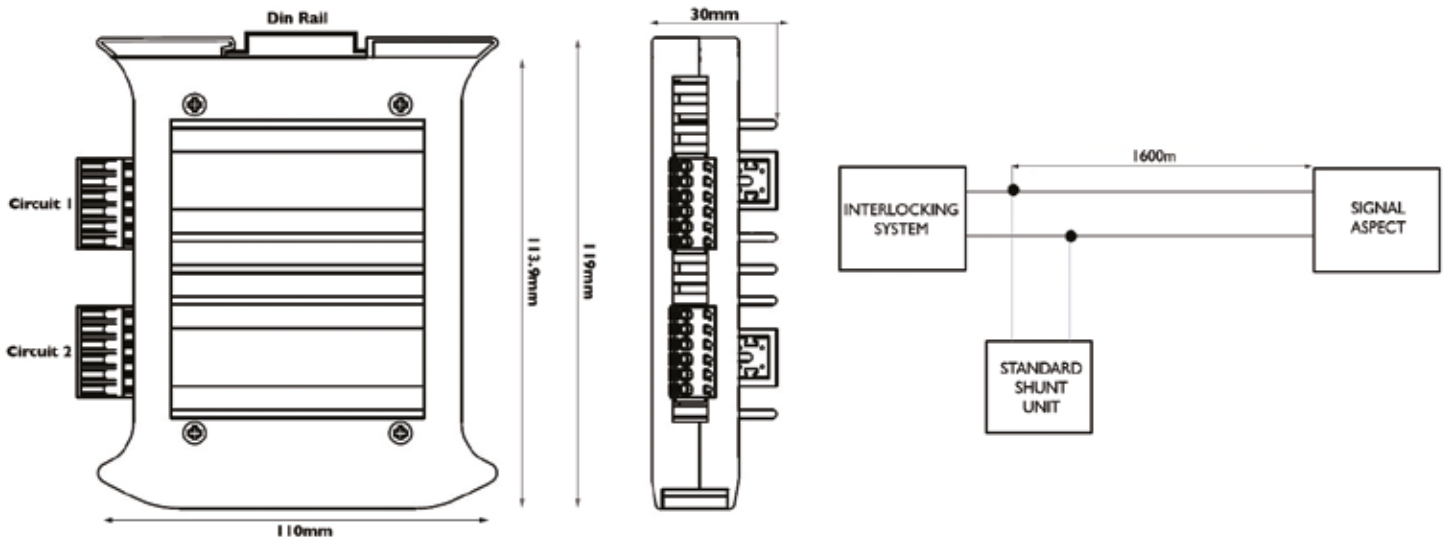
- Compact design with quick install and release DIN Rail Mounting
- Standard Shunts can be used singularly or connected in parallel to meet requirements
- MTBF of over 4×10^6 hours
- Developed in response to a specific customer request
- Colour coded quick release connectors using cage clamp terminations
- Effective on cable lengths up to 1600 Metres



Ordering

Please contact Unipart Dorman for more information

Product Drawings



Design Guidance note for Standard Signal Shunt

		Distance (m)			
		1 - 400	401 - 800	801 - 1200	1201 - 1600
	1			+	+ +
	2			+	+ +
	3			+	+ +
	4			+	+ +
	5		+	+	+ +
	6		+	+ +	+ +
	7		+	+ +	+ + +

Each shunt unit is capable of being connected in a | + | configuration
(| = Half a unit)

Technical Data

Weight	35kg
DIN Rail Mounted	Top Hat, Type 0 or Type Ω - EN 50022
Nominal Voltage (operating range) AC	110V (88-121V)
Nominal Voltage (operating range) DC	120V (88-145V)
Operating Temperature Range	-25° to +40° C (-13° to +104° F)

About Unipart

The Unipart Group is a leading UK manufacturer, full service logistics provider and consultant in operational excellence. Operating across a range of market sectors, including automotive, manufacturing, mobile telecoms, rail, retail and technology, Unipart offers a breadth of services to a wide range of blue chip clients internationally.

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