

# DSP1A/SSI/120

## 120V All-Mode

### Surge Arrester for SSI Protection

### PAD's No: 0086/000060



Based on PD Devices successful DSP range, the DSP1A/SSI/120 uses technology that has been proven in locations with some of the highest Keraunic levels worldwide. Protection for signals, points, level crossings etc , Featuring protection status indication and remote signalling, Reduces the failure rate of TFM's, Prolongs service life of equipment and meets the requirements of Network Rail specification

Specifications		
Operating Voltage Range (AC or DC)	90 to 150V rms or DC	
Nominal Voltage (AC or DC)	120V rms or DC	
Frequency Range (For AC installation)	40 to 60 Hz	
Maximum Surge Current, $I_{max}$ (8/20 $\mu$ s)	30kA	
Voltage protection level, $U_p$ (6kV/3kA CWG)	400V	
Response Time	<10ns	
Power Consumption (Nominal)	18mA	
Earth Leakage Current	200 $\mu$ A	
Screw Terminals	16mm <sup>2</sup> max - Line, Neutral, Earth 2.5mm <sup>2</sup> max - Remote Signalling	
Volt-Free Remote Signalling Terminals	Rated at 240V rms, 0.2A or 30V DC, 2A	
Status Indication	Green - Full Protection Red & Green - Reduced Protection Red - No Protection	
Operating Temperature*	-40 °C to +70 °C	
Case	Steel, Epoxy Coated	
Dimensions (mm)	L	186
	W	47
	H	72
Part Code	DSP1A/SSI/120	

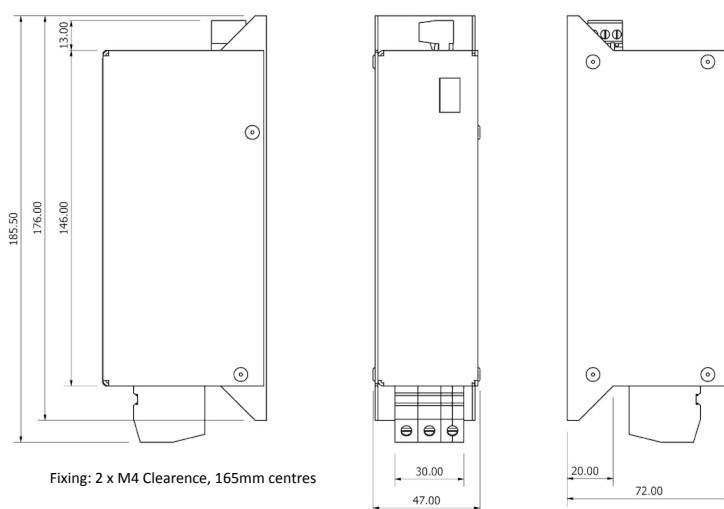
\*Unit can be operated at a higher temperature if de-rated, please ask for details.



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#### Dimensions



Revision: vPD3, 07/04/17

Information subject to change without notice.

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application.

