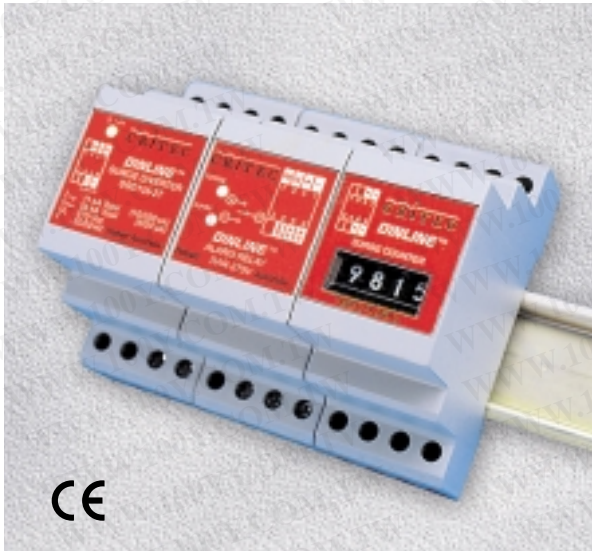


## DINLINE Surge Diverter



### DSD

The DINLINE range of surge diverters offer economical and reliable protection from power transients with the convenience of easy installation on 35mm DINRAIL mountings.

DINLINE surge diverters (DSDs) are designed to suit many distribution systems including TN-C, TN-S, TN-C-S (MEN) and TT. They include a range of single mode and three mode units.

DINLINE has been designed to meet the ergonomic standards for DIN rail mounted products commonly used by the electrical industry. "DIN 43 880" compliant 2M, 4M and 8M enclosures match the profile of most common MCBs at used. DINLINE is compact and ideal for inclusion in distribution or switchboards due to its small size and finger proof terminals.

### ORDERING INFORMATION

Item Number	Description
<b>DINLINE SURGE DIVERTER, DSDs, (Single Phase Module)</b>	
DSD116-2S-24	DINLINE SPD,1PH,16KA,24VDC
DSD155-2T	DINLINE SPD,1PH,3 MODE,275V,15+15+25KA
DSD140-2S	DINLINE SPD,1PH,40KA,275V
DSD180-4S	DINLINE SPD,1PH,80KA,275V
DSD1160-8S	DINLINE SPD,1PH,160KA,275V
DSD355-8T	DINLINE SPD,3PH,3 MODE,275V,15+15+25KA

### FEATURES

- Single mode and three mode designs
- Compact design fits into most switch and distribution boards
- High surge rating ensures long life
- Internal status monitoring and indication by high reliability electronic circuit
- Optional DINLINE alarm relay
- Optional DINLINE surge counter

### SPECIFICATIONS

	DSD1xx-xS	DSDx55-xT
<b>Operation</b>		
Nominal Line Voltage:	220-240 Vrms	220-240 Vrms
Frequency:	50 / 60 Hz	50 / 60 Hz
Leakage Current:	< 1 mA	
MCOV (Ph-N, Ph-E, N-E):	275 Vrms	275,320,320 Vrms
Max Surge Rating:		
8/20µs	40kA 80kA 160kA	15+15+25kA
10/350µs	8kA 16kA 32kA	N/A
Energy Rating:	1540J 3072J 6144J	
Aggregate Surge Material:		
8/20µs	64kA 128kA 256kA	80kA
Let-through Voltages:		
@ 3kA 8/20µs	< 680V	< 780V
Let-through Voltages:		
@ 20kA 8/20µs	< 940V	N/A
Surge Rated to Meet:	ANSI/IEEE C62.41-1991 Cat A, B and C Zone 0/1/2, Class B/C	
<b>Alarms and Indicators</b>		
Status Indication:	Staged LED, opto coupler Voltage free contact 2A @ 250VAC Available with Alarm relay module	
<b>Physicals</b>		
Temperature and Humidity:	-35°C to +65°C, 0-90%	
Terminals:	1.0mm <sup>2</sup> to 6.0mm <sup>2</sup>	
Dimensions (WxDxH):	2S/T (36mm), 4S (72mm), 8S/T(144mm)	
Weight:	200g (2M), 350g (4M), 700g (8M)	
Listing:	AS3260, IEC950, C-Tick, CE	
Warranty:	5 years	
<b>Low Voltage DC Model</b>		
Input Voltage:	24-38VDC	
Max Surge Rating:	16kA	
let-through Voltages:		
@ 3kA 8/20us	< 250V	