

# WSP-T1C3/25/100/240R

## Compact Three Phase Type 1/2 (Class I/II) Surge Arrester



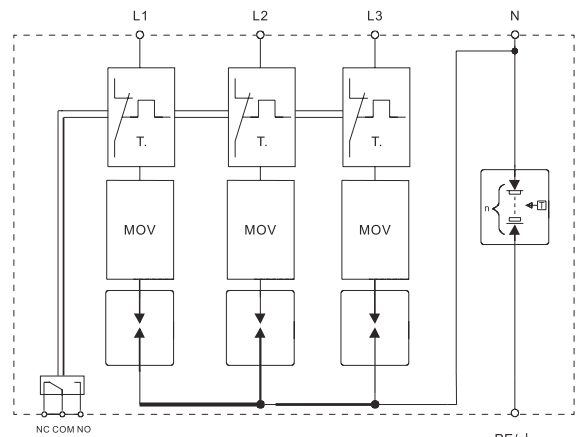
### Features

- Visual and remote status indication
- Compact design
- Multifunctional terminals for connecting conductors and busbars
- No follow current
- High discharge capacity

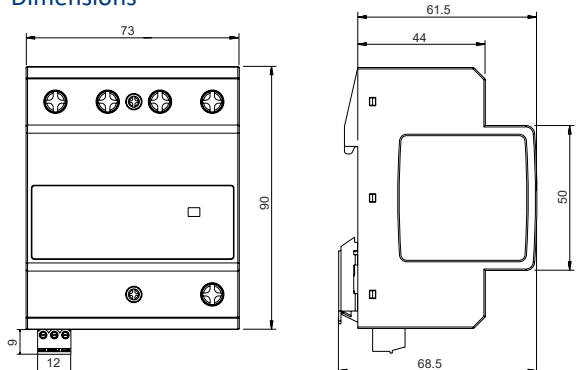
Specifications		[L-N]	[N-PE]
Modules		[L-N]	[N-PE]
Type		Type 1/2 - Class I/II	
Nominal operating voltage	$U_n$	240V ac (L-N); 415V ac (L-L)	
Maximum continuous operating voltage	$U_c$	320V ac	260V ac
Technology		MOV/GDT	Spark Gap
Total lightning impulse current (10/350) [L1+L2+L3+N to PE]	$I_{total}$	100kA	
Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$	25kA	100kA
Charge	Q	12.5As	50As
Specific Energy	W/R	156.25kJ/ $\Omega$	2500kJ/ $\Omega$
Nominal discharge current (8/20 $\mu$ s)	$I_n$	25kA	100kA
Voltage protection level	$U_p$	$\leq 1.5$ kV	$\leq 1.5$ kV
Voltage protection level at 5kA		$\leq 1.0$ kV	
Follow current extinguishing capability at $U_c$	$I_f$	Unlimited	
Response time	$t_A$	$\leq 100$ ns	
Temporary Over-voltage (TOV)	$U_T$	480V/120 min	1200V/200ms
Temporary Over-voltage response		Withstand	Withstand
Max. back up fuse (L)		250A gL/gG	
Location category		Indoor	
Degree of protection		IP20	
Operating temperature range	$T_u$	-40°C to +85°C	
Relative humidity		$\leq 95\%$ (Max 40°C)	
Operating altitude		$\leq 4$ km	
Mounting method		35mm Din rail	
Cable size (Max.)		25mm <sup>2</sup> stranded	
Cable size (Min.)		1.5mm <sup>2</sup> stranded	
Cable strip length		10mm	
Terminal torque		3Nm	
Enclosure material		Thermoplastic, UL94-V0	
Test standards		EN 61643-11	
Type of remote signalling contact		Switching contact	
Cross-sectional area for remote signalling contact		1.5mm <sup>2</sup> (Max.)	
Cable strip length, remote signalling cable		7mm	
Torque, remote signalling terminals		0.2Nm	
Switching capacity		125V ac, 1A (Max.) 5V, 1mA (Min.)	
<b>Part Code</b>		<b>WSP-T1C3/25/100/240R</b>	



### Circuit Diagram



### Dimensions



Revision: 1 - 13/05/20

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.

**A. N. WALLIS & Co. Ltd** • Greasley Street • Bulwell • Nottingham • East Midlands • NG6 8NG • United Kingdom

Tel +44 (0)115 927 1721 • E-mail info@an-wallis.com • Website www.an-wallis.com



FM 73972 OHS 654406