



TSC Transient Surge Counter

Novaris Transient Surge Counters count direct lightning strikes and transient events. They may be clamped to the downconductor of a building or tower or in the earth return conductor of a surge diverter or filter. The EC version also acts as a transient earth clamp.



		TSC1-IP65	TSC1-DIN	TSC1-DIN-EC
Electrical Specifications				
Sensitivity			150A	
DC spark over voltage	U_c	-	230V	
Discharge current 8/20 μ s	I_{max}	-	150kA	
Battery life of counter		7 years		
Display		Resettable, LCD		
Active element		-	GDT	
Voltage tolerance		-	$\pm 20\%$	
Isolation resistance		-	$>10^{10}\Omega$	
Capacitance		-	$<4pF$	
Mechanical Specifications				
Operating temperature / humidity		0 to +50°C / 0 to 90% non-condensing		
Terminal capacity		-	16mm ²	
Terminal screw torque		-	2.5Nm	
Environmental		IP 65	IP 20	
Mounting		Clamp	TS35 DIN rail	
Counter connection		-	2-way plug	
Weight		400g	600g	
Dimensions				
Width		80mm	54mm	
Height		110mm	95mm	
Depth		65mm	80mm	