



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		-40 to +70°C / 5 to 95% 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