

POWER SURGE PROTECTOR

TW-ID4-NPE1C2-275(F)



Features

- Category IEC / EN / VDE : Class II / Type 2 / C
- Location of use : Sub-distribution boards
- Connections : TN, TT, IT
- Protective Elements : L-PE : MOV, N-PE : GDT
- High surge discharge rating : $I_{max} = 40kA$, 9mm/pole
- Complies with : IEC/EN61643-11:2011

ITEM NO.	TW-ID4-NPE1C2/275(F)	NPE
Test Class According to the IEC/EN/61643-11	Class II	
Type of Network	TT, TN, IT	TT
Nominal Voltage 50(60)Hz U_N	230V	220V
Max Cont Operating Voltage U_c	275V	255V
Maximum Discharge Current (8/20 μs) I_{max}	40kA	40kA
Nominal Discharge Current (8/20 μs) I_N	20kA	20kA
Voltage Protection Level U_P	$\leq 1.3kV$	$\leq 1.5kV$
Response Time t_A	$\leq 25ns$	$\leq 100ns$
Recommended Back-up Fuse	125A	-
Isolation Resistance	$> 10^2 M\Omega$	
I/O Connections	Multi-strand : 4~6mm ² , Single-strand : 4~6mm ²	
Mounting	35mm, Symmetrical rail(EN50022/DIN46277-3)	
Operation Temperature Range	-40°C~+85°C	
Degree Of Protection	IP20	
Housing Material	UL94V0	
Disconnection Indicator	Mechanical Indicator	
Remote Control Contact	Optional	

