

Technical Data

Model	WTH-CS/BOX/80KA/3P+NPE-385	
Ordering code	US128042	
AC Network: Apply to	110/220V, 120/240V, 220/380V, 240/480V, 277/480V	
Frequency	50/60Hz	
Max. continuous operating voltage	Uc (MCOV - UL)	385VAC
Voltage protection level (at In)	Up	2.1kV
Residual voltage	Ures(6kV/3kA)	1.2kV

Datasheet of N-PE

Max. continuous operating voltage	Uc (MCOV - UL)	255V
Voltage protection level (at In)	Up	1.2kV
Residual voltage	Ures(6kV/3kA)	0.7kV

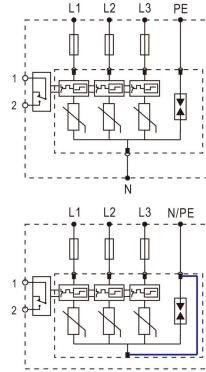
More

Requirement Class to IEC61643-1	Class I+II	
IEEE Category Rating	C, B & A	
Protection Modes	L-N	N-PE
Nominal Discharge Current (In @8/20µs)	40kA	50kA
Max. Discharge Current (Imax @8/20µs)	80kA	100kA
Pulsed Current (Iimp @10/350µs)	10kA	12.5kA
Protective Element	MOV	GDT
Follow Current (If)	NO	100Arms
Response Time (tA)	<25ns	<100ns
Leakage Current (at 75%U1mA)	<20µA	None
Thermal Protection	YES	NO
Protection Rating (IP Code)	IP 65	
Internal Back-up Fuse	32A	
Short Circuit Current Ratings (SCCR)	20kA rms	
Surge Life at 3kA (8/20µs)	>5000 events	
Temperature Range	- 40°F to 176°F (-40°C to 80°C)	
Relative Humidity	0% to 95% noncondensing	
Maximum Operating Altitude	10,000 feet (3000m)	
Terminal Cross Section	16mm² (solid) / 10mm² (stranded)	
Stripping Length Contacts	0.6inches (15mm)	
Terminal Screw Torque	Max. 2Nm	
Housing	Box Design	
Net Weight Per Unit	5.86Lb (2.66kg)	
Package Dimension (WxHxD)	12.2"x7.2"x4.77" (310mmx183mmx121mm)	
Lightning Counter	LCD with 12 digits (Press "reset" cleared to "0")	
Remote Contacts	YES	
Contact Ratings	125VAC/3A, 250VAC/1.5A	
Terminal Cross Section	Max. 1.5mm²	
Stripping Length Contacts	0.25inches (6-7mm)	
Remote Terminal Torque	0.25Nm	

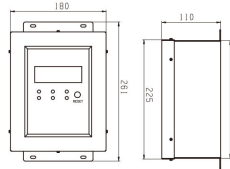
The Electricity-getting Mode of Control Panels: L1-L2 (220~480V)



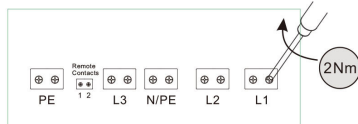
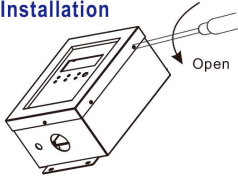
Connection Diagram

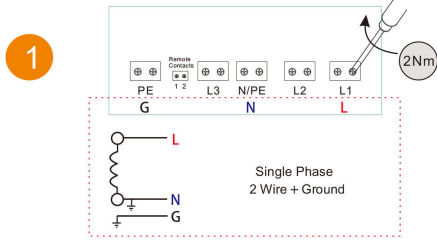


Dimensions

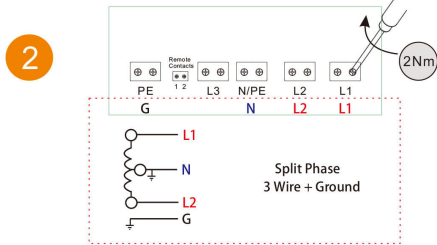


Installation

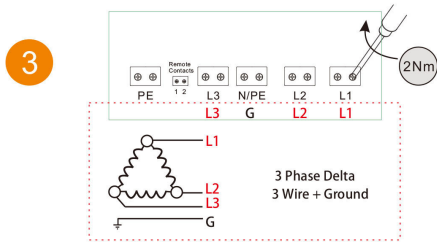




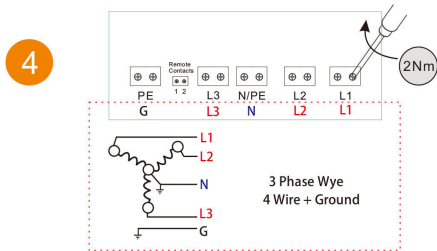
L-N Voltage: 170-480VAC



L1-L2 Voltage: 170-480VAC



L1-L2 Voltage: 170-480VAC



L1-L2 Voltage: 170-480VAC

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