

### G2040MT Type2 Surge Protective Devices

- Innovative tripping and breaking technology
- Pressing the contacts on both sides of the module can be easily plugged and unplugged, and can be replaced without interrupting the system operation
- Scan the QR code on the base to check the date of manufacture, test data, etc.

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#### Temperature compensation



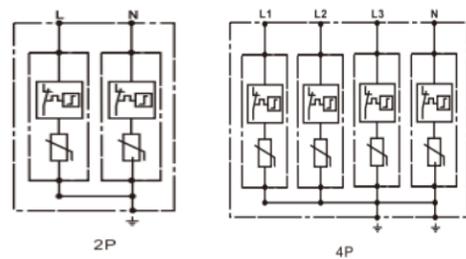
#### Temperature compensation



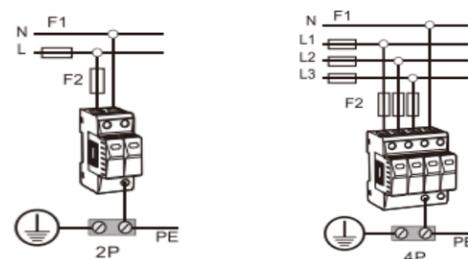
Type	G2040MT						
SPD according to EN 61643-11 / IEC 61643-11	Type 2/Class II /T2						
Max. continuous operating voltage (a.c.) (Uc)	150V	280V	320V	385V	440V	600V	NPE:255V
Nominal discharge current (8/20 μs) (In)	20kA						
Max. discharge current (8/20 μs) (Imax)	40kA						
Total lightning current(8/20 μs) L1/N→PE (Imax)total	1P:40kA,2P:80kA,3P:120kA,4P:160kA,						
Voltage protection level (Up)	≤1.0kV	≤1.3kV	≤1.4kV	≤1.6kV	≤2.2kV	≤2.5kV	≤1.5kV
Response time (tA)	25ns						100ns
Operating temperature range (TU)	-40 °C ... +80 °C						
Operating state / fault indication	Green:normal Red:invalid						
Number of ports	1						
For mounting on	35 mm DIN rails acc. to EN 60715						
Place of installation	indoor installation						
Degree of protection	IP20						
Approvals	TUV,CB,CE,ROHS,CQC						
Weight	1P:100g,2P:200g,3P:300g,4P:400g,						

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SPD according to EN 61643-11 / IEC 61643-11	Type 2/Class II /T2						
Max. continuous operating voltage (a.c.) (Uc)	150V	280V	320V	385V	440V	600V	NPE:255V
Nominal discharge current (8/20 μs) (In)	30kA						
Max. discharge current (8/20 μs) (Imax)	60kA						
Total lightning current(8/20 μs) L1/N→PE (Imax)total	1P:60kA,2P:120kA,3P:180kA,4P:240kA,						
Voltage protection level (Up)	≤1.2kV	≤1.5kV	≤1.6kV	≤1.8kV	≤2.4kV	≤2.5kV	≤1.5kV
Response time (tA)	25ns						100ns
Operating temperature range (TU)	-40 °C ... +80 °C						
Operating state / fault indication	Green:normal Red:invalid						
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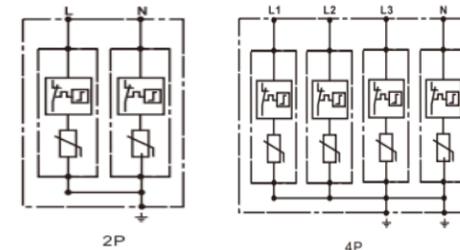
#### Basic circuit diagram



#### Standard wiring



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