



PRODUCT CATALOGUE

Surge Protective Devices

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Directory

FACTORY INTRODUCTION /01 • Workshop Laboratory /03 /05 MDH12.5-275 MDH7-275 /08 MDN40-275 /11 /14 MDN20-275 MDH9-DC /17 /18 MDH6.25-DC /19 MDN40-DC

FACTORY INTRODUCTION

Mday is one of the most potential manufacturer of protective components for photovoltaic systems in the world. We can provide a full set of low-voltage power distribution equipment related to solar energy, mainly including SPD, MCB, FUSE, etc. Our factory has been under operation for more than 20 years, during which the factory and all products strictly comply with international standards. To strengthen the performance and safety of solar components, our professional engineer team participates in the whole process from R&D, production to testing.

Professionalism and innovation are what we have been pursing boosting an investment spike on production management recently. It can be seen that the functions of workshops have been finely divided and more fully automatic production line technology has been introduced. Besides, each process will be screened by quality inspectors to strictly control product quality. As for staff, we conduct regular training and assessment improving their expertise. Mday owns a mature customer service structure support to respond questions raised by customers in time, which enhances customer experience in our trade.

Mday's mission is not limited to creating maximum value for customers and promoting employees' personal growth, but also includes actively undertaking social and environmental responsibilities, committed to contributing to the development of the international energy market and environmental protection.



WORKSHOP















Impulse Current Generator T1 (10/350 μ s) and T2 (8/20 μ s) test









SPD CLASSIC D TYPE

Surge Protectors for AC Power Distribution

- AC Type1+2 / AC Type2 / AC Type2+3
- I DC Type1+2 / DC Type2



Classification of protectors

Ection devices are classified into types according to discharge capacity:

Type 1:

- Tested with a 10/350 µs waveform (Class I test), which simulates the current produced by a direct lightning strike.
- Ability to discharge very high currents to earth, providing a high Up - voltage protection level.
- Must be accompanied by downstream Type 2 protectors. Designed for use in incoming power supply panels where the risk of lightning strike is high, for example in buildings with an external protection system.

Type 2:

- Tested with a 8/20 µs waveform (Class II test), which simulates the current produced in the event of a switching or lightning strike on the distribution line or its vicinity.
- Ability to discharge high currents to earth, providing a medium Up voltage protection level. Designed for use in distribution panels located downstream of Type 1 protectors or in incoming power supply panels in areas with low exposure to lightning strikes.

Type 3:

- Tested with a combined 1.2/50 µs 8/20 µs waveform (Class III test), which simulates the current and voltage that can reach the equipment to be protected.
- Ability to discharge medium currents to earth, providing a low Up - voltage protection level. Always installed downstream of a Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of the Type 2 device.

MDH12.5-275 PRODUCT-DETAILS

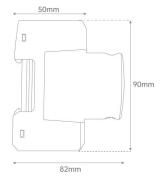


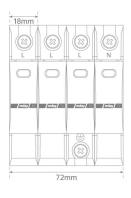
- 1. Meets both Class I (10/350us waveform) and Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S-H high-performance MOV, the maximum will be up to 10/350µs 8kA
- 4. No power frequency continuous flow
- 5. The operating environment temperature is -40°C~+70°C
- **6.** Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

| Technical Data | | | | | | |
|---|-----------------------|------------------|--------|--------|--------|--------|
| SPD Type | Type 1+2 / Class I+II | | | | | |
| Technology | | MOV (Metal Oxide | GDT | | | |
| Protection mode(s) | | L-PE/N-PE | | | | NPE |
| Nominal voltage (a.c.) | [Un] | 220v | 300V | 380V | 400V | 255V |
| Max. continuous operating voltage (a.c.) | [Uc] | 275V | 320V | 385V | 420V | 255V |
| Nominal discharge current(8/20µs) | [ln] | 30kA | | 30kA | | 30kA |
| Max.discharge current (8/20µs) | [lmax] | 60kA | | 60kA | | 60kA |
| Lightning impulse current (10/350µs) | [limp] | 12.5kA | | 9kA | | 12.5kA |
| Protection level | [Up] | ≤1.8kV | ≤2.0kV | ≤2.2kV | ≤2.4kV | ≤1.5kV |
| Response time | [tA] | ≤25ns | | | | |
| Temporary overvoltage (TOV) Withstand - 5 s | sec [Ut] | 335V | 440V | 440V | 620V | 335V |
| Admissible short-circuit current | [Isccr] | 25kA | | | | |
| Max. backup fuse | | 125A gL/gG | | | | |

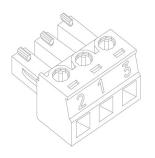
| Mechanical Data | |
|--|--------------------------------|
| Current | AC System |
| SPD configuration | Single/Three phase |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-11 / EN 61643-11 |
| Certificate | CE,TUV.RoHS,CB |

Size



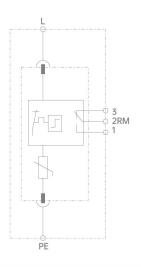


Remote Signaling



| MD+FS | 0.5-1.5 mm ² AWG 28-16Cu | 0.2Nm 1.7lbs-in |
|--------------------|--|--------------------|
| Working Voltage | 30V DC | |
| Working Curren | 50mA | |
| Contact Resistance | | ≤100mΩ |
| Innlation Resista | ≥100mΩ | |
| Press Force | 30±15gf | |
| Life | | ≥1000000 |
| | | |

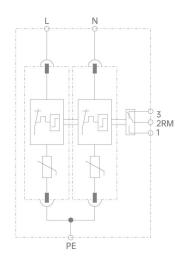




| Weight(1 piece) | 150g |
|------------------|-----------------|
| Package Quantity | 128 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

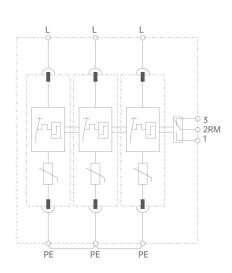


2+0



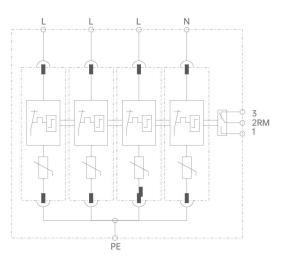
| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 350g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39 6X30 6X17 cm |

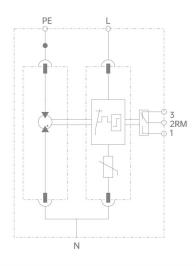




| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

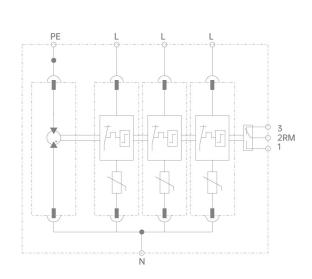


1+1



| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 62 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

MDH7-275 PRODUCT-DETAILS

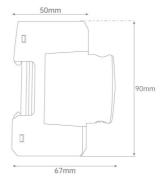


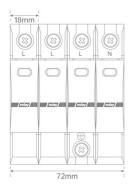
- 1. Meets both Class I (10/350us waveform) and Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S-H high-performance MOV, the maximum will be up to 10/350µs 8kA
- 4. No power frequency continuous flow
- **5.** The operating environment temperature is -40°C~+70°C
- **6.** Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

| Technical Data | | | | | | |
|---|---------|-----------------------|--------|--------|--------|--------|
| SPD Type | | Type 1+2 / Class I+II | | | | |
| Technology | | MOV (Metal Oxide | GDT | | | |
| Protection mode(s) | | L-PE/N-PE | | | | NPE |
| Nominal voltage (a.c.) | [Un] | 220v | 300V | 380V | 400V | 255V |
| Max. continuous operating voltage (a.c.) | [Uc] | 275V | 320V | 385V | 420V | 255V |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | 20kA | | 20kA |
| Max.discharge current (8/20µs) | [lmax] | 50kA | | 50kA | | 50kA |
| Lightning impulse current (10/350µs) | [limp] | 7kA | | 6.25kA | | 7kA |
| Protection level | [Up] | ≤1.5kV | ≤1.6kV | ≤1.8kV | ≤2.0kV | ≤1.5kV |
| Response time | [tA] | ≤25ns | | | | |
| Temporary overvoltage (TOV) Withstand - 5 sec | c [Ut] | 335V | 440V | 440V | 620V | 335V |
| Admissible short-circuit current | [Isccr] | 25kA | | | | |
| Max. backup fuse | | 125A gL/gG | | | | |

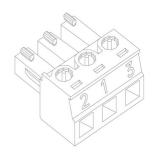
| Mechanical Data | |
|--|--------------------------------|
| Current | AC System |
| SPD configuration | Single/Three phase |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-11 / EN 61643-11 |
| Certificate | CE,TUV.RoHS,CB |

Size



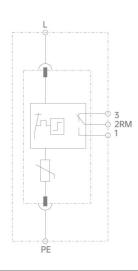


Remote Signaling



| MD+FS | 0.5-1.5 mm ² AWG 28-16Cu | 0.2Nm 1.7lbs-in |
|----------------------|--|--------------------|
| Working Voltag | 30V DC | |
| Working Currer | 50mA | |
| Contact Resistance | | ≤100mΩ |
| Innlation Resistance | | ≥100mΩ |
| Press Force | 30±15gf | |
| Life | | ≥1000000 |
| | | |

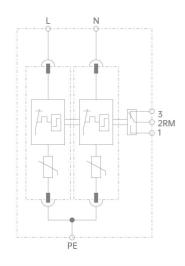




| Weight(1 piece) | 150g |
|------------------|-----------------|
| Package Quantity | 128 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

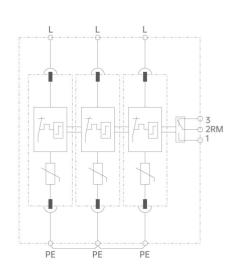


2+0



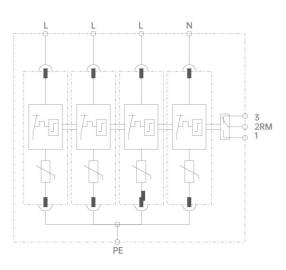
| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 350g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39 6X30 6X17 cm |

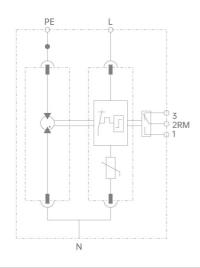




| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

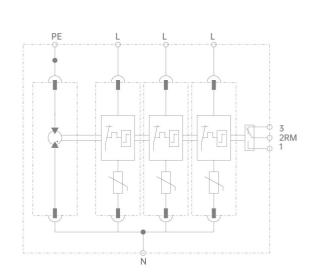


1+1



| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 62 pcs/ctn |
| CTN Size | 39 6X30 6X17 cm |

MDN40-275 PRODUCT-DETAILS

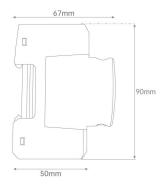


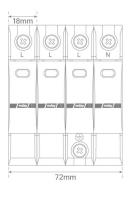
- 1. Meets Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S MOV, the maximum will be up to 8/20µs 40kA
- 4. No power frequency continuous flow
- 5. Compact, yet high surge rated pluggable design, using minimum DIN rail width
- **6.** The operating environment temperature is -40°C~+70°C
- 7. Red/Green status indication and change-over contacts standard for remote monitoring. (RS485 is Option)

| Technical Data | | | | | | |
|---|----------|-----------------------------|--------|--------|--------|--------|
| Pole | | 2P/2+0 | | | | |
| Technology | | MOV (Metal Oxide Varistors) | | GDT | | |
| Protection mode(s) | | L-PE/N-PE | | | | NPE |
| Nominal voltage (a.c.) | [Un] | 220v | 300V | 380V | 400V | 255V |
| Max. continuous operating voltage (a.c.) | [Uc] | 275V | 320V | 385V | 420V | 255V |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | | | 20kA |
| Max.discharge current (8/20µs) | [lmax] | 40kA | | | | 40kA |
| Protection level | [Up] | ≤1.5kV | ≤1.6kV | ≤1.8kV | ≤2.0kV | ≤1.5kV |
| Response time | [tA] | ≤25ns | | | | |
| Temporary overvoltage (TOV) Withstand - 5 s | sec [Ut] | 335V | 440V | 440V | 620V | 335V |
| Admissible short-circuit current | [Isccr] | 25kA | | | | |
| Max. backup fuse | | 63A gL/gG | | | | |

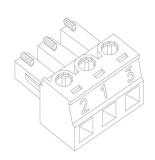
| Mechanical Data | |
|--|--------------------------------|
| Current | AC System |
| SPD configuration | Single/Three phase |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-11 / EN 61643-11 |
| Certificate | CE,TUV.RoHS,CB |

Size



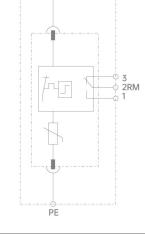


Remote Signaling



| MD+FS | 0.5-1.5 mm ² AWG 28-16Cu | 0.2Nm 1.7lbs-in |
|----------------------|--|--------------------|
| Working Voltage | ge | 30V DC |
| Working Current | | 50mA |
| Contact Resistance | | ≤100mΩ |
| Innlation Resistance | | ≥100mΩ |
| Press Force | | 30±15gf |
| Life | | ≥1000000 |
| | | |

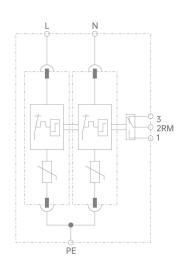




| Weight(1 piece) | 150g |
|------------------|-----------------|
| Package Quantity | 128 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

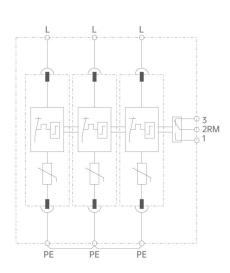


2+0



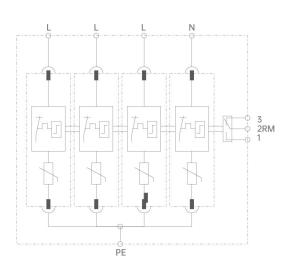
| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 350g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39 6X30 6X17 cm |

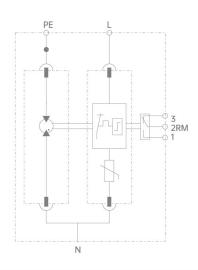




| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

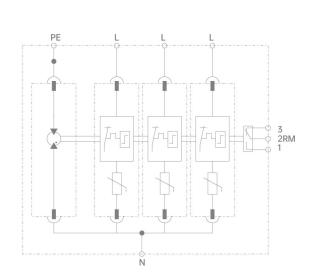


1+1



| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 62 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

MDN20-275 PRODUCT-DETAILS

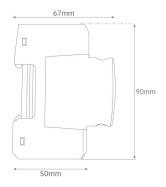


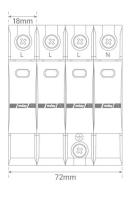
- 1. Meets Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S MOV, the maximum will be up to 8/20µs 40kA
- 4. No power frequency continuous flow
- 5. The operating environment temperature is -40°C~+70°C
- **6.** Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

| Technical Data | | | | | | |
|---|---------|-----------------------------|--------|--------|--------|--------|
| SPD Type | | Type 2+3 / Class II+III | | | | |
| Technology | | MOV (Metal Oxide Varistors) | | | GDT | |
| Protection mode(s) | | L-PE/N-PE | | | | NPE |
| Nominal voltage (a.c.) | [Un] | 220v | 300V | 380V | 400V | 255V |
| Max. continuous operating voltage (a.c.) | [Uc] | 275V | 320V | 385V | 420V | 255V |
| Nominal discharge current(8/20µs) | [ln] | 10kA | | 10kA | | 10kA |
| Max.discharge current (8/20µs) | [lmax] | 20kA | | 20kA | | 20kA |
| Protection level | [Up] | ≤1.2kV | ≤1.3kV | ≤1.5kV | ≤1.8kV | ≤1.2kV |
| Response time | [tA] | ≤25ns | | | | |
| Temporary overvoltage (TOV) Withstand - 5 s | ec [Ut] | 335V | 440V | 440V | 620V | 335V |
| Admissible short-circuit current | [Isccr] | 25kA | | | | |
| Max. backup fuse | | 32A gL/gG | | | | |

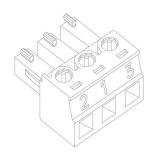
| Mechanical Data | |
|--|--------------------------------|
| Current | AC System |
| SPD configuration | Single/Three phase |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-11 / EN 61643-11 |
| Certificate | CE,TUV.RoHS,CB |
| | |

Size



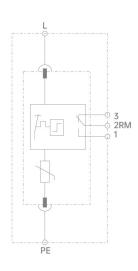


Remote Signaling



| MD+FS | 0.5-1.5 mm ² AWG 28-16Cu | 0.2Nm 1.7lbs-in |
|-----------------|--|--------------------|
| Working Voltage | ge | 30V DC |
| Working Curre | nt | 50mA |
| Contact Resist | tance | ≤100mΩ |
| Innlation Resis | tance | ≥100mΩ |
| Press Force | | 30±15gf |
| Life | | ≥1000000 |
| | | |

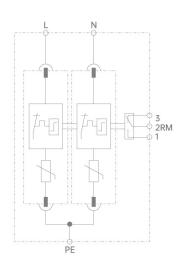




| Weight(1 piece) | 150g |
|------------------|-----------------|
| Package Quantity | 128 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

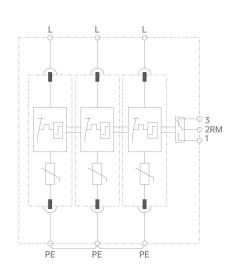


2+0



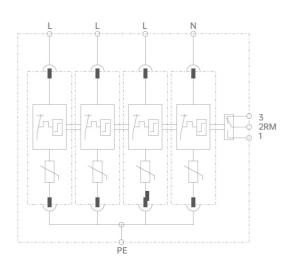
| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 350g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39 6X30 6X17 cm |

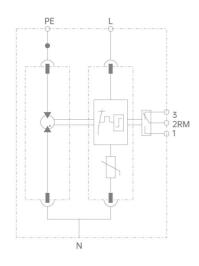




| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 32 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

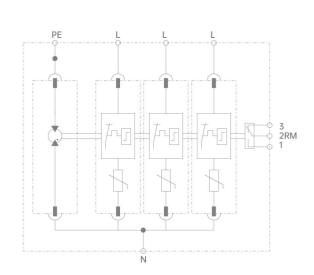


1+1



| Weight(1 piece) | 250g |
|------------------|-----------------|
| Package Quantity | 64 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |





| Weight(1 piece) | 450g |
|------------------|-----------------|
| Package Quantity | 62 pcs/ctn |
| CTN Size | 39.6X30.6X17 cm |

MDH9-DC PRODUCT-DETAILS

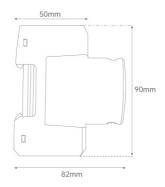


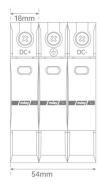
- 1. Meets both Class I (10/350us waveform) and Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S-H high-performance MOV, the maximum will be up to 10/350µs 9kA
- 4. No power frequency continuous flow
- **5.** The operating environment temperature is -40°C~+80°C
- 6. Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

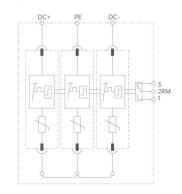
| Technical Data | | | | | |
|---|----------|-----------------------------|--------|--------|--------|
| SPD Type | | Type 1+2 / Class I+II | | | |
| Technology | | MOV (Metal Oxide Varistors) | | | |
| Protection mode(s) | | DC+/PE.DC-/PE | | | |
| Nominal voltage(d.c) | [Ucpv] | 600V | 800V | 1000V | 1200V |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | | |
| Max.discharge current (8/20µs) | [lmax] | 50kA | | | |
| Lightning impulse current (10/350µs) | [limp] | 9kA | | | |
| Total discharge current for multipole SPD | [Itotal] | 18kA | | | |
| Protection level | [Up] | ≤3.2kV | ≤3.6kV | ≤4.0kV | ≤4.5kV |
| Response time | [tA] | ≤25ns | | | |
| Admissible short-circuit current | [Isccr] | 25kA | | | |
| Max. backup fuse | | 125A gL/gG | | | |

Mechanical Data Technology MOV (Metal Oxide Varistors),中间可加GDT SPD configuration DC system Plugable Available 35mm DIN rail Mounting Housing material Thermoplastic,UL94 V-0 Operating temperature -40°C...+80°C Protection rating IP20 Operating state / fault indication Green / Red Remote Signaling Optional Wiring for remote signaling Max. 1.5mm solid/flexible 250V/0.1A; 125V/0.2A; 75V/0.5A Max. Voltage / Current for remote signaling IEC 61643-31 / EN 61643-31 Test Standards Certification CE,CB,RoHS,TUV

Size Wiring







MDH6.25-DC PRODUCT-DETAILS

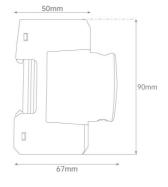


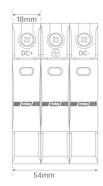
- 1. Meets both Class I (10/350us waveform) and Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S-H high-performance MOV, the maximum will be up to 10/350µs 9kA
- 4. No power frequency continuous flow
- **5.** The operating environment temperature is -40°C~+80°C
- 6. Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

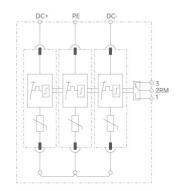
| Technical Data | | | | | |
|---|----------|-----------------------------|--------|--------|--------|
| SPD Type | | Type 1+2 / Class I+II | | | |
| Technology | | MOV (Metal Oxide Varistors) | | | |
| Protection mode(s) | | DC+/PE.DC-/PE | | | |
| Nominal voltage(d.c) | [Ucpv] | 600V | 800V | 1000V | 1200V |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | | |
| Max.discharge current (8/20µs) | [lmax] | 50kA | | | |
| Lightning impulse current (10/350µs) | [limp] | 6.25kA | | | |
| Total discharge current for multipole SPD | [Itotal] | 12.5kA | | | |
| Protection level | [Up] | ≤3.2kV | ≤3.6kV | ≤4.0kV | ≤4.5kV |
| Response time | [tA] | ≤25ns | | | |
| Admissible short-circuit current | [Isccr] | 25kA | | | |
| Max. backup fuse | | 125A gL/gG | | | |

Mechanical Data Technology MOV (Metal Oxide Varistors),中间可加GDT SPD configuration DC system Plugable Available 35mm DIN rail Mounting Housing material Thermoplastic,UL94 V-0 Operating temperature -40°C...+80°C Protection rating IP20 Operating state / fault indication Green / Red Remote Signaling Optional Max. 1.5mm solid/flexible Wiring for remote signaling 250V/0.1A; 125V/0.2A; 75V/0.5A Max. Voltage / Current for remote signaling IEC 61643-31 / EN 61643-31 Test Standards Certification CE,CB,RoHS,TUV

Size Wiring







MDN40-DC PRODUCT-DETAILS

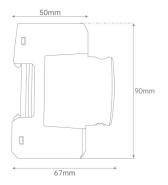


- 1. Meets Class II (8/20s waveform) SPD tests
- 2. Based on zinc oxide technology
- 3. Using 34S MOV, the maximum will be up to 8/20µs 40kA
- 4. No power frequency continuous flow
- **5.** The operating environment temperature is -40°C~+70°C
- **6.** Remote signaling function is optional.
- 7. When product fails, the green window turns to red and remote signaling provides remote alarm function

| Technical Data | | | | | |
|--|---------|-------------------|--------|--------|--------|
| POLE | | 2P | | | |
| SPD Type | | Type 2 / Class II | | | |
| Technology | | MOV/MOV+GDT | | | |
| Protection mode(s) | | DC+.PE.DC- | | | |
| Max. continuous operating voltage (D.c.) | [Ucpv] | 600V | 800V | 1000V | 1200V |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | | |
| Max.discharge current (8/20µs) | [lmax] | 40kA | | | |
| Protection level | [Up | ≤3.2kV | ≤3.6kV | ≤4.0kV | ≤4.5kV |
| Response time | [tA] | ≤25ns | | | |
| Admissible short-circuit current | [Isccr] | 25kA | | | |
| Max. backup fuse | | 125A gL/Gg | | | |

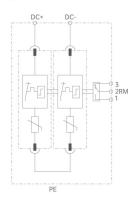
| Mechanical Data | |
|--|--------------------------------|
| SPD configuration | DC system |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Housing material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-31 / EN 61643-31 |
| Certification | CE,CB,RoHS,TUV |

Size





Wiring



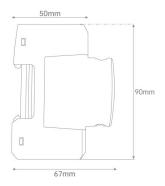


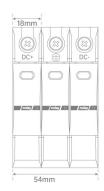


| Technical Data | | | | | | |
|--|---------|-------------------------------------|--------|--------|--------|--|
| POLE | | 3P | | | | |
| SPD Type | | Type 2 / Class II | | | | |
| Technology | | MOV (Metal Oxide Varistors),中间可加GDT | | | | |
| Protection mode(s) | | MOV/MOV+GDT | | | | |
| Max. continuous operating voltage (D.c.) | [Ucpv] | 800V | 1000V | 1200V | 1500V | |
| Nominal discharge current(8/20µs) | [ln] | 20kA | | | | |
| Max.discharge current (8/20µs) | [lmax] | 40kA | | | | |
| Protection level | [Up | ≤3.6kV | ≤4.0kV | ≤4.5kV | ≤5.2kV | |
| Response time | [tA] | ≤25ns | | | | |
| Admissible short-circuit current | [Isccr] | 25kA | | | | |
| Max. backup fuse | | 125A gL/Gg | | | | |

| Mechanical Data | |
|--|--------------------------------|
| SPD configuration | DC system |
| Plugable | Available |
| Mounting | 35mm DIN rail |
| Housing material | Thermoplastic,UL94 V-0 |
| Operating temperature | -40°C+80°C |
| Protection rating | IP20 |
| Operating state / fault indication | Green / Red |
| Remote Signaling | Optional |
| Wiring for remote signaling | Max. 1.5mm solid/flexible |
| Max.Voltage / Current for remote signaling | 250V/0.1A; 125V/0.2A; 75V/0.5A |
| Standards compliance | IEC 61643-31 / EN 61643-31 |
| Certification | CE,CB,RoHS,TUV |

Size





Wiring

