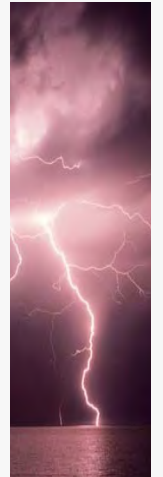
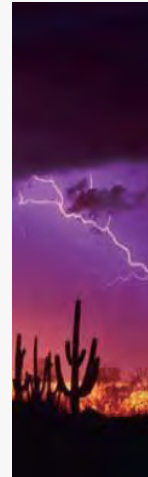


# Surge Protection

## 太陽能 電力 通訊 突波保護

- DC SPD for PV System
- SPD for Power Supply
- Data Network Protector
- Modular Thermally Protected MOV





## Power Supply System - D1&& / xxx-\*\*\*-R series, D3&& / xxx-\*\*\*-R series

- Class II Surge Protective Device for LV Power System
- IEC 61643-11:2005;UL14493rd;CE
- Fail Safe System
- UC: AC: 75~600V
- I<sub>max</sub> 40~150KA(8/20μS)
- Fault indication
- With remote signaling contact optional



D1-50/275-2MV-R



D3-50/275-4MV-R

## Photovoltaic - PV&&/ xxx -MVCDR series, PV&& / xxx -MVGTCDR series

- DC Surge Protective Devices for Photovoltaic protection (PV industry)
- IEC 61643-11:2005;UL14493rd;CE
- Common mode or Common mode+Differential mode protection
- U<sub>n</sub>:DC:500V~1200V
- I<sub>max</sub> 20~100KA(8/20μS)
- CLASS I (B) and Class II (C) available
- Fault indication
- With remote signaling contact optional
- Conform to UL1449 3rd with SCCR 200KArm



PV50/600 -MVCR



PV50/1000-MVCDR

## JDA-TvssPro™ - JDA-E&&/M (P)-# / \* -xxx -R-A series

- TYPE: E series
- Class I + II (B+C) single or three phase AC protector
- UL 1449 3rd with SCCR 200KArms Listed thermally protected high energy MOV technology
- System voltage(50/60Hz):110V~600V
- I<sub>max</sub> 20KA~1200KA
- Full modes protection
- Large surge energy capability, Low voltage protection level
- Surge event counter optional, Failure pre-test optional, Filtering function optional
- Thermal fused with thermally protected MOVs inside
- Low voltage protection level
- With remote alarm contact
- With EMI/RFI filter and sine wave tracking



E50/M-S/5M-180



## Date network power supply - DN-XXX/AT series

- Data network protector in according with IEC61643:21
- UC:AC: 110-250VAC
- I<sub>max</sub> 10KA(8/20μS)
- 35mm DIN-rail mounting design



DN-110/AT

DN-250/AT

## Data Network protector - DN-##-L series

- Surge protection for Network Signaling and Date Line
- IEC61643:21
- Un:DC: 5-48V
- In 10KA(8/20μS), Iimp 2.5KA(10/350μS)
- Signal transmission is not interrupted when exchanging modules
- Two-stage protection circuit
- 35mm DIN-rail mounting design
- L:LED indicator



DN-24/G



DN-24/G-L

## Terminal Block Modules series - DN-##/xxxx series

- Data network protector in according with IEC61643:21
- Un:DC: 6V
- I<sub>max</sub> 10KA(8/20μS)
- Limit the transients with gas discharge tubes and transzorb diodes
- Two-stage protection circuit
- Terminal block connector for use in measuring, control and regulation systems
- Simple installation
- RS232, RS422, RS423, RS485, 4-20MA C specipy 12v or 24v



DN-xx/RS485

## High Speed Connection - EN-6/RJ45HS-8 series

- Data network protector in according with IEC61643:21.
- Limit the transients with gas discharge tubes and transzorb diodes.
- Two-stage protection circuit.
- In aluminium housing.
- RJ45 connector for Cat 5 network technology, 10BaseT, 100BaseT.
- Simple installation.
- Also Application for analogue, ISDN, DSL system, Ethernet Twisted Pair.
- DIN-rails type is available



EN-6/RJ45HS-8

## Lightning Even Counter - ECL-A-24

- Nominal Voltage: 24VDC
- LCD Indicator: Lightning Event 0~99
- Counting Current  $\geq 100A$
- Two modules, DIN 43880
- 35mm DIN rail
- Rechargeable battery



ECL-A-24

## Passive Lightning Event Count - SEC series

- Type: SurgeCon™ SEC
- Long service life due to No battery need
- Maintenance free
- Counting accurately
- Sensitive response and wide lightning current measuring range
- Easy to install and use, a simple insertion of the down conductor through the device
- Can be used together with all kinds of lightning protectors and equipment
- Indicator: 0~999999
- Counting Current (rise time  $\geq 0.35KA$ )



SurgeCon™ SEC