



## Photovoltaic DC 1+2 level surge protector YSPD-40C-100M-R/2P



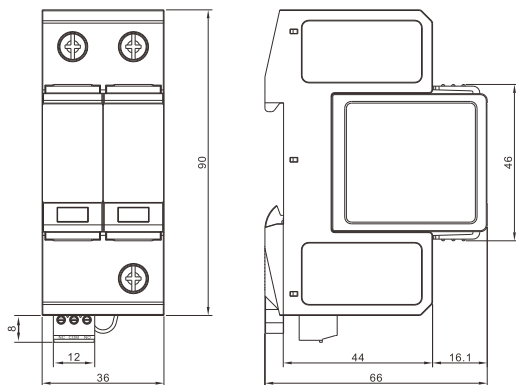
### Description

Pluggable shockproof module, integrated base, I+II level / 1+2 level surge protector, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

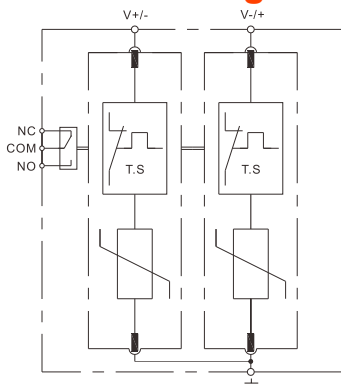
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

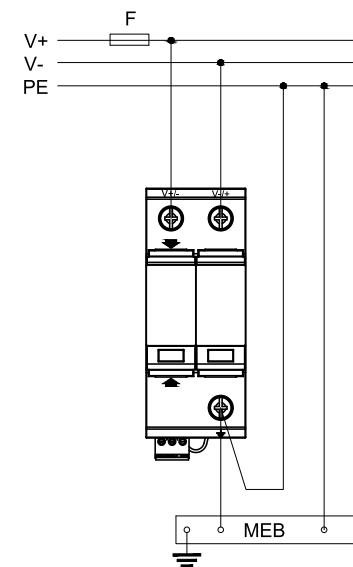
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-100M-R/2P
SPD according to IEC61643-1/11	Class I+Class II
SPD according to EN61643-11	Type 1+Type 2
SPD according to GB/T18802.11	Class I+Class II
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	100 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	5 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	0.6 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	0.35 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCPV}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95\%$ (max 40 °C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912201



## Photovoltaic DC 1+2 level surge protector YSPD-40C-300M-R/2P



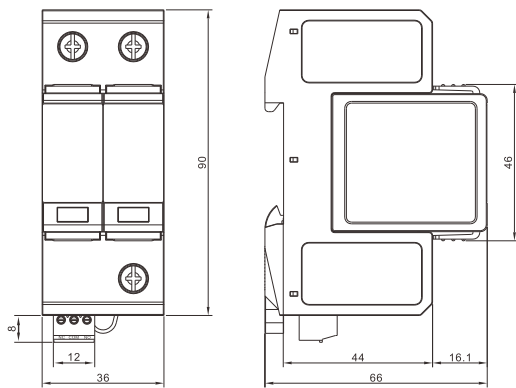
### Description

Pluggable shockproof module, integrated base, I+II level / 1+2 level surge protector, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

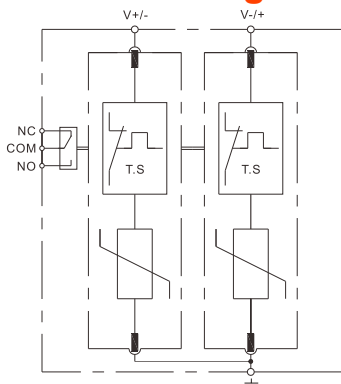
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

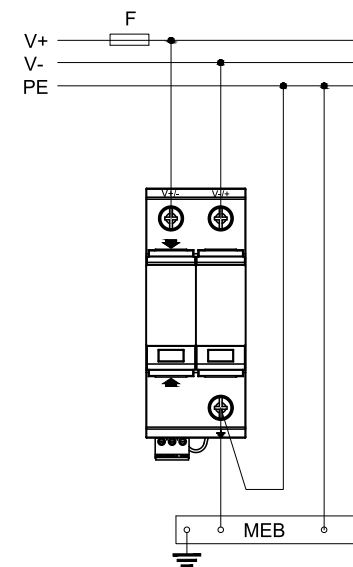
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-300M-R/2P
SPD according to EN 50539-11:2013	Class I+Class II
SPD according to IEC 61643-31:2018	Type 1+Type 2
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	300 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	5 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	1.4 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	1.2 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCPV}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95$ %
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912203



## Photovoltaic DC 1+2 level surge protector YSPD-40C-600M-R/2P



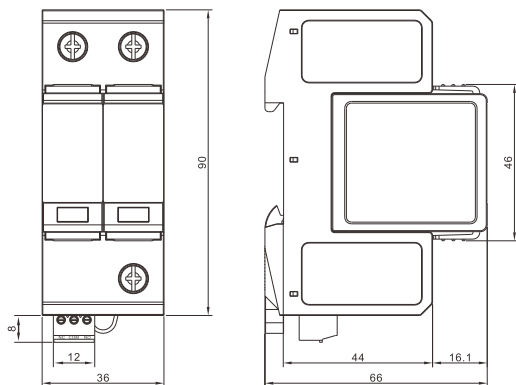
### Description

Pluggable shockproof module, integrated base, I+II level / 1+2 level surge protector, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

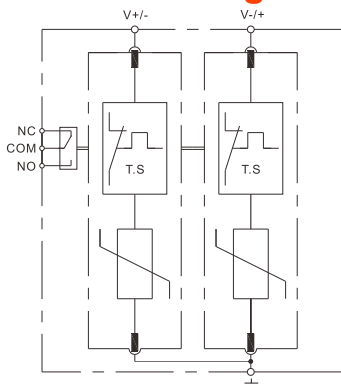
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

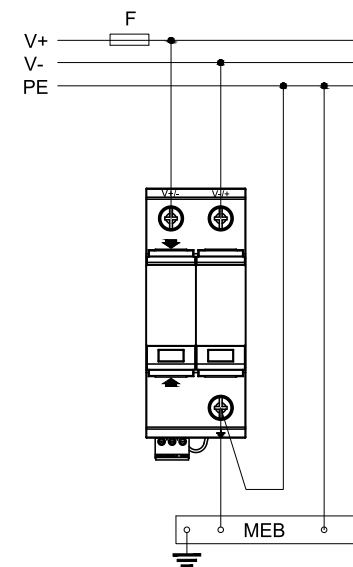
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-600M-R/2P
SPD according to IEC61643-1/11	Class I+Class II
SPD according to EN61643-11	Type 1+Type 2
SPD according to GB/T18802.11	Class I+Class II
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	600 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Lightning impulse current (10/350 $\mu$ s) ( $I_{imp}$ )	5 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	2.0 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	1.9 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCPV}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95$ %
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912205



## Photovoltaic DC Class II surge protector YSPD-40C-100B-R/2P



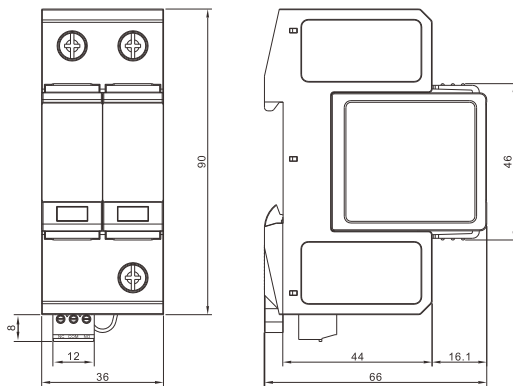
### Description

Pluggable shockproof module, integrated base, Class II/Class 2 surge protector, suitable for photovoltaic DC distribution systems, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

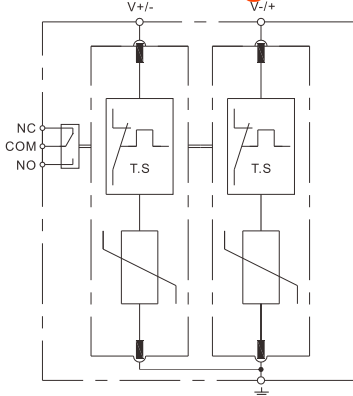
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

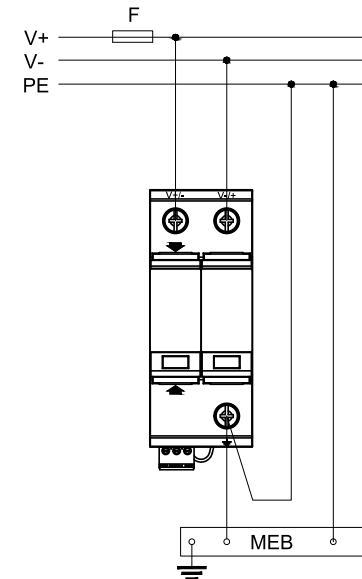
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-100B-R/2P
SPD according to IEC 61643-1/11	Class II
SPD according to EN 61643-11	Type 2
SPD according to GB/T 18802.11	Class II
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	100 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	0.6 kV
Voltage protection level for 5kA ( $U_P$ )	0.35 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area for remote signaling terminals (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 $^{\circ}$ C...+85 $^{\circ}$ C
Relative humidity	$\leq 95$ % (max 40 $^{\circ}$ C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912208



## Photovoltaic DC Class II surge protector YSPD-40C-600B-R/2P



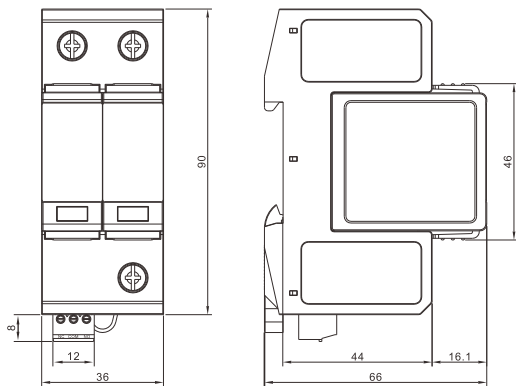
### Description

Pluggable shockproof module, integrated base, Class II/Class 2 surge protector, suitable for photovoltaic DC distribution systems, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

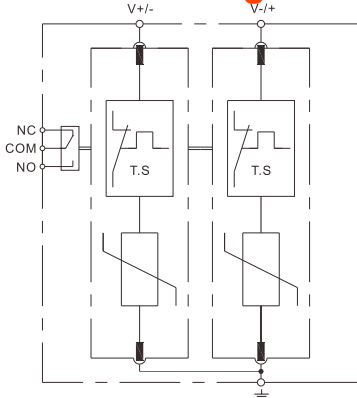
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

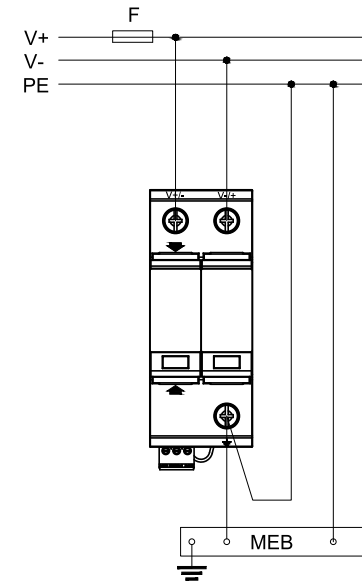
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-600B-R/2P
SPD according to IEC/EN 61643-31	Class II
SPD according to GB/T 18802.31	Type 2
SPD according to UL 1449	4CA
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	600 V(V+/V- to PE), 1200 V(V+ to V-)
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	2.0 kV(V+/V- to PE), 4.0 kV(V+ to V-)
Voltage protection level for 5kA ( $U_P$ )	1.5 kV(V+/V- to PE), 3.0 kV(V+ to V-)
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area for remote signaling terminals (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95$ %
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912212





## Photovoltaic DC Class II surge protector YSPD-40C-900B-R/2P



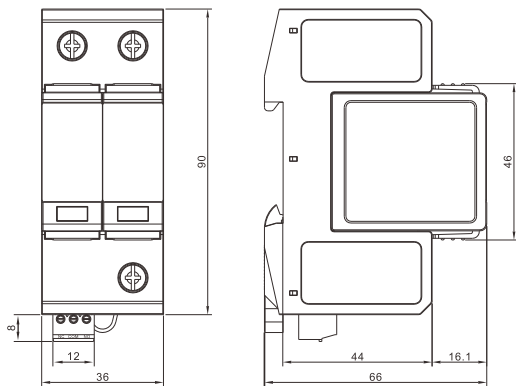
### Description

Pluggable shockproof module, integrated base, Class II/Class 2 surge protector, suitable for photovoltaic DC distribution systems, usually installed in lightning protection zone LPZ 0B-2 and subsequent zones.

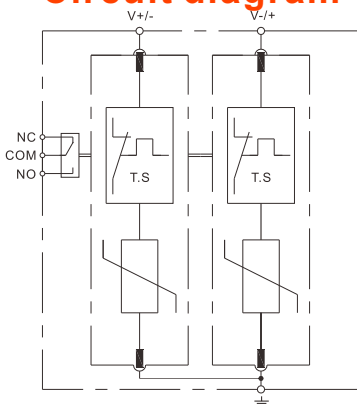
### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

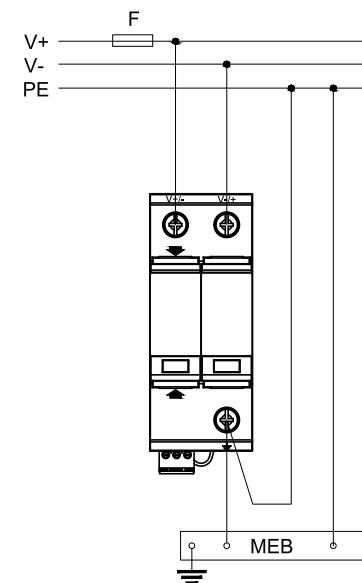
### Dimension drawing



### Circuit diagram



### Wiring diagram



### Electrical

Product model	YSPD-40C-900B-R/2P
SPD according to IEC 61643-31	Class II
SPD according to EN 61643-11	Type 2
SPD according to GB/T18802.11	Class II
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	900 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ ) (+/- to PE)	3.0 kV
Voltage protection level for 5kA ( $U_P$ )	2.5 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 36 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area for remote signaling terminals (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 $^{\circ}$ C...+85 $^{\circ}$ C
Relative humidity	$\leq 95$ % (max 40 $^{\circ}$ C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912214



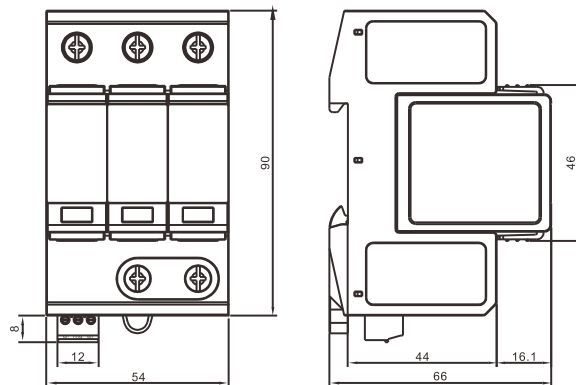
## Photovoltaic DC Class II surge protector YSPD-40C-1000B-R/3P



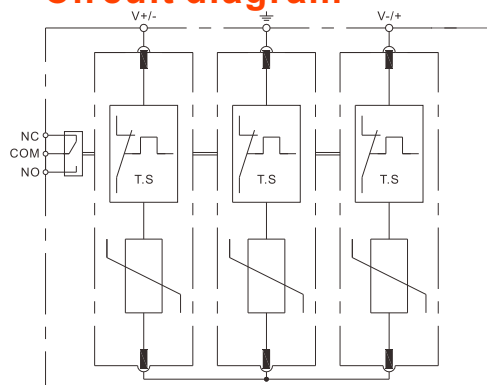
### Description

Pluggable shockproof module, integrated base, II/2 level surge protector, Y-type structure with fully symmetrical protection, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0<sub>B</sub>-2 and subsequent zones.

### Dimension drawing



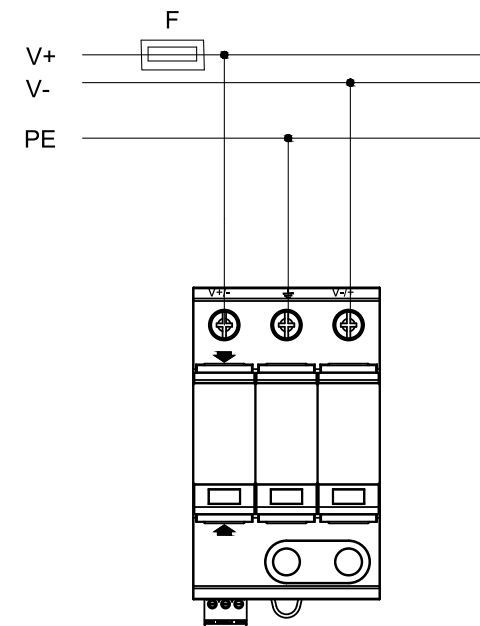
### Circuit diagram



### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

### Wiring diagram



### Electrical

Product model	YSPD-40C-1000B-R/3P
SPD according to EN 50539-11:2013	Type 2
SPD according to CGC/GF 026:2013	Type 2
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	1000 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	3.5 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	2.8 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 54 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 $^{\circ}$ C...+85 $^{\circ}$ C
Relative humidity	$\leq 95$ % (max 40 $^{\circ}$ C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912316



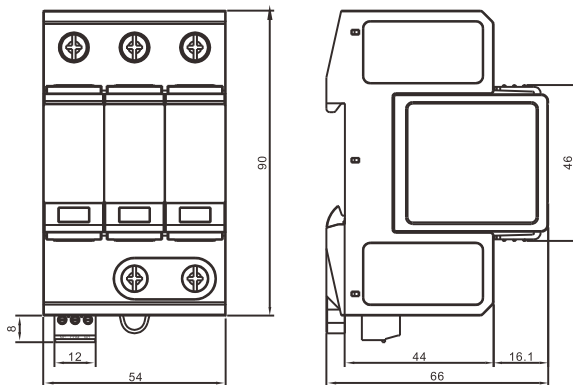
## Photovoltaic DC Class II surge protector YSPD-40C-1200B-R/3P



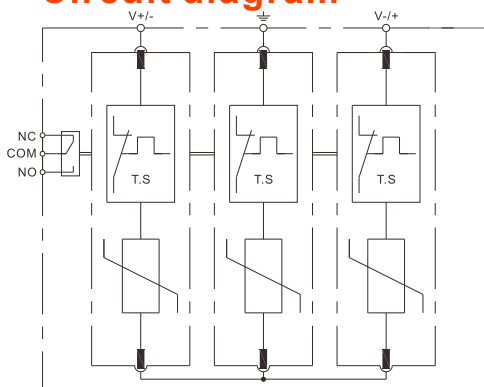
### Description

Pluggable shockproof module, integrated base, II/2 level surge protector, Y-type structure with fully symmetrical protection, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0<sub>B</sub>-2 and subsequent zones.

### Dimension drawing



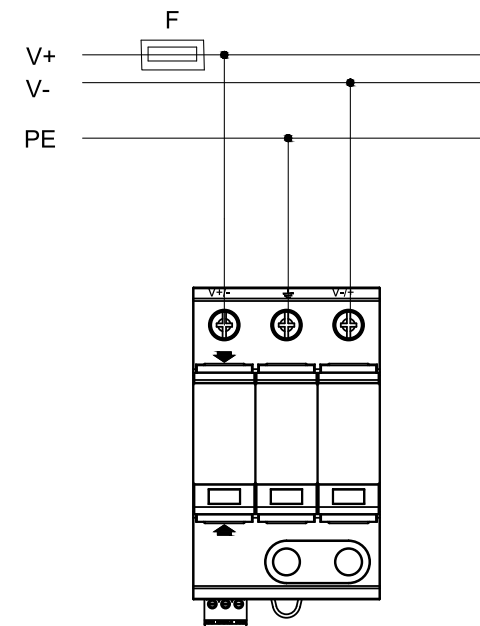
### Circuit diagram



### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

### Wiring diagram



### Electrical

Product model	YSPD-40C-1200B-R/3P
SPD according to EN 50539-11:2013	Type 2
SPD according to CGC/GF 026:2013	Type 2
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	1200 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	4.0 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	3.0 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 54 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95$ % (max 40 °C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912317





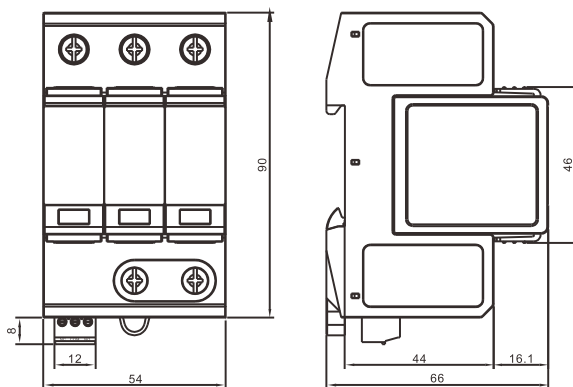
## Photovoltaic DC Class II surge protector YSPD-40C-1500B-R/3P



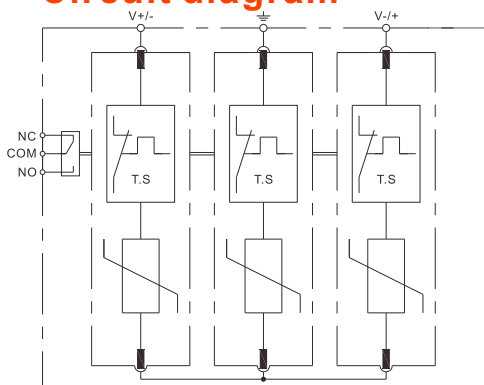
### Description

Pluggable shockproof module, integrated base, II/2 level surge protector, Y-type structure with fully symmetrical protection, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0<sub>B</sub>-2 and subsequent zones.

### Dimension drawing



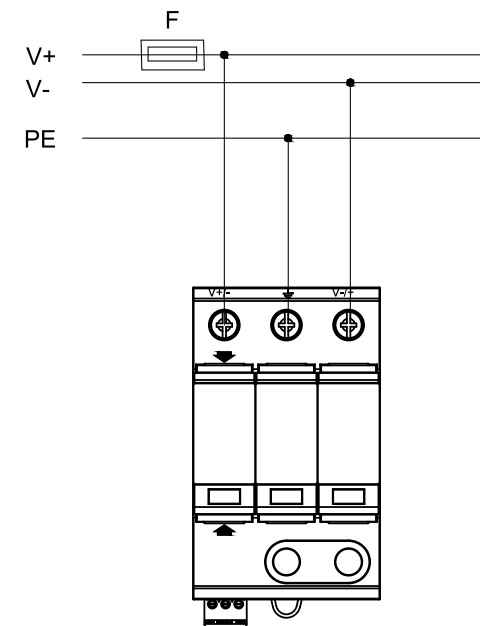
### Circuit diagram



### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

### Wiring diagram



### Electrical

Product model	YSPD-40C-1500B-R/3P
SPD according to EN 50539-11:2013	Type 2
SPD according to CGC/GF 026:2013	Type 2
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	1500 V
Nominal discharge current (8/20 $\mu$ s) ( $I_n$ )	20 kA
Max. discharge current (8/20 $\mu$ s) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	5.0 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	3.8 kV
Response time ( $t_A$ )	$\leq 25$ ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm $\times$ 54 mm $\times$ 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	$\leq 95$ % (max 40 °C)
Operation altitude	$\leq 4$ km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912318



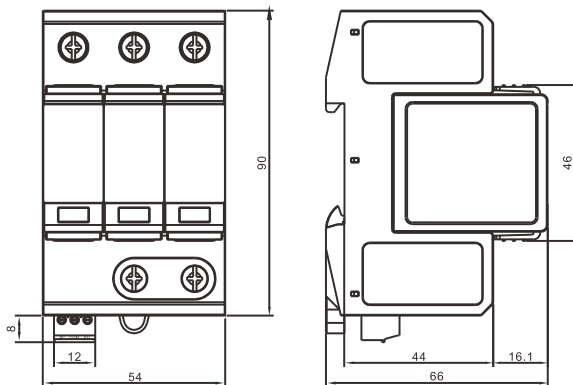
## Photovoltaic DC Class II surge protector YSPD-40C-1800B-R/3P



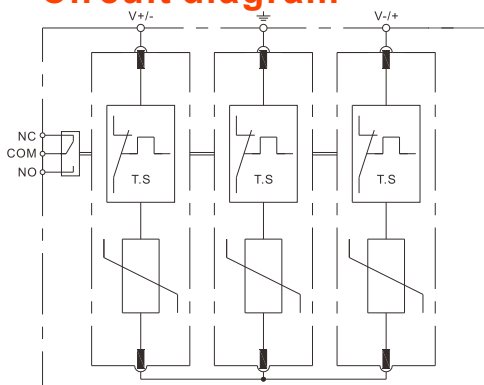
### Description

Pluggable shockproof module, integrated base, II/2 level surge protector, Y-type structure with fully symmetrical protection, suitable for photovoltaic DC power distribution system, usually installed in lightning protection zone LPZ 0<sub>B</sub>-2 and subsequent zones.

### Dimension drawing



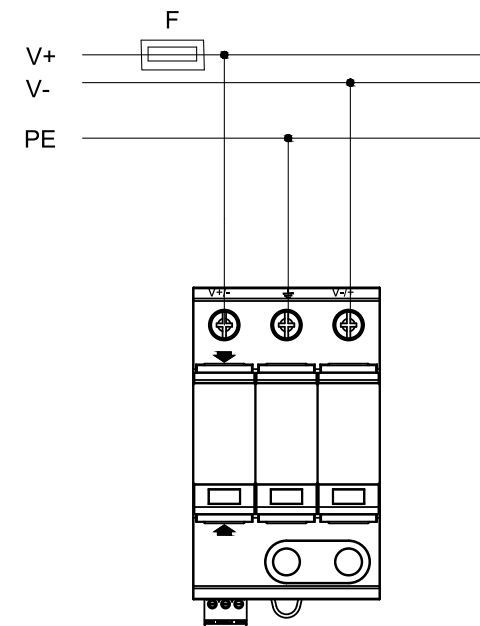
### Circuit diagram



### Features

- Unique arc interruption technology
- Plug-in replacement is convenient
- Fault indication Remote signal alarm
- Low residual pressure, good protection effect

### Wiring diagram



### Electrical

Product model	YSPD-40C-1800B-R/3P
SPD according to IEC/EN 61643-31	Class II
SPD according to GB/T 18802.31	Type 2
SPD according to UL 1449	4CA
Number of ports	1
Technology	MOV
Max. continuous operating d.c. voltage ( $U_{CPV}$ )	1800 V
Nominal discharge current (8/20µs) ( $I_n$ )	20 kA
Max. discharge current (8/20µs) ( $I_{max}$ )	40 kA
Voltage protection level ( $U_P$ )	6.0 kV
Voltage protection level for 5 kA ( $U_P$ )@5kA	5.0 kV
Response time ( $t_A$ )	≤ 25 ns
Max. overcurrent protection	Not required
Short-circuit withstand capability ( $I_{SCP}$ )	1000 A

### Mechanical

Method of mounting	35 mm DIN rail
Enclosure dimensions (HxWxD)	90 mm × 54 mm × 66 mm
Cross-sectional area (max.)	25 mm <sup>2</sup> stranded / flexible
Cross-sectional area (min.)	1.5 mm <sup>2</sup> stranded / flexible
Stripping length terminals	10 mm
Torque contacts	3 N*m(Max), 2 N*m(Recommended)

### Indication

Operating status/fault indication	Green / Red
Type of Changeover contact	Changeover contact
Switching capacity	Max(125 Vac/1 A), Min(5 V/1 mA)
Cross-sectional area (max.)	1.5 mm <sup>2</sup>
Stripping length for indication terminals	7 mm
Torque contacts for indication terminals	0.2 N*m

### Environmental

Location category	Indoor only
Operation temperature range ( $T_u$ )	-40 °C...+85 °C
Relative humidity	≤ 95 % (No condensation)
Operation altitude	≤ 4 km
Degree of protection	IP 20
Enclosure material	Thermoplastic, UL 94V-0
Product code	912319