



Product Specification

KEEP INNOVATING

Combiner box



1.AC+DC	3~5
2.PV1/1	6~11
3.PV2/1	12~13
4.PV2/2	14~18
5.PV3/1	19~20
6.PV3/3	21~23
7.PV4/1	24~25
8.PV4/2	26~27
9.PV4/4	28
10.PV5/1	29
11.PV6/1	29
12.PV6/6	30
13.PV8/1	30
14.PV8/8	31
15.PV12/1	31
16.PV16/1	32
17.PV20/20	32
18.PV24/1	33

OEM/ODM 1-24 STRINGS 500V/1000V/1500V 10-32A INPUT COMBINER BOX

OPTIONAL BOX



IP65 WSHT



IP65 WSHA



IP65 WSHAX



IP65 WSPN



IP66 WSKG



IP66 WSMG



IP67 WSAG



IP65 Metal BOX

AVAILABLE STYLES



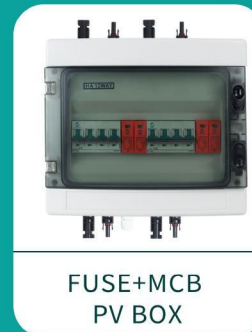
AC



AC+DC



FUSE+SPD
PV BOX



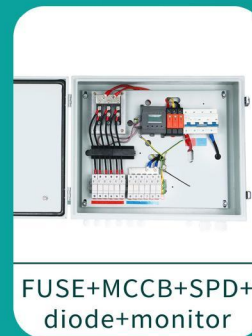
FUSE+MCB
PV BOX



FUSE+MCB+SPD
PV BOX



FUSE+ISOLATOR+SPD
PV BOX



FUSE+MCCB+SPD+
diode+monitor



Solar Combiner Box

WSDB-PV DC+AC



General Data		Environment	
Model No.	WSDB-PV DC+AC	Operating Temperature	-25°C~+55°C
Include	2 PCS fuse + 2p 500v MCB +2p 500v SPD +RCBO+(1P+N) MCB+ 2P AC SPD+ha distribution box+mc4+cable gland	Humidity	0-95%, no condensationMechanical parameter
Input	1 strings		
Output	1 strings	Altitude	2000M
Maximum Voltage	500V	Installation	Wall Mounting
Input Current	15A		
Output Current	15A		
Enclosure	WS-PN 12 WAY	Residual current circuit Breaker	XLID
Material Type	PC/ABS	Rated Voltage (Ue)	AC 230V
Degree of Protection	IP65	Rated Current (In)	40A
Degree of Resistance to Impacts	IK10	Standard	IEC 61008-1
Dimension (WxHxD)	230*273*110	Rated residual action current	30mA
Cable Input Entry	MC4 2.5-6mm ²	Certification	CE
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker	XL7-63	AC 1P+N Circuit Breaker	
Rated Insulation Voltage(Ui)	500v	Rated Voltage (Ue)	AC 230V
Rated Current	15A	Rated Current (In)	32A
Standard Compliance with	IEC60947-2	Standard	IEC 61008-1
Certification	CE IEC CB TUV	Certification	CE
Poles	2P		
DC Surge Arrester	XISPD-PV	AC Surge Arrester	XLSPD-40
Max Operation Voltage(Ucpv)	500v	Max Operation Voltage(Ucpv)	275v
Standard Compliance with	EN61643-3	Standard Compliance with	EN61643-1
Nominal discharge current	20kA	Nominal discharge current	20kA
Maximum discharge current	40kA	Nominal discharge current	40kA
Voltage protection level	3.8KV	Voltage protection level	2KV
Poles	2P	Poles	2P
Maximum Discharge Current	40kA	Maximum Discharge Current	40KA
Certification	TUV CE	Certification	CE
DC fuse holder	WSPV-32B		
Rated Working Voltage	1000v		
Fuse Link	10x38mm 15A		
Certification	CE IEC CB TUV		



Solar Combiner Box

WSDB-PV AC/DC



General Data			
Model No.	WSDB-AC	Residual current circuit Breaker	XLID
Include	2P AC SPD+2P AC MCB+RCBO+ 2PCS 1P FUSE+2P MCB+HA Distribution box	Rated Voltage (Ue)	AC 230V
Input	1 strings	Rated Current (In)	40A
Output	1 strings	Standard	IEC 61008-1
Maximum Voltage	500V	Rated residual action current	30mA
Input Current	32A	Certification	CE
Output Current	32A		
AC Surge Arrester	XLSPD-40	DC fuse holder	WSPV-32B
Max Operation Voltage(Ucpv)	275v	Rated Working Voltage	1000v
Standard Compliance with	EN61643-1	Fuse Link	10x38mm 32A
Nominal discharge current	20kA	Certification	CE
Maximum discharge current	40kA		
Voltage protection level	2KV		
Poles	2P		
Maximum Discharge Current	40KA		
Certification	CE		
Ac Circuit Breaker	XL7-63	Dc Circuit Breaker	XNC-125
Rated Insulation Voltage (Ui)	400V	Rated Insulation Voltage (Ui)	500v
Rated Current (Ie)	63A	Rated Current (Ie)	15A
Standard Compliance with	IEC60898-1	Standard Compliance with	IEC60947-2
Certification	CE	Certification	CE IEC CB TUV
Poles	2P	Poles	2P





Solar Combiner Box

WSDB-PV DC+AC



General Data		Enclosure	
Model No.	WSDB-PV1/1	Material Type	PC/ABS
Include	2 PCS fuse + 1 PCS 2P 500V MCB + 1 PCS 1000V SPD + PN distribution box+mc4+ cable gland+1 PCS 2P 385V AC SPD+1 PCS 2P 400V MCB+1PCS Overvoltage protector	Degree of Protection	IP65
Input	1 strings	Degree of Resistance to Impacts	IK10
Output	1 strings	Dimension (WxHxD)	250*195*110mm
Maximum Voltage	500V	Cable input Entry	MC4 2.5-6mm ²
Max DC Input	32A	Output Cable Gland	PG21 2.5-16mm ²
Maximum Current Output	32A	Certification	CE
Dc Circuit Breaker	XL7-63	AC Circuit Breaker	XL8-63
Rated Insulation Voltage (Ui)	500V	Rated Insulation Voltage (Ui)	400V
Rated Current (Ie)	63A	Rated Current (Ie)	63A
Standard Compliance with	IEC60947-2	Standard Compliance with	IEC60898-1
Certification	CE/TUV/CB/IEC	Certification	CE
Poles	2P	Poles	2P
DC Surge Arrester	XLSPD-PV	AC Surge Arrester	XLSPD
Max Operation Voltage(Ucpv)	1000v	Max Operation Voltage(Ucpv)	385v
Standard Compliance with	EN61643-3	Standard Compliance with	IEC61643-1
Nominal discharge current	20kA	Nominal discharge current	20kA
Maximum discharge current	40kA	Maximum discharge current	40kA
Voltage protection level	3.8KV	Voltage protection level	2KV
Poles	2P	Poles	2P
Maximum Discharge Current	40 KA	Maximum Discharge Current	40 KA
Certification	TUV CE	Certification	CE
DC fuse holder	WSPV-32B	Adjustable Voltage and Current Protector	WSVP-100
Rated Working Voltage	1000v	Pole No.	1P+N
Fuse Link	10x38mm 32A	Rated Voltage	230VAC
Certification	CE	Rated Current	30A
		Electro-mechanical life	100,000 times
		Certification	CE
Environment			
Operating Temperature	-25°C~+55°C		
Humidity	0-95%,no condensationMechanical parameter		
Altitude	2000M		
Installation	Wall Mounting		



Solar Combiner Box

WSDB-PV DC+AC



General Data		Environment	
Model No.	WSDB-PV2/2	Operating Temperature	-25°C~+55°C
Include	4 PCS fuse + 2 PCS 2P 500V MCB + 1 PCS 2P 500V SPD + PN distribution box+mc4+cable gland+1 PCS 2P 385V AC SPD+1 PCS 2P 400V MCB+1PCS Overvoltage protector	Humidity	0-95%,no condensationMechanical parameter
Input	1 strings	Altitude	2000M
Output	1 strings	Installation	Wall Mounting
Maximum Voltage	500V		
Input Current	16A		
Output Current	16A		
Enclosure	WSPN-18 WAY	AC Circuit Breaker	XL8-63
Material Type	PC/ABS	Rated Insulation Voltage (Ui)	400V
Degree of Protection	IP65	Rated Current (Ie)	16A
Degree of Resistance to Impacts	IK10	Standard Compliance with	IEC60898-1
Dimension (WxHxD)	230x381x110	Certification	CE
Cable input Entry	MC4 2.5-6mm ²	Poles	2P
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Surge Arrester	XLSPD-PV	AC Surge Arrester	XLSPD
Max Operation Voltage(Ucpv)	500v	Max Operation Voltage(Ucpv)	385v
Standard Compliance with	EN61643-3	Standard Compliance with	IEC61643-1
Nominal discharge current	20kA	Nominal discharge current	20kA
Maximum discharge current	40kA	Maximum discharge current	40kA
Voltage protection level	2.8KV	Voltage protection level	2KV
Poles	2P	Poles	2P
Maximum Discharge Current	40 KA	Maximum Discharge Current	40 KA
Certification	TUV CE	Certification	CE
Dc Circuit Breaker	XL7-63	Adjustable Voltage and Current Protector	WSVP-100
Rated Insulation Voltage (Ui)	500V	Pole No.	2P
Rated Current (Ie)	16A	Rated Voltage	230VAC
Standard Compliance with	IEC60947-2	Rated Current	40A
Certification	CE/TUV/CB/IEC	Electro-mechanical life	100,000 times
Poles	2P	Certification	CE
DC fuse holder	WSPV-32B		
Rated Working Voltage	1000v		
Fuse Link	10x38mm 15A		
Certification	CE		





WORLD'S UNLIGHT



Solar Combiner Box

WSDB AC+DC 2/2



General Data		AC Surge Arrester	XISPD
Model No.	WSDB AC+DC 2/2	Max Operation Voltage(Ucpv)	385v
Include	4 PCS fuse + 2 PCS 3P 1000V SPD +1 PCS 3P 400V MCB + 1 PCS 4P 385V	Standard Compliance with	IEC61643-1
	AC SPD-1 PCS 3P 400V MCB+WSHA distribution box	Nominal discharge current	20kA
Input	2 strings	Maximum discharge current	40kA
Output	2 strings	Voltage protection level	2kV
Maximum Voltage	1000V	Poles	4P
Max DC Input	15A	Certification	CE
Maximum Current Output	15A		
DC Surge Arrester		AC Circuit Breaker	XL8-63
Max Operation Voltage(Ucpv)	1000v	Rated Insulation Voltage (Ui)	400V
Standard Compliance with	EN61643-3	Rated Current (Ie)	25A
Nominal discharge current	20kA	Standard Compliance with	IEC60898-1
Maximum discharge current	40kA	Certification	CE
Voltage protection level	3.8KV	Poles	3P
Poles	3P		
Maximum Discharge Current	40 KA		
Certification	TUV CE		
DC fuse holder			
	WSPV-32B		
Rated Working Voltage	1000v		
Fuse Link	10x38mm 32A		
Certification	TUV IEC CE		





Solar Combiner Box

WSDB-PV1/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	2 pcs fuse + 2p 500v mcb +2p 500v spd +ha distribution box+ mcb+cable gland	Standard Compliance with	EN61643-3
Input	1 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	63A	Maximum Discharge Current	40 KA
		Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Degree of Protection	IP65	Rated Working Voltage	1000v
Degree of Resistance to Impacts	IK10	Fuse Link	10x38mm LITTEL 15A
Material Type	PC/ABS	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Rated Insulation Voltage (Ui)	500v	Cable input Entry	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV1/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	2 pcs fuse + 2p 500v mcb +2p 500v spd +ha distribution box+ mcb+cable gland	Standard Compliance with	EN61643-3
Input	1 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	63A	Maximum Discharge Current	40 KA
		Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Rated Insulation Voltage (Ui)	500v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV1/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	2 pcs fuse + 2p 500v mcb +2p 500v spd +HT distribution box*	Standard Compliance with	EN61643-3
	mcb+cable gland	Nominal discharge current	20kA
Input	1 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Maximum Current Input	15A	Maximum Discharge Current	40 KA
Maximum Current Output	15A	Certification	TUV CE
Enclosure	WS-HT8 way	DC fuse holder	WSPV-32B
Degree of Protection	IP65	Rated Working Voltage	1000v
Degree of Resistance to Impacts	IK10	Fuse Link	10x38mm LITTEL 15A
Material Type	PC/ABS	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker	XL7-63	Environment	
Rated Insulation Voltage (Ui)	500v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV1/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	2 pcs fuse + 2p 500v mcb +2p 500v spd +PV distribution box*	Standard Compliance with	EN61643-3
	mcb+cable gland	Nominal discharge current	20kA
Input	1 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Maximum Current Input	15A	Maximum Discharge Current	40 KA
Maximum Current Output	15A	Certification	TUV CE
Enclosure	WS-PN6 way	DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker	XL7-63	Environment	
Rated Insulation Voltage (Ui)	500v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



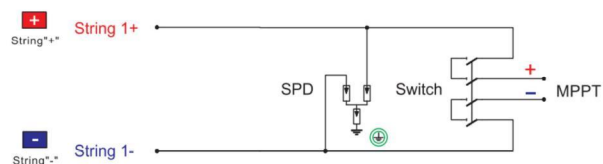


Solar Combiner Box

WSDB-PV1/1(1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	HA4+1pcs 16A 1000VDC MCB+1pcs SPD	Standard Compliance with	EN61643-3
	2p1000VDC+MC4+cable gland+wiring	Nominal discharge current	20kA
Input	1 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	3.8KV
Maximum Voltage	1000V	Poles	2P
Rated Current of DC Breaker	16A	Certification	TUV CE
Max Current Output	16A		
Enclosure		Environment	XISPD-PV
Material Type	PC/ABS	Operating Temperature	-25°C~+55°C
Degree of Protection	IP65	Humidity	0-95%, no condensationMechanical
Degree of Resistance to Impacts	IK10		parameter
Dimension (WxHxD)	220*165*100		2000M
Cable input Entry	MC4 2.5-6mm ²	Altitude	
Output Cable Gland	PG9 2.5-16mm ²	Installation	Wall Mounting
Certification	CE		
Dc Circuit Breaker			
	XL7-63		
Rated Insulation Voltage	1000v		
Rated Current	16A		
Standard Compliance with	IEC60947-2		
Certification	CE TUV IEC		
Poles	4P		



Solar Combiner Box

WSDB-PV1/1 (1000V)



General Data		DC fuse holder	WSPV-32B
Model No.	WSDB-PV1/1 (1000V)	Rated Working Voltage	1000v
Include	2 Pcs Fuse + 3p 1000V SPD + WSPN Distribution Box+M4+Cable Gland	Fuse Link	10x38mm 32A
	+Wiring	Certification	CE/TUV/IEC/CB
Input	1 strings		
output	1 strings		
Maximum Voltage	1000v		
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Output	32A		
Enclosure		Environment	
Material Type	PC/ABS	Operating Temperature	-25°C~+55°C
Degree of Protection	IP65	Humidity	0-95%, no condensationMechanical
Degree of Resistance to Impacts	IK10		parameter
Dimension (WxHxD)	158mm*190mm*98mm		2000M
Cable input Entry	MC4 2.5-6mm ²	Altitude	
Output Cable Gland	PG13.5 2.5-16mm ²	Installation	Wall Mounting
Certification	CE		
Dc Circuit Breaker			
	XLSPD-PV		
Max Operation Voltage(Ucpv)	1000v		
Standard Compliance with	EN61643-3		
Nominal discharge current	20kA		
Maximum discharge current	40kA		
Voltage protection level	3.8KV		
Poles	3P		
Certification	TUV CE		





Solar Combiner Box

WSDB-PV1/1 (1000V)



General Data		DC Isolator Switch	WISO-32
Model No.	WSDB-PV1/1 (1000V)	Rated Insulation Voltage (Ui)	1000v
Include	2 Pcs Fuse + 3p 1000v SPD + 4p DC Isolator Switch + WSPN Distribution	Rated current (Ie)	32A
	Box+M4+Cable Gland+ Wiring	Standard Compliance with	IEC60947-3
Input	1 strings	certification	CE
output	1 strings	Poles	4P
Maximum Voltage	1000v		
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Outpu	32A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	Certification	CE
Dimension (WxHxD)	210mm*190mm*98mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,
Nominal discharge current	20kA		no condensationMechanical
Maximum discharge current	40kA		parameter
Voltage protection level	3.8KV	Altitude	2000M
Poles	3P	Installation	Wall Mounting
Certification	TUV CE		



Solar Combiner Box

WSDB-PV1/1 1000V



General Data		Dc Circuit Breaker	XL7-63
Model No.	WSDB-PV1/1 1000V	Rated operational Voltage	1000v
Include	2 Pcs Fuse + 1 pcs 3p 1000v SPD + 1 pcs 4p DC MCB + WSPN Distribution	Rated current	32A
	Box+M4+Cable Gland+ Wiring	Standard Compliance with	IEC60947-2
Input	1 strings	certification	CE
output	1 strings	Poles	4P
Maximum Voltage	1000V		
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Outpu	32A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	Certification	CE
Dimension (WxHxD)	210mm*190mm*98mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,
Nominal discharge current	20kA		no condensationMechanical
Maximum discharge current	40kA		parameter
Voltage protection level	3.8KV	Altitude	2000M
Poles	3P	Installation	Wall Mounting
Certification	TUV CE		





Solar Combiner Box

WSDB-PV1/1 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	2 pcs fuse + 4p 1000v mcb +3p 1000v spd +ha distribution	Standard Compliance with	EN61643-3
	box+mc4+cable gland	Nominal discharge current	20kA
Input	1 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	3.8KV
Maximum Voltage	1000V	Poles	3P
Maximum Current Input	15A	Certification	TUV CE
Maximum Current Output	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	300*260*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV1/1 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 1000V	Max Operation Voltage(Ucpv)	1000v
Include	2 pcs fuse + 4p 1000v mcb +3p 1000v spd +ha distribution box+mc4+	Standard Compliance with	EN61643-3
	cable gland	Nominal discharge current	20kA
Input	1 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	3.8KV
Maximum Voltage	1000V	Poles	3P
Maximum Current Input	15A	Certification	TUV CE
Maximum Current Output	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	210mm*190mm*98mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
	XL7-63		
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV1/1 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV1/1 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	2 pcs fuse + 4p 1000v mcb + 3p 1000v spd + ha distribution box+mcb+cable gland	Standard Compliance with	EN61643-3
Input	1 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	300*260*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%, no condensationMechanical
Standard Compliance with	IEC60947-2		parameter
Certification	CE/CE/CB/IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV1/1 1000V



General Data		DC Isolator Switch	WISO-32
Model No.	WSDB-PV1/1 1000V	Rated Insulation Voltage (Ui)	1000v
Include	2 Pcs Fuse + 3p 1000v SPD + 4p DC Isolator Switch + WSPN Distribution Box+M4+Cable Gland+ Wiring	Rated current (Ie)	32A
Input	1 strings	Standard Compliance with	IEC60947-3
output	1 strings	certification	CE
Maximum Voltage	1000v	Poles	4P
Max DC Short Circuit current Per Input (Isc)	15A		
Maximum Current Outpu	15A		
Enclosure		DC fuse holder	WSPV-32B
	WS-PN9 way		
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	Certification	CE
Dimension (WxHxD)	210mm*190mm*98mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
	XLSPD-PV		
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%, no condensationMechanical
Nominal discharge current	20kA		parameter
Maximum discharge current	40kA		
Voltage protection level	3.8KV	Altitude	2000M
Poles	3P	Installation	Wall Mounting
Certification	TUV CE		





Solar Combiner Box

WSDB-PV2/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	4 pcs fuse + 2p 500v mcb +2p 500v spd +ha distribution box+mc4 +cable gland	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	215*210*100		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG21 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Operating voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE/CE/CB/IEC		
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV2/1 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/1 (500V)	Max Operation Voltage(Ucpv)	500v
Include	4 pcs fuse + 2p 500v mcb +2p 500v spd +ha distribution box+mc4 +cable gland	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	215*210*100		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG21 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Operating voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE/CE/CB/IEC		
Poles	2P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV2/1 500V



General Data		DC Isolator Switch	
Model No.	WSDB-PV2/1 500V	Rated Insulation Voltage (Ui)	1000v
Include	4 pcs Fuse + 2 pcs 2p 5000v SPD + 1 pcs 4p DC Isolator Switch + WSHAX Distribution Box+Cable Gland+ Wiring	Rated current (Ie)	32A
Input	2 strings	Standard Compliance with	IEC60947-3
output	1 strings	certification	CE
Maximum Voltage	500V	Poles	4P
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Outpu	32A		
Enclosure		Dc fuse holder	
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	certification	CE
Dimension (WxHxD)	298mm*260mm*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%, no condensationMechanical
Nominal discharge current	20kA		parameter
Maximum discharge current	40kA		
Voltage protection level	2.8KV	Altitude	2000M
Poles	2P	Installation	Wall Mounting
Certification	TUV CE		



Solar Combiner Box

WSDB-PV2/1 (1000V)



General Data		DC Surge Arrester	
Model No.	WSDB-PV2/1 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	4 pcs fuse + 4p 1000v mcb +3p 1000v spd +ha distribution box+mc4 +cable gland	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	certification	CE/CE/CB/IEC
Dimension (WxHxD)	296mm*255mm*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%, no condensationMechanical
Standard Compliance with	IEC60947-2		parameter
Certification	CE TUV IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV2/2 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 (500V)	Max Operation Voltage(Ucpv)	500v
Include	4 pcs fuse + 2 pcs 2p 500v mcb + 2 pcs 2p 500v spd + ha distribution box	Standard Compliance with	EN61643-3
	+mc4+cable gland	Nominal discharge current	20kA
Input	2 strings	Maximum discharge current	40kA
Output	2 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Maximum Current Input	15A	Certification	TUV CE
Maximum Current Output	15A		
Enclosure		Dc fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	certification	CE/CB/IEC
Dimension (WxHxD)	296mm*255mm*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV2/2 500V



General Data		DC fuse holder	WSPV-32B
Model No.	WSDB-PV2/2 500V	Rated Working Voltage	1000v
Include	4 Pcs Fuse + 2 pcs 2p 500v SPD + WSPN Distribution Box+M4+	Fuse Link	10x38mm LITTEL 15A
	Cable Gland+ Wiring	Certification	CE/CE/CB/IEC
Input	2 strings		
Output	2 strings		
Maximum Voltage	500v		
Max DC Short Circuit current Per Input (Isc)	15A		
Maximum Current Output	15A	Environment	
		Operating Temperature	-25°C~+55°C
Enclosure		Material Type	PC/ABS
		Humidity	0-95%,
Degree of Protection	IP65		no condensationMechanical
Degree of Resistance to Impacts	IK10		parameter
Dimension (WxHxD)	212mm*207mm*100mm	Altitude	2000M
Cable input Entry	MC4 2.5-6mm ²	Installation	Wall Mounting
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		XLSPD-PV	
Max Operation Voltage(Ucpv)	1000v		
Standard Compliance with	EN61643-3		
Nominal discharge current	20kA		
Maximum discharge current	40kA		
Voltage protection level	2.8KV		
Poles	2P		
Certification	TUV CE		





Solar Combiner Box

WSDB-PV2/2 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	WSHA12 distribution box+2 PCS 20A 1000V DC MCB+ 2 PCS DC SPD 2P 1000V +MC4+cable gland+wiring	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Rated Current of DC Breaker	16A	Poles	2P
Max Current Output	16A	Certification	TUV CE
Enclosure		Environment	XISPD-PV
Material Type	PC/ABS	Operating Temperature	-25°C~+55°C
Degree of Protection	IP65	Humidity	0-95%, no condensationMechanical
Degree of Resistance to Impacts	IK10		parameter
Dimension (WxHxD)	296*255*140mm		2000M
Cable input Entry	MC4 2.5-6mm²	Altitude	
Output Cable Gland	PG9 2.5-16mm²	Installation	Wall Mounting
Certification	CE		
Dc Circuit Breaker			
	XL7-63		
Rated Insulation Voltage	1000v		
Rated Current	16A		
Standard Compliance with	IEC60947-2		
Certification	CE TUV IEC		
Poles	4P		



Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 1000V	Max Operation Voltage(Ucpv)	1000v
Include	4 Pcs Fuse + 2 pcs 3p 1000v SPD + 2 pcs 4p DC Isolator Switch + WSPN Distribution Box+M4+Cable Gland+ +Wiring	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
output	2 strings	Maximum discharge current	40kA
Maximum Voltage	1000v	Voltage protection level	3.8KV
Max DC Short Circuit current Per Input (Isc)	32A	Poles	3P
Maximum Current Outpu	32A	Certification	TUV CE
Enclosure		Dc fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	certification	CE
Dimension (WxHxD)	370mm*220 mm*110mm		
Cable input Entry	MC4 2.5-6mm²		
Output Cable Gland	PG13.5 2.5-16mm²		
Certification	CE		
DC Isolator Switch		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated current (Ie)	32A	Humidity	0-95%, no condensationMechanical
Standard Compliance with	IEC60947-3		parameter
certification	CE		2000M
Poles	4P	Altitude	
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Isolator Switch	WISO-32
Model No.	WSDB-PV2/2 1000V	Rated Insulation Voltage (Ui)	1000v
Include	4 Pcs Fuse + 2 pcs 2p 500v SPD + WSPN Distribution Box+M4+ Cable Gland+ *Wiring	Rated current (Ie)	32A
Input	2 strings	Standard Compliance with certification	IEC60947-3 CE
Output	2 strings	Poles	4P
Maximum Voltage	1000v		
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Output	32A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CE/CB/IEC
Dimension (WxHxD)	370mm*220 mm*110mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%, no condensationMechanical parameter
Nominal discharge current	20kA		
Maximum discharge current	40kA		
Voltage protection level	3.8KV	Altitude	2000M
Poles	3P	Installation	Wall Mounting
Certification	TUV CE		



Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 1000V	Max Operation Voltage(Ucpv)	1000v
Include	4 pcs fuse + 2 pcs 4p 1000v mcb +2 pcs 3p 1000v spd +ha distribution box+cable gland	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	1000v	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
Operating voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensationMechanical parameter
Standard Compliance with	IEC60947-2		
Certification	CE/CB/IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 1000V	Max Operation Voltage(Ucpv)	1000v
Include	4 pcs fuse + 2 pcs 4p 1000v mcb +2 pcs 3p 1000v spd + ha distribution box+mc4+cable gland+Wiring	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		Dc fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Operating voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE/CB/IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting

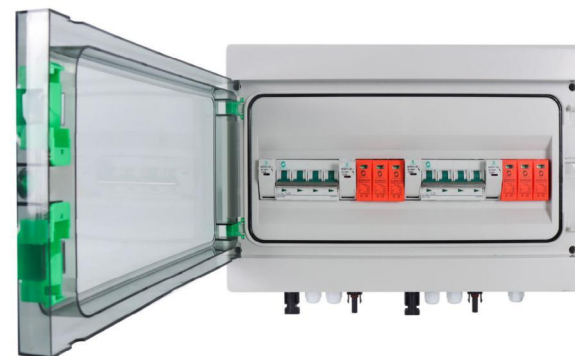


Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 1000V	Max Operation Voltage(Ucpv)	1000v
Include	4 pcs fuse + 2 pcs 4p 1000v mcb +2 pcs 3p 1000v spd +WSPHAX distribution box+mc4+cable gland+Wiring	Standard Compliance with	EN61643-3
Input	2 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	1000v	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		Environment	
	XL7-63		
Operating voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE/CB/IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV2/2 1000V	Max Operation Voltage(Ucpv)	1000v
Include	4 Pcs Fuse + 2 pcs 3p 1000v SPD + 2 pcs 4p DC MCB + WSPN Distribution Box+M4+Cable Gland+ +Wiring	Standard Compliance with	EN61643-3
Input	1 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000v	Voltage protection level	3.8KV
Maximum Current Input	32A	Poles	3P
Maximum Current Output	32A	Certification	TUV CE
Enclosure		Dc fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 32A
Degree of Resistance to Impacts	IK10	certification	CE
Dimension (WxHxD)	370mm*220 mm*110mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	32A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV2/2 1000V



General Data		DC fuse holder	WSPV-32B
Model No.	WSDB-PV2/2 1000V	Rated Working Voltage	1000v
Include	4 Pcs Fuse + 2 pcs 3p 1000v SPD + WSPN Distribution Box +M4+Cable Gland+ +Wiring	Fuse Link	10x38mm 32A
Input	2 strings	Certification	CE
Output	2 strings		
Maximum Voltage	1000v		
Max DC Short Circuit current Per Input (Isc)	32A		
Maximum Current Output	32A	Environment	
Enclosure	WSPN-12 WAY	Operating Temperature	-25°C~+55°C
Material Type	PC/ABS	Humidity	0-95%,
Degree of Protection	IP65		no condensationMechanical
Degree of Resistance to Impacts	IK10		parameter
Dimension (WxHxD)	265mm*218mm*110mm	Altitude	2000M
Cable input Entry	MC4 2.5-6mm ²	Installation	Wall Mounting
Output Cable Gland	PG13.5 2.5-16mm ²		
Certification	CE		
Dc surge Arrester		XLSPD-PV	
Max Operation Voltage(Ucpv)	1000v		
Standard Compliance with	EN61643-3		
Nominal discharge current	20kA		
Maximum discharge current	40kA		
Voltage protection level	3.8KV		
Poles	3P		
Certification	TUV CE		





Solar Combiner Box

WSDB-PV3/1(500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/1(500V)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs fuse + 2p 500v mcb + 2p 500v spd +1a distribution box	Standard Compliance with	EN61643-3
	+mc4+cable gland	Nominal discharge current	20kA
Input	3 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Maximum Current Input	15A	Certification	TUV CE
Maximum Current Output	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	296*255*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Operating voltage	500v	Operating Temperature	-25℃~+55℃
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV3/1(500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/1(500V)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs fuse + 2p 500v mcb + 2p 500v spd +1a distribution box	Standard Compliance with	EN61643-3
	+mc4+cable gland	Nominal discharge current	20kA
Input	3 strings	Maximum discharge current	40kA
Output	1 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Maximum Current Input	15A	Certification	TUV CE
Maximum Current Output	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	296*255*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
	XL7-63		
Operating voltage	500v	Operating Temperature	-25℃~+55℃
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV3/1(1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (500V)	Max Operation Voltage(Ucpv)	500v
Include	6 pcs fuse + 3 pcs 2p 500v mcb + 3 pcs 2p 500v spd +ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	3 strings	Nominal discharge current	20kA
Output	3 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CB/IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV3/1(1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/1(1000V)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs fuse + 4p 1000v mcb +3p 1000v spd +ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	3 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	45A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE/CB/IEC		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV3/3 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (500V)	Max Operation Voltage(Ucpv)	500v
Include	6 pcs fuse + 3 pcs 2p 500v mcb + 3 pcs 2p 500v spd + ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	3 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm LITTEL 15A
Degree of Resistance to Impacts	IK10	Certification	CE/CB/IEC
Dimension (WxHxD)	410*285*140mm		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical parameter
Certification	CE/CB/IEC		
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV3/3 (500V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (500V)	Max Operation Voltage(Ucpv)	500v
Include	WSHA12 distribution box+3 PCS 16A 1000V DC MCB+ 3 PCS DC SPD 2P 500V +MC4+cable gland+wiring	Standard Compliance with	EN61643-3
Input	3 strings	Nominal discharge current	20kA
Output	3 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Rated Current of DC Breaker	16A	Poles	2P
Max Current Output	16A	Certification	TUV CE
Enclosure		Environment	
Material Type	PC/ABS	Operating Temperature	-25°C~+55°C
Degree of Protection	IP65	Humidity	0-95%,
Degree of Resistance to Impacts	IK10		no condensationMechanical parameter
Dimension (WxHxD)	296*255*140mm		
Cable input Entry	MC4 2.5-6mm ²	Altitude	2000M
Output Cable Gland	PG9 2.5-16mm ²²	Installation	Wall Mounting
Certification	CE		
Dc Circuit Breaker		Environment	
Rated Insulation Voltage	500v		
Rated Current	16A		
Standard Compliance with	IEC60947-2		
Certification	CE TUV IEC		
Poles	2P		





Solar Combiner Box

WSDB-PV3/3 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	WSHA18 distribution box+3 PCS 20A 1000V DC MCB+	Standard Compliance with	EN61643-3
	3 PCS DC SPD 2P 1000V +MC4+cable gland+wiring	Nominal discharge current	20kA
Input	3 strings	Maximum discharge current	40kA
Output	3 strings	Voltage protection level	3.8KV
Maximum Voltage	1000V	Poles	2P
Rated Current of DC Breaker	16A	Certification	TUV CE
Max Current Output	16A		
Enclosure		Environment	
Material Type	PC/ABS	Operating Temperature	-25°C~+55°C
Degree of Protection	IP65	Humidity	0-95%,
Degree of Resistance to Impacts	IK10		no condensationMechanical
Dimension (WxHxD)	410*285*140MM		parameter
Cable input Entry	MC4 2.5-6mm ²	Altitude	2000M
Output Cable Gland	PG9 2.5-16mm ²	Installation	Wall Mounting
Certification	CE		
Dc Circuit Breaker		XL7-63	
Rated Insulation Voltage(UI)	1000v		
Rated Current	16A		
Standard Compliance with	IEC60947-2		
Certification	CE TUV IEC		
Poles	4P		



Solar Combiner Box

WSDB-PV3/3 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs fuse + 3 pcs 4p 1000v mcb + 3 pcs 3p 1000v	Standard Compliance with	EN61643-3
	spd +hax distribution box+mc4+cable gland	Nominal discharge current	20kA
Input	3 strings	Maximum discharge current	40kA
Output	3 strings	Voltage protection level	3.8KV
Maximum Voltage	1000V	Poles	3P
Rated Current of DC Breaker	15A	Maximum Discharge Current	40kA
Max Current Output	15A	Certification	TUV CE
Enclosure		DC fuse holder	
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	298*570*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		XL7-63	
Rated Insulation Voltage(UI)	1000v		
Rated Current	16A		
Standard Compliance with	IEC60947-2		
Certification	CE TUV IEC		
Poles	4P		
		Environment	
		Operating Temperature	-25°C~+55°C
		Humidity	0-95%,
			no condensationMechanical
			parameter
		Altitude	2000M
		Installation	Wall Mounting





WORLD'S UNLIGHT



Solar Combiner Box

WSDB-PV3/3 (1000V)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV3/3 (1000V)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs fuse + 3 pcs 4p 1000v mcb + 3 pcs 2p 1000v spd + ha distribution box+mcb+cable gland	Standard Compliance with	EN61643-3
Input	3 strings	Nominal discharge current	20kA
Output	3 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Current Input	15A	Poles	2P
Current Output	15A	Maximum Discharge Current	40 KA
		Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	295*416*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	63A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE TUV IEC		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV4/1 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/1 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs fuse + 2p 500v mcb + 2p 500v spd +1a distribution box+mc4 +cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Current Input	15A	Poles	2P
Current Output	60A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	296*255*140		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE TUV IEC		
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV4/1 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/1 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs fuse + 2p 500v mcb + 2p 500v spd +1a distribution box+mc4 +cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Current Input	15A	Poles	2P
Current Output	60A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	296*255*140		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE TUV IEC		
Poles	2P	Altitude	2000M
		Installation	Wall Mounting





WORLD SUNLIGHT

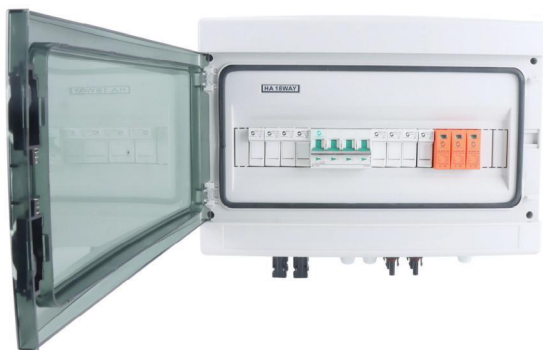


Solar Combiner Box

WSDB-PV4/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	8 pcs fuse + 4p 1000v mcb + 3p 1000v spd + ha distribution box+mcb +cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Current Input	15A	Poles	3P
Current Output	60A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	410*285*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Circuit Breaker		Environment	
Operating Voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	63A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE TUV IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV4/2 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/2 (500v)	Max Operation Voltage(Ucpv)	1000v
Include	8 pcs fuse + 2 pcs 2p 500v mcb + 2 PCS 2P 500V SPD + ha distribution box+mcb+cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Current Input	15A	Poles	2P
Current Output	30A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	410*285*140		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	32A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE TUV IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV4/2 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/2 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs fuse + 2 pcs 2p 500v mcb + 2 PCS 2P 500V SPD + ha distribution box+mcb+cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Current Input	15A	Poles	2P
Current Output	30A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	410*285*140		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	32A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE TUV IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV4/2 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/2 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs fuse + 1 pcs 4p 1000V DC Isolator Switch +2 PCS 2P 500V SPD +1ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8KV
Max DC Short Circuit current Per Input (Isc)	15A	Poles	2P
Maximum Current Outpu	30A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	410*285*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Isolator Switch		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated current (Ie)	32A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-3		Mechanical parameter
certification	CE		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV4/2 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/2 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	8 pcs fuse + 1 pcs 4p 1000V DC Isolator Switch +2 PCS 2P 500V SPD +1ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	4 strings	Nominal discharge current	20kA
Output	2 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	3.8KV
Max DC Short Circuit current Per Input (Isc)	15A	Poles	3P
Maximum Current Outpu	30A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	295*416*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Isolator Switch		Environment	
Operating Voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	32A	Humidity	0-95%, no condensation
Standard Compliance with	IEC60947-2		Mechanical parameter
Certification	CE TUV IEC		
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV4/4 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/2 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs fuse + 4 pcs 2p 500v mcb +4 pcs 2p 500v spd +ha distribution	Standard Compliance with	EN61643-3
	box+mcb+cable gland	Nominal discharge current	20kA
Input	4 strings	Maximum discharge current	40kA
Output	4 strings	Voltage protection level	2.8KV
Maximum Voltage	500V	Poles	2P
Current Input	15A	Certification	TUV CE
Current Output	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	295*416*140		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Isolator Switch		Environment	
Operating Voltage	500v	Operating Temperature	-25°C~+55°C
Rated Current	15A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE TUV IEC		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting



Solar Combiner Box

WSDB-PV4/4 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV4/4 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	8 pcs fuse + 4 pcs 4p 1000v mcb +4 pcs 3p 1000v spd +ha distribution	Standard Compliance with	EN61643-3
	box+mcb+cable gland	Nominal discharge current	20kA
Input	4 strings	Maximum discharge current	40kA
Output	4 strings	Voltage protection level	3.8KV
Maximum Voltage	500V	Poles	3P
Max DC Short Circuit current Per Input (Isc)	15A	Certification	TUV CE
Maximum Current Outpu	15A		
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	380*381*110		
Cable Input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
DC Isolator Switch		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated current (Ie)	32A	Humidity	0-95%,
Standard Compliance with	IEC60947-3		no condensationMechanical
certification	CE		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box

WSDB-PV5/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV5/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	10 pcs fuse + 4 pcs 4p 1000v mcb + 4 pcs 3p 1000v spd + ha distribution box+mc4+cable gland	Standard Compliance with	EN61643-3
Input	5 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	75A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	PC/ABS	Rated Working Voltage	1000v
Degree of Protection	IP65	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	298*570*140		
Cable input Entry	MC4 2.5-6mm ²		
Output Cable Gland	PG9 2.5-16mm ²		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage	1000v	Operating Temperature	-25°C~+55°C
Rated Current	15A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE TUV IEC		parameter
Poles	3P	Altitude	2000M
		Installation	Wall Mounting

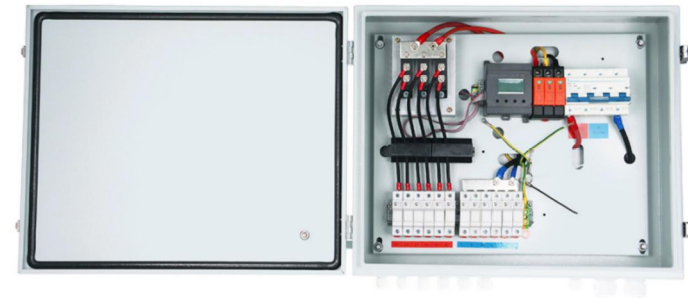


Solar Combiner Box

WSDB-PV6/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV6/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	12 pcs fuse + 1 pcs 4p 1000v mccb + 1 pcs 3p 1000v spd +Metal box +cable gland+Diode	Standard Compliance with	EN61643-3
Input	6 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.2KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	90A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	powder coated 201 stainless steel	Rated Working Voltage	1000v
Degree of Protection	IP66	Fuse Link	10x38mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE TUV IEC
Dimension (WxHxD)	440*400*180mm		
Cable input Entry	cable gland		
Output Cable Gland	cable gland		
Certification	CE		
Dc Circuit Breaker		Environment	
Operating Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	100A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting
		Diode	
		Rated Current	55A
		Rated Insulation Voltage	1600V



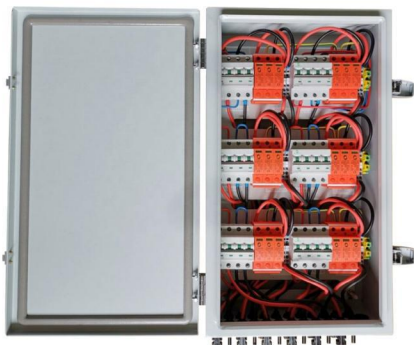


Solar Combiner Box

WSDB-PV6/6 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV6/6 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	6 pcs 4p 1000v mcb +8 pcs 3p 1000v spd +Metal box+ cable gland	Standard Compliance with	EN61643-3
Input	6 strings	Nominal discharge current	20kA
Output	6 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		Environment	
Material Type		Metal box	
Degree of Protection		powder coated 201 stainless steel	
Degree of Resistance to Impacts		IP66	
Dimension (WxHxD)		IK10	
Cable input Entry		/	
Output Cable Gland		cable gland	
Certification		CE	
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)		XL8-63	
Rated Current (Ie)		1000v	
Standard Compliance with		Operating Temperature	
Poles		Humidity	
Certification		0-95%, no condensationMechanical parameter	
		Altitude	
		2000M	
		Installation	
		Wall Mounting	

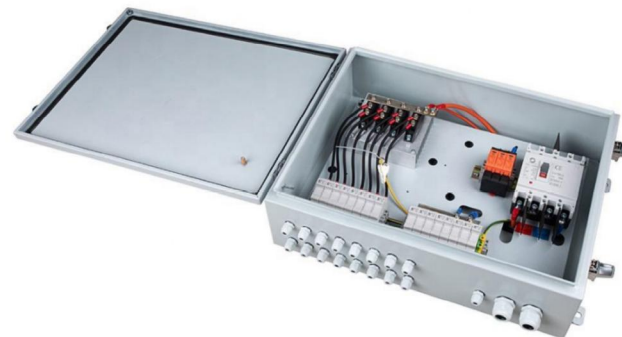


Solar Combiner Box

WSDB-PV8/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV8/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	16 pcs fuse + 1 pcs 4p 1000v mcb +1 pcs 3p 1000v spd +Metal box +cable gland+Diode	Standard Compliance with	EN61643-3
Input	8 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.2KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	120A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type		Metal box	
Degree of Protection		powder coated 201 stainless steel	
Degree of Resistance to Impacts		IP66	
Dimension (WxHxD)		IK10	
Cable input Entry		/	
Output Cable Gland		cable gland	
Certification		CE	
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)		XM1-PV	
Rated Current (Ie)		1000v	
Standard Compliance with		Operating Temperature	
Certification		Humidity	
Poles		0-95%, no condensationMechanical parameter	
		Altitude	
		2000M	
		Installation	
		Wall Mounting	
		Diode	
		Rated Current	
		55A	
		Rated Insulation Voltage	
		1600V	



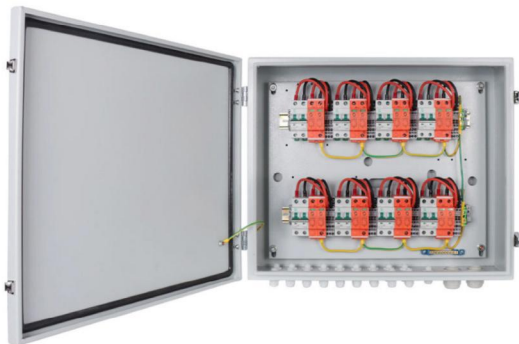


Solar Combiner Box

WSDB-PV8/8 (500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV8/8 (500v)	Max Operation Voltage(Ucpv)	500v
Include	8 pcs 2p 500v mcb +8 pcs 2p 500v spd +Metal box+ cable gland	Standard Compliance with	EN61643-3
Input	8 strings	Nominal discharge current	20kA
Output	8 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8 KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		Environment	
Material Type		Metal box	
Degree of Protection		powder coated 201 stainless steel	
Degree of Resistance to Impacts		IP66	
Dimension (WxHxD)		IK10	
Cable Input Entry		440*400*180mm	
Output Cable Gland		cable gland	
Certification		CE	
DC Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)		XL8-63	
Rated Current (Ie)		500v	
Standard Compliance with		Operating Temperature	
Poles		Humidity	
Certification		0-95%,	
		no condensationMechanical	
		parameter	
		Altitude	
		2000M	
		Installation	
		Wall Mounting	

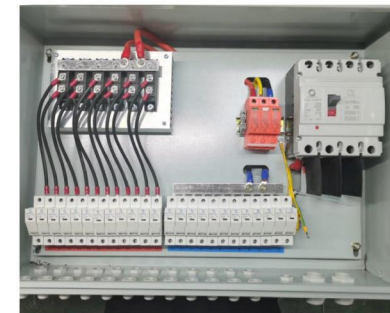


Solar Combiner Box

WSDB-PV12/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV12/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	24 pcs fuse + 1 pcs 4p 1000v mccb +1 pcs 3p 1000v spd +Metal box+ cable gland+Diode	Standard Compliance with	EN61643-3
Input	12 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.2KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	180A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type		Metal box	
Degree of Protection		powder coated 201 stainless steel	
Degree of Resistance to Impacts		IP66	
Dimension (WxHxD)		IK10	
Cable Input Entry		/	
Output Cable Gland		cable gland	
Certification		CE	
DC Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)		XM1-PV	
Rated Current (Ie)		1000v	
Standard Compliance with		Operating Temperature	
Poles		Humidity	
Certification		0-95%,	
		no condensationMechanical	
		parameter	
		Altitude	
		2000M	
		Installation	
		Wall Mounting	
		Diode	
		Rated Current	
		55A	
		Rated Insulation Voltage	
		1600V	



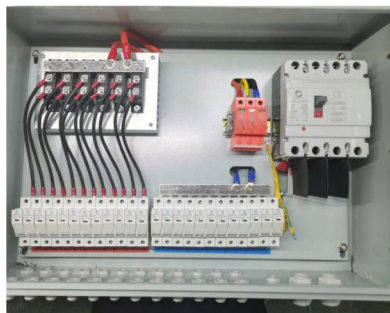


Solar Combiner Box

WSDB-PV16/1 (1500v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV16/1 (1500v)	Max Operation Voltage(Ucpv)	1500v
Include	32 pcs fuse + 1 pcs 2p 1500v mcb +1 pcs 3p 1500v spd + Metal box+cable gland+Diode	Standard Compliance with	EN61643-3
Input	16 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1500V	Voltage protection level	3.2KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	250A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	powder coated 201 stainless steel	Rated Working Voltage	1500v
Degree of Protection	IP66	Fuse Link	10x85mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE
Dimension (WxHxD)	450*660*180mm		
Cable input Entry	cable gland		
Output Cable Gland	cable gland		
Certification	CE		
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)	1500v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	250A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE		parameter
Poles	2P	Altitude	2000M
		Installation	Wall Mounting
		Diode	
		Rated Current	55A
		Rated Insulation Voltage	1600V



Solar Combiner Box

WSDB-PV20/20



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV8/8 (500v)	Max Operation Voltage(Ucpv)	500v
Include	20 pcs 2p 500v mcb +20 pcs 2p 500v spd +Metal box+ cable gland	Standard Compliance with	EN61643-3
Input	20 strings	Nominal discharge current	20kA
Output	20 strings	Maximum discharge current	40kA
Maximum Voltage	500V	Voltage protection level	2.8 KV
Maximum Current Input	15A	Poles	2P
Maximum Current Output	15A	Certification	TUV CE
Enclosure		Metal box	
Material Type	powder coated 201 stainless steel		
Degree of Protection	IP66		
Degree of Resistance to Impacts	IK10		
Dimension (WxHxD)	/		
Cable input Entry	cable gland		
Output Cable Gland	cable gland		
Certification	CE		
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)	500v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	15A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Poles	4P		parameter
Certification	CE/TUV/IEC/CB	Altitude	2000M
		Installation	Wall Mounting





Solar Combiner Box
WSDB-PV24/1 (1000v)



General Data		DC Surge Arrester	XISPD-PV
Model No.	WSDB-PV24/1 (1000v)	Max Operation Voltage(Ucpv)	1000v
Include	32 pcs fuse + 1 pcs 2p 1500v mccb +1 pcs 3p 1500v spd + Metal box+cable gland+Diode	Standard Compliance with	EN61643-3
Input	24 strings	Nominal discharge current	20kA
Output	1 strings	Maximum discharge current	40kA
Maximum Voltage	1000V	Voltage protection level	3.8KV
Maximum Current Input	15A	Poles	3P
Maximum Current Output	360A	Certification	TUV CE
Enclosure		DC fuse holder	WSPV-32B
Material Type	powder coated 201 stainless steel	Rated Working Voltage	1500v
Degree of Protection	IP66	Fuse Link	10x85mm 15A
Degree of Resistance to Impacts	IK10	Certification	CE
Dimension (WxHxD)	/		
Cable Input Entry	cable gland		
Output Cable Gland	cable gland		
Certification	CE		
Dc Circuit Breaker		Environment	
Rated Insulation Voltage (Ui)	1000v	Operating Temperature	-25°C~+55°C
Rated Current (Ie)	400A	Humidity	0-95%,
Standard Compliance with	IEC60947-2		no condensationMechanical
Certification	CE		parameter
Poles	4P	Altitude	2000M
		Installation	Wall Mounting
		Diode	
		Rated Current	55A
		Rated Insulation Voltage	1600V

