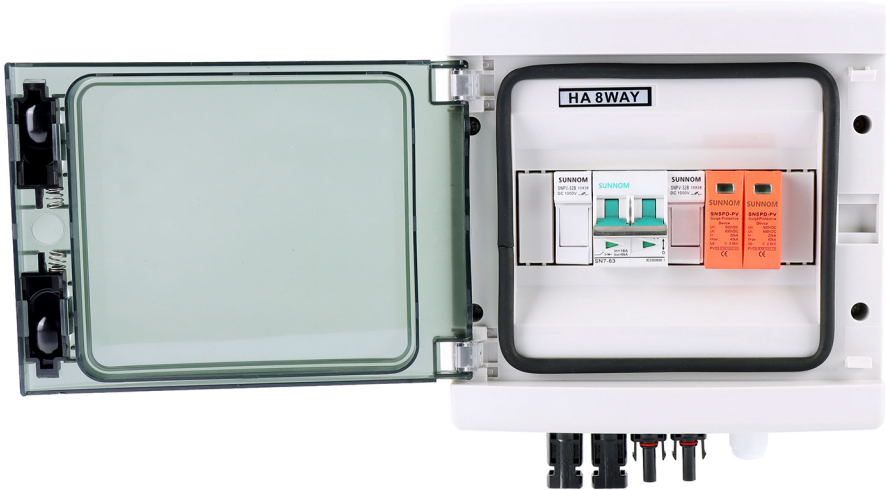


Solar Combiner Box
SNDB-PV1/1 (500V)



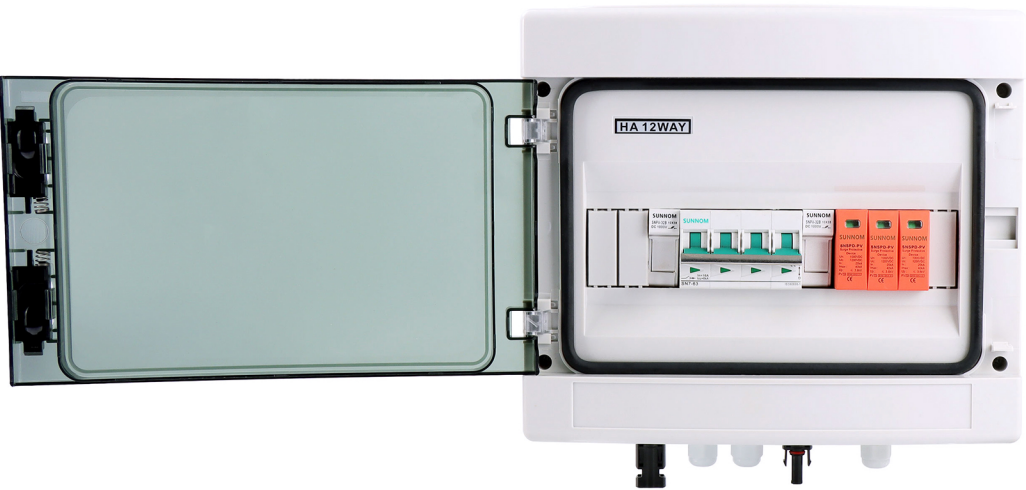
General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV1/1 (500V)	Rated Insulation Voltage	500v
Include	2 Pcs Fuse + 2p 500v MCB +2p 500v SPD + SNHA Distribution Box+M4+Cable Gland+	Rated Current	16A
	Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	1 strings	Poles	2P
Output	1 strings		
Maximum Voltage	500V		
Maximum Current Input	16A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG13.5 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV1/1 (1000V)



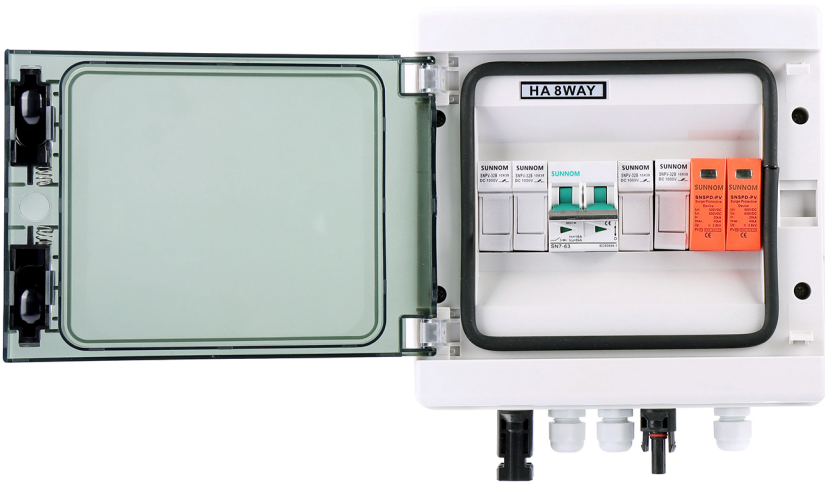
General Data		Dc Circuit Breaker	XL7-63
Model No.	WSDB-PV1/1 (1000V)	Rated Insulation Voltage	1000v
Include	2 Pcs Fuse + 4p 1000v MCB +3p 1000v SPD + SNHA Distribution box+MC4++Cable Gland+	Rated Current	16A
	Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	1 strings	Poles	4P
Output	1 strings		
Maximum Voltage	1000V		
Maximum Current Input	16A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	250*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG13.5 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV2/1 (500V)



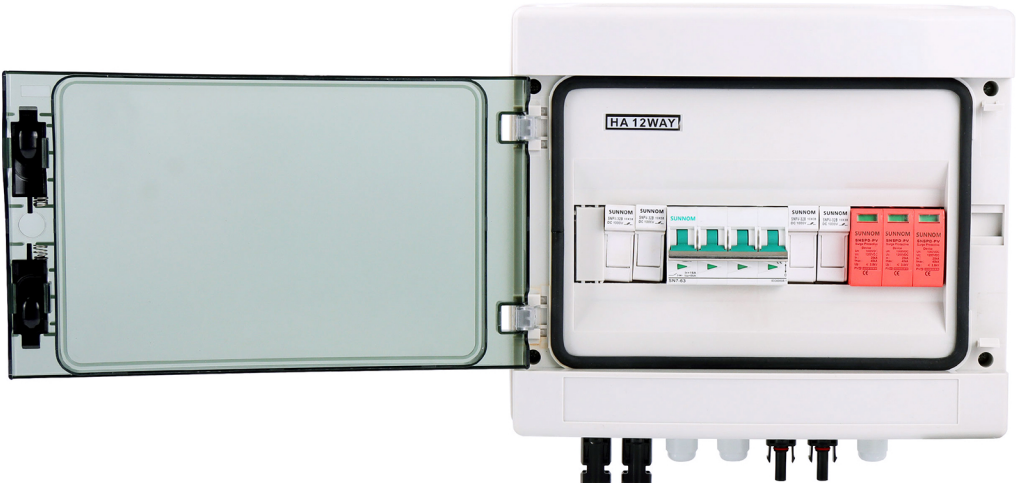
General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV2/1 (500V)	Rated Insulation Voltage	500v
Include	Fuse + 2p 500v MCB +2p 500v SPD + SNHA Distribution box+MC4+Cable Gland+	Rated Current	32A
	Wiring	Standard Compliance with	LEC60947-2
		Certification	CE
Input	2 strings	Poles	2P
Output	1 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	195*150*90		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV2/1 (1000V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV2/1 (1000V)	Rated Insulation Voltage	1000v
Include	Fuse + 4p 1000v MCB +3p 1000v SPD + SNHA Distribution box+MC4+Cable Gland+	Rated Current	32A
	Wiring	Standard Compliance with	LEC60947-2
		Certification	CE
Input	2 strings	Poles	4P
Output	1 strings		
Maximum Voltage	1000V		
Maximum Current Input	15A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	250*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		



Solar Combiner Box

SNDB-PV2/2 (500V)



General Data			
Model No.	SNDB-PV2/2 (500V)	Rated Insulation Voltage	500v
Include	4 Pcs Fuse + 2 Pcs 2p 500v MCB +2 Pcs 2p 500v SPD +SNHA Distribution box+MC4+ Cable Gland+Wiring	Rated Current	16A
		Standard Compliance with	LEC60947-2
		Certification	CE
Input	2 strings	Poles	2P
Output	2 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	250*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
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 condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		

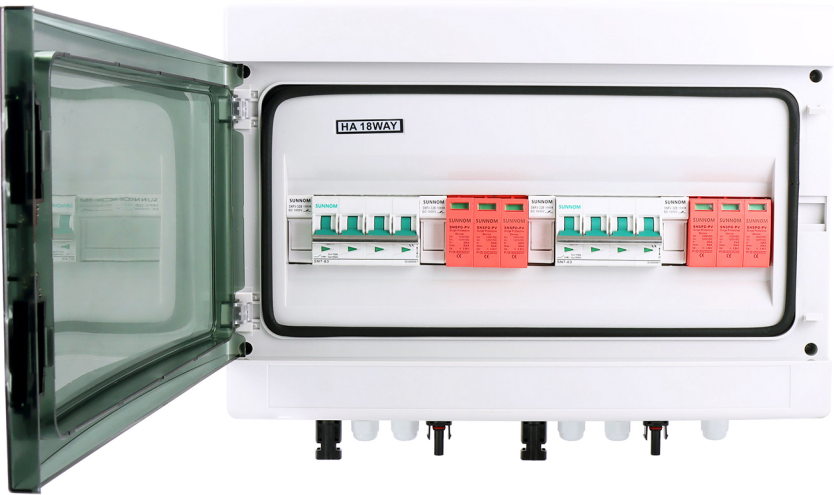


Solar Combiner Box

SNDB-PV2/2(1000V)



General Data			
Model No.	SNDB-PV2/2(1000V)	Rated Insulation Voltage	1000v
Include	4 Pcs Fuse + 2 Pcs 4p 1000v MCB +2 Pcs 3p 1000v SPD +SNHA Distribution box+MC4+ Cable Gland+Wiring	Rated Current	16A
		Standard Compliance with	LEC60947-2
		Certification	CE
Input	2 strings	Poles	4P
Output	2 strings		
Maximum Voltage	1000V		
Maximum Current Input	15A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	360*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
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 condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV3/1 (500V)



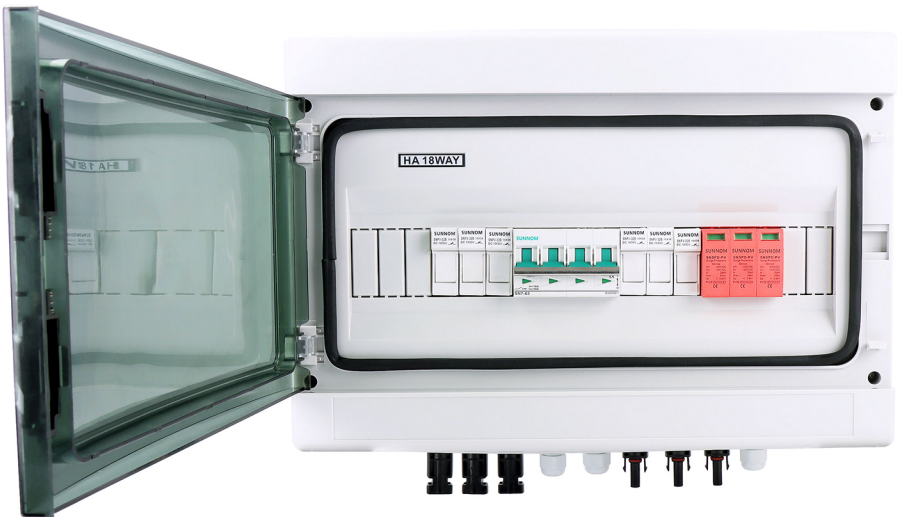
General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/1 (500V)	Rated Insulation Voltage	500v
Include	6 Pcs Fuse + 2p 500v MCB + 2p 500v SPD + SNHA Distribution box+MC4+Cable Gland+	Rated Current	50A
	Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	3 strings	Poles	2P
Output	1 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	250*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV3/1 (1000V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/1 (1000V)	Rated Insulation Voltage	1000v
Include	6 Pcs Fuse + 4p 1000v MCB +3p 1000v SPD + SNHA Distribution box+MC4+Cable Gland+	Rated Current	50A
	Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	1 strings	Poles	4P
Output	1 strings		
Maximum Voltage	1000V		
Maximum Current Input	16A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	360*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV3/3 (500V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/3 (500V)	Rated Insulation Voltage	500v
Include	6 Pcs Fuse + 3 Pcs 2p 500v MCB + 3 Pcs 2p 500v SPD +SHA Distribution box+MC4+	Rated Current	16A
	Cable Gland+Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	3 strings	Poles	2P
Output	1 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	360*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV3/3 (1000V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/3 (1000V)	Rated Insulation Voltage	1000v
Include	6 Pcs Fuse + 3 Pcs 4p 1000v MCB +3 Pcs 3p 1000v SPD SNHA Distribution box+MC4+	Rated Current	16A
	Cable Gland+Wiring	Standard Compliance with	IEC60947-2
		Certification	CE
Input	3 strings	Poles	4P
Output	1 strings		
Maximum Voltage	1000V		
Maximum Current Input	15A		
Maximum Current Output	63A		
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
Dimension (WxHxD)	295*416*140		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		





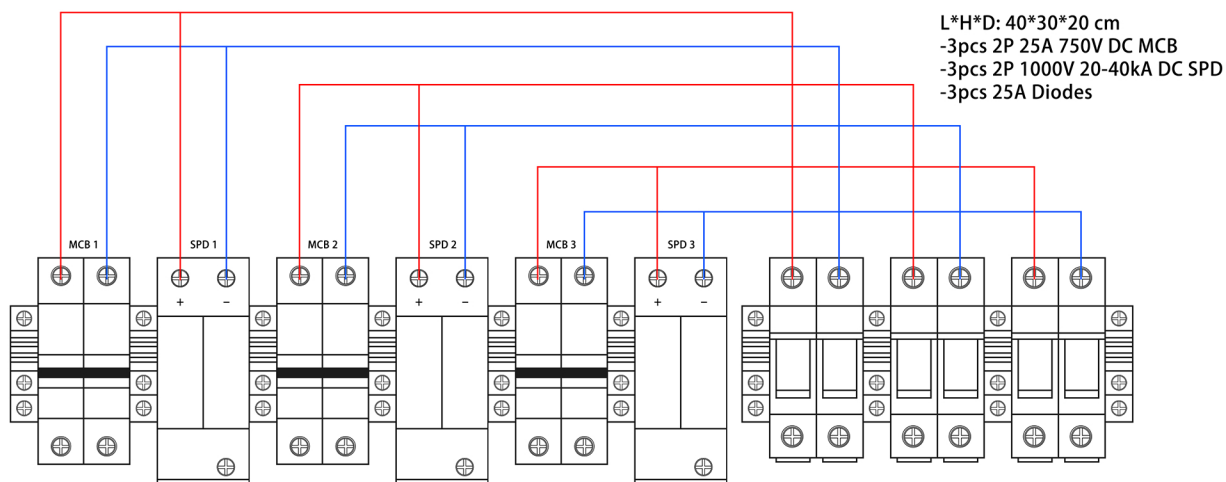
Solar Combiner Box

SNDB-PV3/3 (750V)

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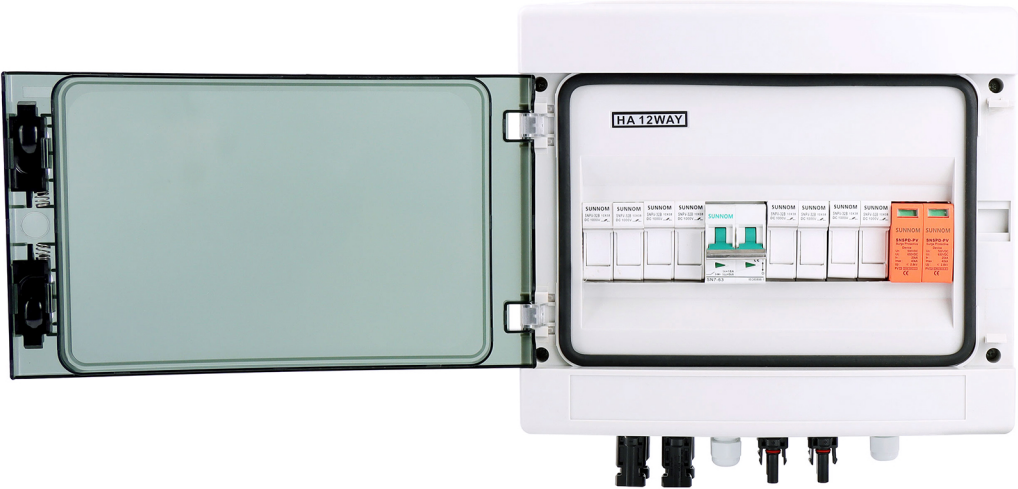
General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/3 (750V)	Rated operational Voltage (Ue)	750v
Include	3 Pcs 2p 750v MCB + 3 Pcs 2p 1000v SPD +	Rated Current	25A
	Diodes+MC4+Cable Gland	Standard Compliance with	IEC60947-2
Input	3 strings	Certification	CE
Output	3 strings	Poles	2P
Maximum Voltage	750V	Environment	
Maximum Current Input	25A	Operating Temperature	-25°C~+55°C
Maximum Current Output	25A	Humidity	0-95%,no condensation
Enclosure	Metal box		Mechanical parameter
Material Type	powder coated 201 stainless steel	Altitude	2000M
Degree of Protection	IP66	Installation	Wall Mounting
Degree of Resistance to Impacts	IK10	Solar Connector	
Dimension (WxHxD)	40*30*20mm	Rated Voltage	1000V DC
Cable input Entry	MC4 2.5-6mm2	Test Voltage	6000V(50Hz1min)
Output Cable Gland	PG21 2.5-16mm2	Overvoltage Type/Pollution Degree	CAT II /2
Certification	CE	Contact Resistance Of Plug Connector	Im2Ω
DC Surge Arrester	SNSPD-PV	Contact Material	Copper, Tin-plated
Max Operation Voltage(Ucpv)	1000v	Insulation Material	PPO/PC
Standard Compliance with	EN61643-3	Degree Of Protection	IP2X/IP67
Nominal discharge current	20kA	Flame Class	UL94-VO
Maximum discharge current	40kA	Safety Class	II
Voltage protection level	2.8kV	Suitable Cable	OD 4.5-8.5(2.5-6.0mm²)
Poles	2P	Insertion Force/Withdrawal Force	≤50N/≥250N
Certification	TUV CE	Connecting System	Crimp connection
		Temperature Range	-40°C~+125°C
MDK25A solar dedicated photovoltaic anti reflection diode			
I _{F(AV)}	25A	V _{FM}	1.10V
I _{F(RMS)}	41A	R _{th(j-c)}	1.300°C/W
MAX V _{R_{RRM}}	2500V	R _{th(c-h)}	0.2°C/W
I _{RRM}	8mA	V _{iso}	2500V
I _{FSM}	0.65KA	F _M	4N-m
I²t	2.1A²S*10³	T _{st q}	6N-m
V _{Fo}	0.80V	W _t	-40°C~125°C
r _F	9.80mΩ	Outline	115g



Solar Combiner Box
SNDB-PV4/1 (500V)



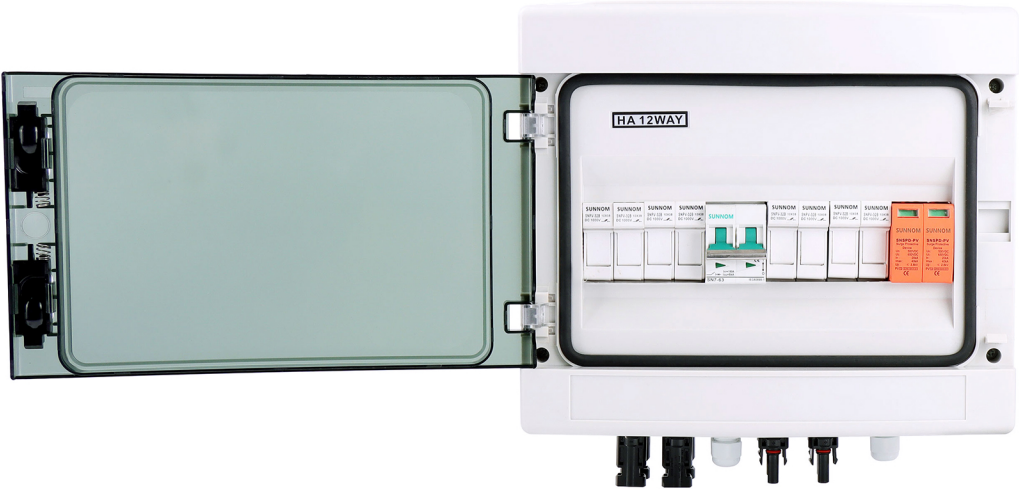
General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/3 (500V)	Rated Insulation Voltage (Ui)	500v
Include	8 Pcs Fuse + 2p 500v MCB + 2p 500v SPD +	Rated Current (Ie)	63A
	WSHA Distribution box+mc4+Cable Gland+	Standard Compliance with	LEC60947-2
	Wiring	Certification	CE
Input	4 strings	Poles	2P
Output	1 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure	SNHA-12 WAY	DC fuse holder	SNPV-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
Dimension (WxHxD)	250*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester	SNSPD-PV	Environment	
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV4/1 (1000V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV3/3 (1000V)	Rated operational Voltage (Ue)	1000v
Include	8 Pcs Fuse + 4p 1000v MCB +3p 1000v SPD +	Rated Current	63A
	SNHA Distribution box+MC4+Cable Gland+	Standard Compliance with	IEC60947-2
Input	Wiring	Certification	CE
	4 strings	Poles	4P
Output	1 strings		
Maximum Voltage	1000V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure	SNHA-18 WAY	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
Dimension (WxHxD)	360*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester	SNSPD-PV	Environment	
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV4/2 (500V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV2/2 (500V)	Rated Insulation Voltage	500v
Include	8 Pcs Fuse + 2 Pcs 2p 500v MCB +2 Pcs 2p	Rated Current (	32A
	500v SPD +WSHA Distribution box+MC4+	Standard Compliance with	LEC60947-2
	Cable Gland+Wiring	Certification	CE
Input	4 strings	Poles	2P
Output	2 strings		
Maximum Voltage	500V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	360*195*110		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	500v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	2.8KV	Installation	Wall Mounting
Poles	2P		
Certification	TUV CE		



Solar Combiner Box
SNDB-PV4/2 (1000V)



General Data		Dc Circuit Breaker	XL7-63
Model No.	SNDB-PV2/2 (1000V)	Rated Insulation Voltage	1000v
Include	8 Pcs Fuse + 2 Pcs 4p 1000v MCB+2 Pcs	Rated Current	32A
	3p 1000v SPD +WSHA Distribution box+	Standard Compliance with	IEC60947-2
	MC4+Cable Gland+Wiring	Certification	CE
Input	4 strings	Poles	4P
Output	2 strings		
Maximum Voltage	1000V		
Maximum Current Input	15A		
Maximum Current Output	63A		
Enclosure		DC fuse holder	SNPV-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
Dimension (WxHxD)	295*416*140		
Cable input Entry	MC4 2.5-6mm2		
Output Cable Gland	PG21 2.5-16mm2		
Certification	CE		
DC Surge Arrester		SNSPD-PV	Environment
Max Operation Voltage(Ucpv)	1000v	Operating Temperature	-25°C~+55°C
Standard Compliance with	EN61643-3	Humidity	0-95%,no condensation
Nominal discharge current	20kA		Mechanical parameter
Maximum discharge current	40kA	Altitude	2000M
Voltage protection level	3.8kV	Installation	Wall Mounting
Poles	3P		
Certification	TUV CE		

