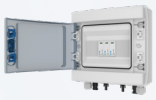
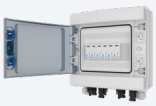
xComfort IKA SOLAR
Prewired PV boards for quick installation

Photovoltaic DC string boxes

- For inverters with 1 or 2 MPP tracker
- Degree of protection: IP65
- Protection class II, totally insulated
- Factory assembled by Eaton, ready to connect
- Direct mounting option on the wall
- Body color: RAL 7035 (grey), with transparent door
- Tested according to IEC 61439-2 Annex DD (PVA)

	Description	Type designation	Art. no.	PAK
Photovoltaic string box with DC string circuit-breaker & DC surge arrester				
	PV string: 1xIN + 1xOUT Rated current InA = 1x 19.5 A Rated operational voltage Ue = 900 V DC Surge protection class: Type 2 For indoor installation Box with cable glands (direct connection to devices) Box with MC4 connectors	IKA-SOL20-X11-PKZ-T2-1/8-VM-A IKA-SOL20-X11-PKZ-T2-1/8-MC4-A	EP-501983 EP-501984	1 1
	PV string: 2xIN + 2xOUT Rated current InA = 2x 20 A Rated operational voltage Ue = 900 V DC Surge protection class: Type 2 For indoor installation Box with cable glands (direct connection to devices) Box with MC4 connectors	IKA-SOL20-X22-PKZ-T2-1/18-VM-A IKA-SOL20-X22-PKZ-T2-1/18-MC4-A	EP-501985 EP-501986	1 1
Photovoltaic string box with DC surge arrester				
	PV string: 1xIN + 1xOUT Rated current InA = 1x 19.5 A Rated operational voltage Ue = 1000 V DC Connector type: MC4 For outdoor installation without solar radiation Box with surge protection class: Type 2 Box with surge protection class: Type 1+2	IKA-SOL20-X11-T2-1/8-MC4-B IKA-SOL20-X11-T12-1/8-MC4-B	EP-501987 EP-501988	1 1
	PV string: 2xIN + 2xOUT Rated current InA = 2x 19.5 A Rated operational voltage Ue = 1000 V DC Connector type: MC4 For outdoor installation without solar radiation Box with surge protection class: Type 2 Box with surge protection class: Type 1+2	IKA-SOL20-X22-T2-1/8-MC4-B IKA-SOL20-X22-T12-1/8-MC4-B	EP-501989 EP-501990	1 1
Accessories & replacement parts				
	Lock insert with 2 keys, keyed alike	LOCK-KIT-IKA	174166	1
	Locking bolt, insulating material, sealable	BOLT-IKA	174178	20
	Hinge made of insulating material	HINGE-IKA	174186	20
	Lock consisting of locking unit and logo clip	ETN-IKA	174185	10
	Cap to cover the wall mounting holes	HCAP-IKA	174167	20
	Transparent door, 8 MU, incl. locking Transparent door, 18 MU, incl. locking	DOOR-1/8-T-IKA DOOR-1/18-T-IKA	174181 174224	1 1
	Mounting-rail Compatible with 86 mm high devices SPPV...T12...	TS-1/8-T12-IKA	EP-501991	1
	Set of MC4 connectors,1 x female + 1 x male	MC4-ENCL-SET	EP-501992	1
	Metric cable glands with lock nut and integrated strain relief, grey M20 cable entry	V-M20	206910	20
	Blanking-strip, grey, fine-ribbed, 12 MU	BS-12MF-GY	178980	20
	Replacement insert +/- for surge arrester SPPVRT12-10-2+PE	SPPVRT12-10-INSERT	EP-501958	1
	Replacement insert PE for surge arrester SPPVRT12-10-2+PE	SPPVRT12-10-INSERT-PE	EP-501959	1
	Replacement insert +/- und PE for surge arrester SPPVRT2-10-2+PE	SPPVRT2-10-INSERT	EP-501968	1
	Triangular key 8 mm	NWS-SL/3K/8	255313	1

Powering Business Worldwide

DC SPDs for photovoltaic systems

	U_{CPV} (Voltage per MPPT)	Test class	Type designation	Art. no.	Units per package (Pcs.)
Test class 1 and 2 combined SPD for DC applications					
	**-AX type with integrated auxiliary contact**				
	600 V	T12	SPPVRT12-06-2+PE	EP-501952	1
	600 V	T12	SPPVRT12-06-2+PE-AX	EP-501953	1
	Replacement inserts for SPPVRT12-06-2+PE(-AX)				
	(+) / (-) / PE		SPPVRT12-06-INSERT	EP-501954	1
	**-AX type with integrated auxiliary contact**				
	1000 V	T12	SPPVRT12-10-2+PE	EP-501955	1
	1000 V	T12	SPPVRT12-10-2+PE-AX	EP-501956	1
	1000 V	T12	SPPVRET12-10-2+PE	EP-502585	1
	1000 V	T12	SPPVRET12-10-2+PE-AX	EP-502586	1
	Replacement inserts for SPPVRT12-10-2+PE(-AX)				
	(+) / (-)		SPPVRT12-10-INSERT	EP-501958	1
	PE		SPPVRT12-10-INSERT-PE	EP-501959	1
	**AX type with integrated auxiliary contact**				
	1500 V	T12	SPPVRT12-15-2+PE	EP-501960	1
	1500 V	T12	SPPVRT12-15-2+PE-AX	EP-501961	1
	Replacement inserts for SPPVRT12-15-2+PE(-AX)				
	(+) / (-) / PE		SPPVRT12-15-L-INSERT	EP-501964	1
Test class 1 and 2 combined 2 MPPT SPD for DC applications					
	**-AX type with integrated auxiliary contact**				
	1100 V	T12	SPPVRT12-10-4+PE+AX	EP-501957	1
	Replacement inserts for SPPVRT12-10-4+PE+AX				
	(+) / (-)		SPPVRT12-10-4-INSERT	EP-501962	1
	PE		SPPVRT12-10-4-PE-INSERT	EP-501963	1
	(+) / (-)		SPPVRET12-10-2-INSERT	EP-502587	1
Test class 2 SPD for DC applications					
	**-AX type with integrated auxiliary contact**				
	600 V	T2	SPPVRT2-600-2+PE	EP-501972	1
	600 V	T2	SPPVRT2-600-2+PE-AX	EP-501973	1
	Replacement inserts for SPPVRT2-600-2-PE(-AX)				
	(+) / (-) / PE		SPPVRT2-06-INSERT	EP-501965	1
	**-AX type with integrated auxiliary contact**				
	1000 V	T2	SPPVRT2-10-2+PE	EP-501966	1
	1000 V	T2	SPPVRT2-10-2+PE-AX	EP-501967	1
	Replacement inserts for SPPVRT12-10-2+PE(-AX)				
	(+) / (-) / PE		SPPVRT2-10-INSERT	EP-501968	1
	**-AX type with integrated auxiliary contact**				
	1500 V	T2	SPPVRT2-15-2+PE	EP-501969	1
	1500 V	T2	SPPVRT2-15-2+PE-AX	EP-501970	1
	Replacement inserts for SPPVRT12-10-2+PE(-AX)				
	(+) / (-) / PE		SPPVRT2-15-INSERT	EP-501971	1

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