

CONNECTING WIND & SOLAR

Prysmian's Offerings on Accessories
for Renewable Energy



PRYSMIAN'S PRODUCT RANGE

- ①

HV SEPARABLE CONNECTORS
- ②

HV JOINTS
- ③

HV INDOOR TERMINATIONS
- ④

HV OUTDOOR TERMINATIONS
- ⑤

MV INDOOR TERMINATIONS
- ⑥

MV OUTDOOR TERMINATIONS
- ⑦

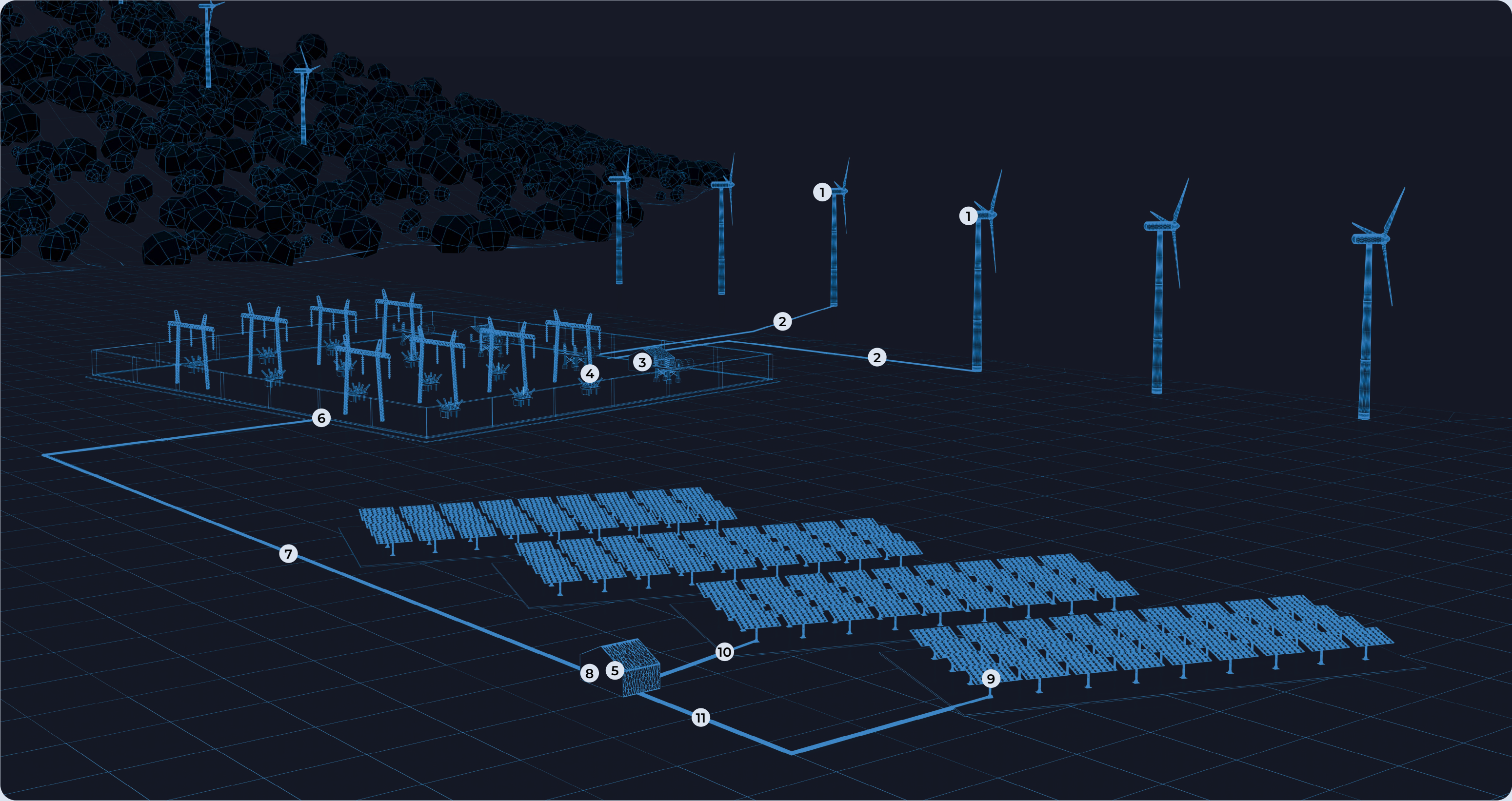
MV JOINTS
- ⑧

MV SEPARABLE CONNECTORS
- ⑨

LV SEPARABLE CONNECTORS
- ⑩

LV CLEATS AND GLANDS
- ⑪

LV JOINTS



PRODUCT MAPPING

JOINTS

Product	Standard	Conductor cross section	Conductor material	Rated voltage (Umax)	Approximate weight	Installation conditions	Installation temperature	Ambient operating temperature
Click-Fit 	IEC-60840 IEEE Std.404 NEN-HD632	150 mm² - 1600 mm²	Cu / Al	Up to 72.5 kV (renewable applications)	23 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -60 °C / max +50 °C
"Speed" line 	IEC-60840 IEEE Std.404	400 mm² - 2000 mm²	Cu / Al	Up to 150 kV	12 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -40 °C / max +40 °C
Elaspeed Coldshrink 	HD629.1 S3 IEEE Std.404	25 mm² - 1200 mm² stranded or solid	Cu / Al	Up to 19/33 (36) kV Up to 35 kV IEEE	<20 Kg	No special tools or heating required for installation	min 0 °C / max 50 °C	min -5 °C / max +55 °C
Heatshrink 	IEC 60502-4 GB/T 12706.4 IEEE std. 404	25 mm² - 630 mm²	Cu / Al	Up to 19/33 (36) kV	0.5 – 4 kg	Weathering stability, high mechanical strength	min 0 °C / max 40 °C humidity<70%	min -30 °C / max +90 °C

SEPARABLE CONNECTORS

Product	Standard	Conductor cross section	Conductor material	Rated voltage (Umax)	Approximate weight	Installation conditions	Installation temperature	Ambient operating temperature
Click-Fit 	IEC-60840 Std.48 NEN-HD632	150 mm² - 1200 mm²	Cu / Al	Up to 72.5 kV (renewable applications)	40 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -60 °C / max +50 °C
Pry-Tee 	IEC-60840	70 mm² - 1600 mm²	Cu / Al	Up to 72 kV	15~18 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -60 °C / max +50 °C
Elascon 	EN50180 / EN50181	25 mm² - 1200 mm² stranded, solid or Cu class 5	Cu / Al	Up to 19/33 (36) kV	<10 kg	It does not require any special tools nor heating during the installation	min 0 °C / max 50 °C	-
Formfit Deadbreak 	IEEE 386	1/0 AWG – 1500 kcm	Cu / Al	Up to 35 kV IEEE	<10 kg	It does not require any special tools nor heating during the installation	min 0 °C / max 50 °C	-

PRODUCT MAPPING

SEPARABLE CONNECTORS

Product	Standard	Conductor cross section	Conductor material	Rated voltage (Umax)	Approximate weight	Installation conditions	Installation temperature	Ambient operating temperature
Solar TECPLUG PMC-4 Sun 	EN 62852:2015	1.5 mm² - 16 mm²	Cu / Al	Up to 1.5 kV DC	<2 kg	Watertight solution fit for offshore installations	min 0 °C / max 40 °C	-

TERMINATIONS

Product	Standard	Conductor cross section	Conductor material	Rated voltage (Umax)	Approximate weight	Installation conditions	Installation temperature	Ambient operating temperature
Heatshrink 	IEC 60502-4 GB/T 12706.4	25 mm² - 630 mm²	Cu / Al	Up to 19/33 (36) kV	0.5 – 4 kg	Good sealing performance due to heat melt coating inside the breakout and heat shrink tube	min 0 °C / max 40 °C humidity<70%	min -30 °C / max +90 °C
Click-Fit 	IEC-60840 Std.48 NEN-HD632	150 mm² - 2500 mm²	Cu / Al	Up to 72.5 kV (renewable applications)	60 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -60 °C / max +50 °C
Coldfit slip-on 	IEC 60840 IEEE Std.48	150 mm² - 2000 mm²	Cu / Al	Up to 72.5 kV	10 kg	Protected against rain and dust installed in very heavy environmental conditions	min 0 °C / max 40 °C	min -60 °C / max +50 °C
Pry-Plug 	IEC-60840 IEC-60859	150 mm² - 2000 mm²	Cu / Al	Up to 145 kV	45 kg	Protected against rain and dust	min 0 °C / max 40 °C	min -60 °C / max +50 °C
Elasticfit slip-on modular 	HD629.1 S1	25 mm² - 1200 mm² stranded or solid	Cu / Al	Up to 19/33 (36) kV	<10 kg	It does not require any special tools nor heating during the installation	min 0 °C / max 40 °C	min 0 °C / max +50 °C
Coldfit pre-expanded 	HD629.1 S2 IEEE 48	25 mm² - 630 mm² stranded or solid	Cu / Al	Up to 19/33 (36) kV Up to IEEE 35 kV	<10 kg	It does not require any special tools nor heating during the installation	min 0 °C / max 40 °C	min 0 °C / max +50 °C
Slip-on SFT 	HD629.1 S3 IEC 60502-4	25 mm² - 630 mm²	Cu / Al	Up to 19/33(36) kV	<10 kg	It does not require any special tools nor heating during the installation	min 0 °C / max 40 °C	min 0 °C / max +50 °C



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