



950530



900070



920300



920244



929121



929 221



**Photovoltaic surge protection devices (SPD)**

Due to their location, solar panels and the inverters they are connected to are exposed to and particularly prone to direct or indirect lightning strikes. As PV systems are directly connected to electrical networks of buildings, surge protection is essential.

type	max. PV voltage (Ucpv)	(8/20 μs) DC+/DC- (Imax)	(10/350 μs) DC+/DC- (Iimp)	voltage protection (Up)	poles	config.	width in 18 mm
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**DEHNGuard Type 2 PV (SPD) with SCI (non-plug-in modules)**

- Short circuit interruption (SCI) technology for maximum safety in PV systems

<b>950530</b>	1000 V	25 kA	–	≤ 4 kV	3	DC+/DC-	3
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**DEHNGuard Type 2+3 PV (SPD) with SCI**

- Plug-in cartridges for easy replacement
- Safe replacement of protection modules without arc formation due to integrated DC fuses

<b>952516</b>	≤ 600 V	25 kA	–	≤ 2.5 kV	3	DC+/DC-	3
<b>952515*</b>	≤ 1000 V	25 kA	–	≤ 4 kV	3	DC+/DC-	3
<b>952520</b>	≤ 1500V	12.5 kA	–	< 6 kV	3	DC+/DC-	4.5

**DEHNCombo Type 1+2 PV (SPD) without SCI (non-plug-in modules)**

- Combined lightning current and surge arrester for use in Photovoltaic systems

<b>900070</b>	≤ 1200V	20 kA	6.5 kA	< 3.8 kV	2	DC+/DC-	4
<b>900075*</b>	≤ 1200V	20 kA	6.5 kA	< 3.8 kV	2	DC+/DC-	4
<b>900071</b>	≤ 1500V	20 kA	6.5 kA	< 4.5 kV	2	DC+/DC-	4
<b>900076*</b>	≤ 1500V	20 kA	6.5 kA	< 4.5 kV	2	DC+/DC-	4

\* With signalling contacts for remote indication/monitoring of devices

**Surge protection devices for data networks**

type	nominal voltage (Un)	voltage line-line (Up)	(8/20 μs) per line (In)	(10/350 μs) per line (Iimp)	poles	config.	width (mm)
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**BLITZDUCTOR** surge arresters are pluggable multipole DIN rail mounting arresters. Universally used for protecting Data networks, control/measuring circuits, bus or telecom systems.

- Permits easy replacement of modules (no signal interruption when protection module removed)
- Universal surge arrester for two-pole, three-pole or four-pole interfaces

**920300** DIN rail mount socket to receive various protection modules for data networks

**BLITZDUCTOR XT – Protection Modules**

**Type 2 P1 surge protection device** high degree of protection for one pair

- For installation in conformity with lightning protection zone concept from 0B -2 and higher

<b>926244</b>	24 V	≤ 55 V	10 kA	–	4	line-PG	12 mm
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**Type 1 P1 surge protection device** optimal protection of one pair and the cable shield

- For installation in conformity with lightning protection zone concept from 0A -2 and higher

<b>920244</b>	24 V	≤ 52 V	10 kA	2.5 kA	4	line-PG	12 mm
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**DEHNpatch for Ethernet applications**

Universal arrester for Industrial Ethernet, Power over Ethernet (PoE+ acc. to IEEE 802.3at to 57V) and similar applications in structured cabling systems according to class E up to 250 MHz.

<b>929121</b>	48 V	≤ 180 V	0.5 kA	0.5 kA	4	line-PG	19 mm
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**DEHNpatch outdoor type 2 (IP65)** UL, CSA

Complete surge protection unit to protect surveillance camera's, PoE ++ 4PPoE and other GBit Ethernet applications from damage due to surges. The IP65 rated enclosure permits safe to use outdoor

- Easy mounting: even at great heights (universal brackets for poles and wall mounting)
- Lightning current discharge capacity (10/350 μs)

<b>929221</b>	24 V	≤ 52 V	10 kA	2.5 kA	4	line-PG	12 mm
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