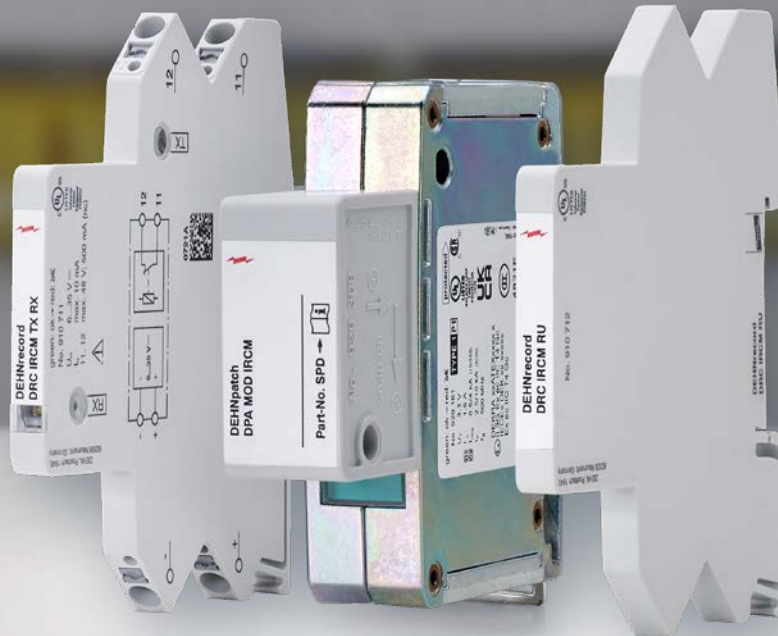


DEHNpatch

State-of-the-art protection for Ethernet infrastructure



The new DEHN patch combined lightning current and surge arrester now includes a status indication and the possibility of remote monitoring. It protects the latest generation of Ethernet applications and ensures a reliable flow of data even after a surge or a lightning strike.

Product features at a glance:

Convenient status check. A red status indicates that the product needs to be replaced, green means it is working fine.

Remote monitoring. DEHNpatch can be monitored from a distance in combination with optional accessories.

Effective protection. DEHNpatch protects Ethernet infrastructures up to 10 GBit/s and 4PPoE and thus provides effective surge protection for LAN.

Easy planning. Classification **Type 1** reduces complexity for planning and installation at the lightning protection zones 0_A - 2 and higher.

Slim design, smart technology.



1. **Ergonomic recess** for the convenient unlocking of the RJ45 patch connection
2. **Up to 10 GBit/s Ethernet** for a performance of up to Class E_A/500 MHz
3. **4P Power over Ethernet (4PPoE)** for power supply up to 90 W (PSE)
4. **Lightning current 4 kA (10/350 µs)** for universal use as a combined arrester
5. **Fully-shielded enclosure design** for all Ethernet applications
6. **Screw connection** for additional equipotential bonding
7. **Optional adapter and DRC IRCM remote signalling unit** for remote monitoring
8. **Earthing contact** for 35 mm DIN rails
9. **Status indication** for visual status recognition

One protecting, one monitoring.



DEHNrecord monitors DEHNpatch. In the event of a fault, an alarm is sent out enabling instant location and replacement of the faulty module. The new combined lightning current and surge arrester with

its optional module adapter and DEHNrecord IRCM remote signalling unit (910 710) fulfil all the requirements for remote monitoring. Another great example of intelligent protection solutions working in tandem.

Technical data

DPA CL8 EA 4PPOE

Part No.	929 161
SPD class	TYPE 1P2
Max. continuous operating voltage (d.c.) (U _C)	3.3 V
Max. continuous operating voltage (d.c.) pair-pair (PoE) (U _C)	58 V
Nominal current (I _N)	1.5 A
D1 Lightning impulse current (10/350 µs) per line (I _{imp})	4 kA
C2 Total nominal discharge current (8/20 µs) (I _n)	10 kA
Cut-off frequency	500 MHz
Transmission class	E _A
Status indication	yes
Arrester accessories for remote signalling, DPA MOD IRCM	yes
Optional remote monitoring	910 710

Optional accessories

The DEHNrecord DR IRCM condition monitoring unit (910 710) and the DPA MOD accessory (929 309) are needed to monitor the DEHNpatch remotely.

Technical support

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Technical changes, misprints and errors shall be subject to change without notice. Illustrations are not binding.

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Learn more about
DEHNpatch:
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