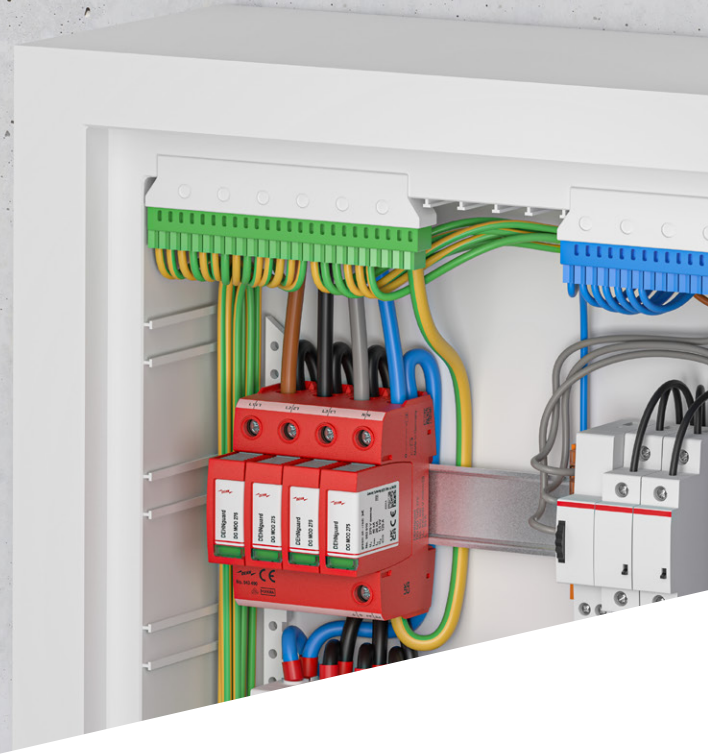


DEHNguard MD

Maximum flexibility
during installation



The DEHNguard MD series combines powerful type 2 + 3 surge protection with maximum flexibility during installation. The innovative double screw connection allows wiring of conductors of different sizes – both for stub wiring and feed-through wiring. The option of feed-through wiring saves space, simplifies planning and makes retrofitting in existing systems easier.

Your benefits at a glance:

→ **Broad scope of usage**

With variable connection options – one conductor up to 35 mm² or two conductors up to 16 mm² each – the DEHNguard MD series is the right solution for a wide range of applications.

→ **Efficient retrofitting**

The double screw connection replaces upstream terminal blocks and reduces material and labour costs during installation. The DEHNguard MD series can therefore be easily integrated into existing systems.

→ **Plenty of spare space**

The elimination of upstream components creates space for future ones and ensures more efficient and clearer cabling.

→ **Standard-compliant conductor lengths**

Thanks to the possibility of feed-through wiring, you can easily comply with conductor lengths as per DIN VDE 0100-543 / IEC 60364-5-53.

→ **Easy maintenance**

The pluggable modules can be replaced quickly and easily in the event of a fault. In addition, the floating remote signalling contact always provides reliable information about the status of the arrester.

One solution, a variety of options

The DEHNguard MD series offers reliable surge protection for sub-distribution boards, machine control cabinets and control systems in industrial plants, the process industry and railway applications. The surge arresters are also optimally tailored to modern automation systems and ensure a safe and stable power supply in functional and commercial buildings. Type 2 + 3 certification by DEKRA confirms the integrated protection of terminal equipment.



- 1 **Double-screw clamp** for cross-sectional areas up to 1x 35 mm² (stub wiring) or 2 x 16 mm² (feed-through wiring)
- 2 **Feed-through wiring** as per DIN VDE 0100-534 / IEC 60364-5-53
- 3 **Remote signalling contact (optional)** for easy remote monitoring
- 4 **Certification** according to DEKRA as type 2 + 3 with integrated protection of terminal equipment

DEHNguard	MD TNS 275	MD TNS 275 FM	MD TT 275	MD TT 275 FM
Part No.	943 400	943 405	943 310	943 315
Max. continuous operating voltage (U _c)	275 V	275 V	275 V	275 V
Nominal discharge current (I _n)	20 kA	20 kA	20 kA	20 kA
Max. discharge current (I _{max})	40 kA	40 kA	40 kA	40 kA
Max. mains-side overcurrent protection with feed-through wiring	63 A	63 A	63 A	63 A
Max. mains-side overcurrent protection with stub line	125 A	125 A	125 A	125 A
Cross-sectional area (min.)	1.5 mm ² solid / fine-stranded	1.5 mm ² solid / fine-stranded	1.5 mm ² solid / fine-stranded	1.5 mm ² solid / fine-stranded
Cross-sectional area (max.) with stub line	35 mm ² stranded / 25 mm ² fine-stranded	35 mm ² stranded / 25 mm ² fine-stranded	35 mm ² stranded / 25 mm ² fine-stranded	35 mm ² stranded / 25 mm ² fine-stranded
Cross-sectional area (max.) with feed-through wiring	16 mm ² stranded / fine-stranded	16 mm ² stranded / fine-stranded	16 mm ² stranded / fine-stranded	16 mm ² stranded / fine-stranded
Voltage protection level	≤ 1.5 kV	≤ 1.5 kV	≤ 1.5 kV	≤ 1.5 kV
Remote signalling contact	No	Yes, push-in	No	Yes, push-in

More product details and installation steps in the video:
<http://de.hn/aeP36>



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Learn more about DEHNguard MD:
<http://de.hn/7zYRT>

