



Lightning Protection
Surge Protection
Safety Equipment

DEHN + SÖHNE
GmbH + Co.KG.
Hans-Dehn-Str. 1
Postfach 1640
92306 Neumarkt
Germany

Tel. +49 9181 906-0
Fax +49 9181 906-100
www.dehn.de
info@dehn.de

For more information material
and services e.g.

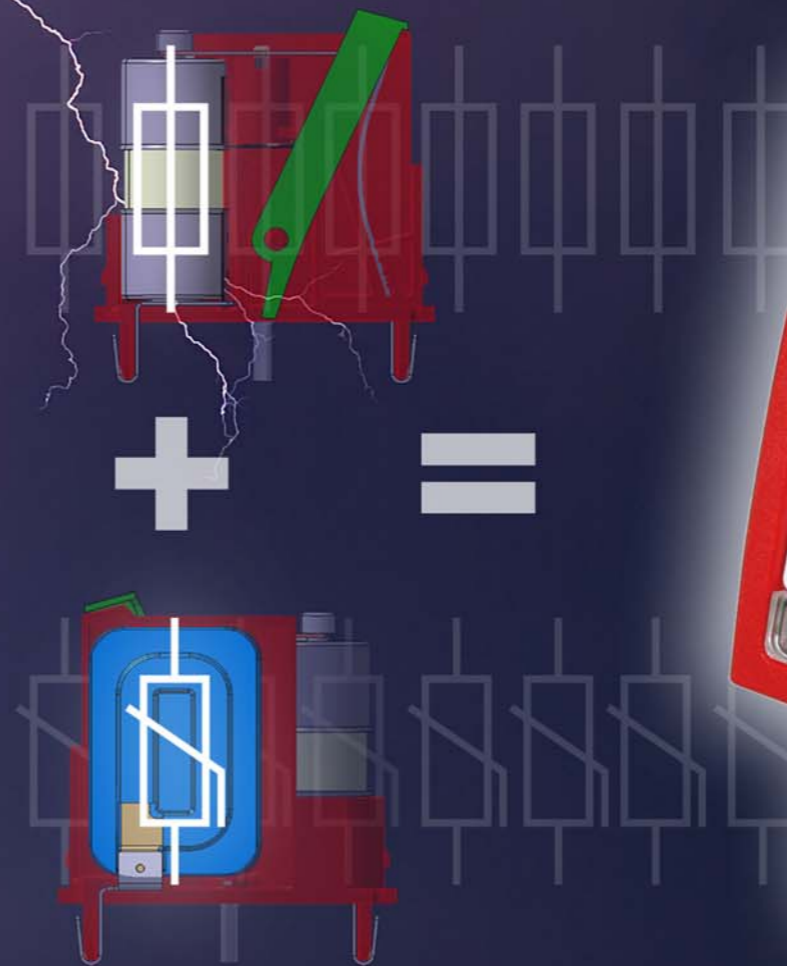
- Surge Protection
main catalogue
- Lightning Protection
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- Appointment with
our sales engineer

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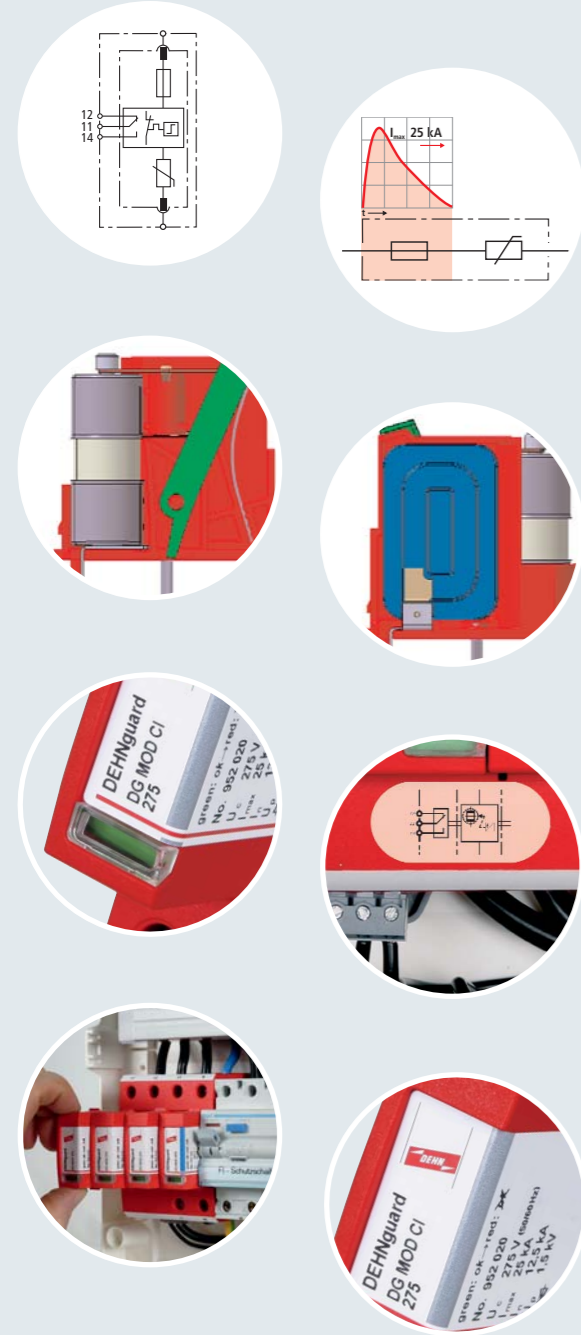


DEHNguard® M/S...CI Surge Arrester with integrated Backup Fuse.



DEHNguard® M/S ... CI

Modular type 2 arrester (SPD type 2) with integrated backup fuse



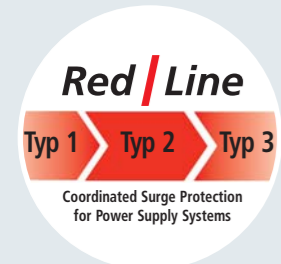
- Integration of backup fuse and surge protection in a single protection module of standard width (1 mod.)
- Impulse current carrying fuse is ideally adapted to the arrester

- Supervision of the backup fuse integrated in the protection module
- High discharge capacity due to heavy-duty zinc oxide varistors

- Mechanical status/fault indication for the integrated backup fuse and also for the "Thermo-Dynamic-Control" monitoring device
- Version with floating changeover contact for remote signalling

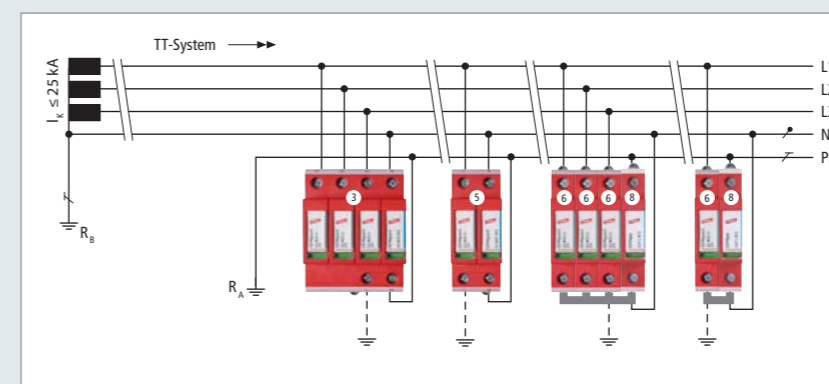
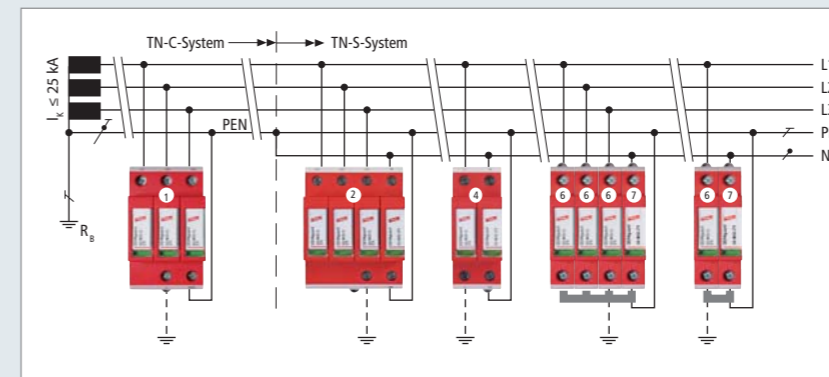
- Easy replacement of protection modules due to module release button
- Grey colour coding for easy visual identification

- Energy coordination within the Red/Line product family in accordance with IEC 62305-4



- No additional backup fuse required
- Reduced space requirements
- Less installation efforts
- Requirement for short connecting cables in acc. with IEC 60364-5-53 can be easily fulfilled

Wiring diagram parallel wiring / parallel connection



SPD acc. to EN 61643-11	Type 2
SPD acc. to IEC 61643-1	Class II
Max. continuous operating a.c. voltage U_c	275 V
Nominal discharge current (8/20) I_n	12.5 kA
Max. discharge current (8/20) I_{max}	25 kA
Voltage protection level U_p	≤ 1.5 kV
Voltage protection level for 5 kA U_p	≤ 1 kV
Response time t_A	≤ 25 ns
Max. mains-side overcurrent protection	not required
Short circuit withstand capability	25 kA _{rms}

Table: Technical data

Type	Version / system configuration	Part No.	(Part No. with FM*)
1 DG M TNC CI 275 (FM)	for TN-C (FM)	952 304	(952 309)
2 DG M TNS CI 275 (FM)	for TN-S (FM)	952 401	(952 406)
3 DG M TT CI 275 (FM)	for TT- and TN-S systems (FM)	952 322	(952 327)
4 DG M TN CI 275 (FM)	for single-phase TN systems (FM)	952 173	(952 178)
5 DG M TT 2P CI 275 (FM)	for single-phase TT- and TN systems (FM)	952 171	(952 176)
6 DG S CI 275 (FM)	single-pole (FM)	952 079	(952 099)
7 DG S 275 (FM)	single-pole (FM)	952 070	(952 090)
8 DGP C S (FM)	single-pole N-PE (FM)	952 030	(952 035)

(*) FM = remote signalling contact