



ESB 2 PA 415:

Mains connection box set for 3-phase 240 / 415V TN-(C-)S systems with IP65 enclosure.

Premounted with DEHNguard modular surge arrestors (part no. 952 405) with integrated remote signalling contact for monitoring system.

- Ready-to-install equipment for use acc. to the lightning protection zones concept as required in BSEN 62305-4
- Premounted with DEHNguard M ... surge arrester
- Quick and easy installation as premounted with SPD arrangements
- Maximum discharge capacity (I_{max} 40 kA) due to powerful zinc oxide varistors
- High reliability due to "Thermo Dynamic Control" monitoring device
- Allows for easy replacing of protection modules due to module releasing button
- Operating state/fault indication by mark in the inspection window
- Enclosure with transparent cover, degree of protection: IP 65

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SPD Features	:
SPD according to EN 61643-11	Type 2
SPD according to IEC 61643-1	Class II
Nominal a.c. voltage [U _N]	240 /415 V
Power supply system	TN-(C-)S system
Max. continuous operating a.c. voltage [U _C]	275 V
Nominal discharge current (8/20 μs) [I _n]	20 kA
Max. discharge current (8/20 μs) [I _{max}]	40 kA
Voltage protection level [U _p]	≤ 1.25 kV
Voltage protection level for 5 kA [U _p]	≤ 1 kV
Response time [t _A]	≤ 25 ns
Max. mains-side overcurrent protection	125 A gL/gG
Short circuit withstand capability for max. mains-side overcurrent protection	50 kA _{Rms}
Temporary overvoltage (TOV) [U _{TOV}]	335 V / 5 sec.
TOV characteristics	withstand
Operating state/Fault indication	green / red
Cross-sectional area (min.)	1.5 mm ² solid/flexible
Cross-sectional area (max.)	35 mm ² stranded/25 mm ² flexible
SPD material	red thermoplastic, UL 94 V-0
Type of remote signalling contact	changeover contact
Switching capacity a.c.	250 V/0.5 A
Switching capacity d.c.	250 V/0.1 A; 125 V/0.2 A; 75 V/0.5 A

Cross-sectional area for remote signalling terminals	max. 1.5 mm ² solid/flexible
MAINS CONNECTION BOX Features	:
Enclosure material	ABS with Polycarbonate lid
Degree of protection acc. to EN 60529	IP 65
Cover type	transparent cover
Colour of enclosure	grey
Number of cable entries	8 cable entries
Capacity	4 modules
Dimension	Height: 210 x Width: 125 x Depth 83mm

Change in form and technology, with masses, weights and materials we reserve ourselves in the sense of the progress of the technology. The illustrations are noncommittal.