



ESB 2 PF 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. 952 400) and Europa Components 3-pole circuit breaker type C63A 10kA (part no. EUC363C).

- 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
- 3-pole automatic circuit breaker type C63 A
- 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	resistance
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
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	10 cable entries
Capacity	9 modules
Dimension (W x H x D)	Height: 210 x Width: 215 x Depth: 100mm
FUSE Features	:
Rated current / Characteristics	circuit breaker C 63 A 10kA
Number of poles	3-pole

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.