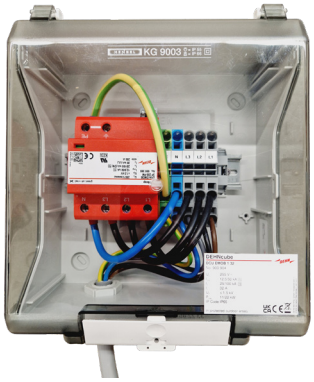
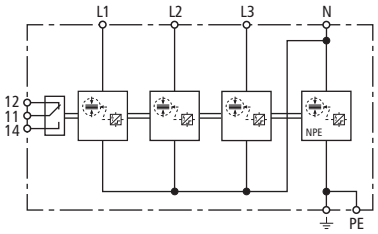
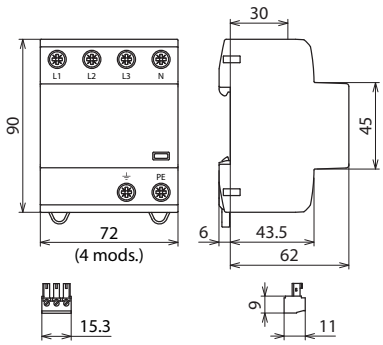
DCU EMOB 1 32 (900 904)





Basic circuit diagram



Dimension drawing

Junction box for e-mobility.
With combined arrester and push-in terminals for the output.

NEW

Type	DCU EMOB 1 32
Part No.	**900 904**
SPD according to EN 61643-11 / IEC 61643-11	type 1 + type 2 / class I + class II
Tested to	EN 61439-1 / ... IEC 61439-1 EN 61439-2 / ... IEC 61439-2
Energy coordination with terminal equipment (≤ 10 m)	type 1 + type 2 + type 3
Nominal voltage (a.c.) (U_N)	230 / 400 V (50 / 60 Hz)
Max. continuous operating voltage (a.c.) [L-N]/[N-PE] (U_C)	255 V (50 / 60 Hz)
Nominal alternating current (I_L)	32 A
Max. power	11 / 22 kW
Lightning impulse current (10/350 µs) [L-N]/[N-PE] (I_{imp})	12.5 / 50 kA
Specific energy [L-N]/[N-PE] (W/R)	39.06 kJ/ohms / 625.00 kJ/ohms
Nominal discharge current (8/20 µs) (I_n)	25 / 100 kA
Voltage protection level [L-N] (U_p)	≤ 1.5 kV
Voltage protection level [N-PE] (U_p)	≤ 1.5 kV
Follow current extinguishing capability [L-N]/[N-PE] (I_{fi})	25 kA_{rms} / 100 A_{rms}
Follow current limitation / Selectivity	no tripping of a 32 A gG fuse up to 25 kA_{rms} (prosp.)
Response time (t_A)	≤ 100 ns
Max. backup fuse (L) up to I_K ≤ 25 kA_{rms}	40 A gG
Temporary overvoltage (TOV) [L-N] (U_T) – Characteristic	440 V / 120 min. – withstand
Temporary overvoltage (TOV) [N-PE] (U_T) - Characteristic	1200 V / 200 ms – withstand
Operating temperature range [parallel]/[series] (T_U)	-40°C...+80°C
Operating state / fault indication	green / red
Number of ports	1
Cross-sectional area (L1, L2, L3, N, PE,) (min.)	0,5 mm²
Cross-sectional area (L1, L2, L3, N, PE,) (max.)	16 mm²
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 mm² solid / flexible
Place of installation	Installation in protected outdoor areas
Degree of protection	IP 65
Type	with pressure compensating element
Cover	Transparent cover with product label
Enclosure colour	grey
Input	Ölflex 5x 6 mm², length 1.5 m
Output	System-side connection with M25 screw connection
Enclosure dimensions (b x h x d)	217 x 253 x 115 mm

Masterdata	
Net weight	2.03 kg/pc(s)
GTIN	4013364506213
PU	1 pc(s)
Customs tariff number (Comb. Nomenclature EU)	85371098

We reserve the right to make changes to the design and technology, dimensions, weights and materials in the interests of technical progress. The illustrations are not binding.