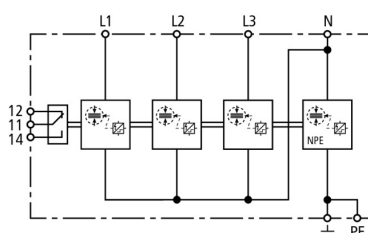


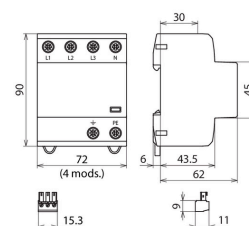
DCU EMOB 1 32 (900 904)



Figure without obligation



Basic circuit diagram DCU EMOB 1 32



Junction box for e-mobility.

With combined arrester and push-in terminals for the output.

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
Tested to	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_N)	32 A
Max. power	11 / 22 kW
Lightning impulse current (10/350 μ s) [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 μ s) (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_n)	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 $I_K \leq 25$ 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, \pm) (min.)	0,5 mm ²
Cross-sectional area (L1, L2, L3, N, PE, \pm) (max.)	16 mm ²
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
Place of installation	Installation in protected outdoor areas
Degree of protection	IP 65
Design	with pressure compensating element
Cover	Transparent cover with product label
Enclosure colour	grey
Input	Ölflex 5x 6 mm ² , length 1.5 m
Output	System-side connection with M25 screw connection
Enclosure dimensions: W x H x D	217 x 253 x 115 mm
Weight	1,97 kg
Customs tariff number (Comb. Nomenclature EU)	85371098
GTIN	4013364506213
PU	1 pc(s)

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.