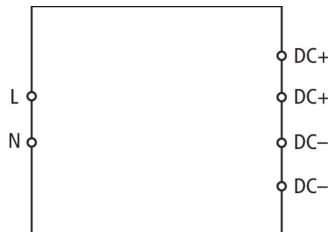


PSU DC24 30W (910 499)

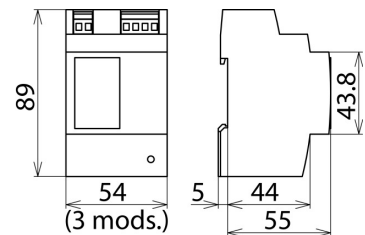
- Primary synchronised power supply unit
- For devices and installations of protection class II
- Self-cooling due to natural convection in case of horizontal installation
- Stepped profile, ideally suited for distribution boards



Figure without obligation



Basic circuit diagram PSU DC24 30W



Dimension drawing PSU DC24 30W

High-performance DIN rail mounted power supply unit with single-phase wide-range input can be connected to different supply systems. The operating state indicator on the front panel indicates whether the output voltage is present. Up to 10 DRC MCM XT or DRC SCM XT (single application) or up to 15 DRC MCM XT (multiple application) monitoring devices can be connected to a single power supply unit.

Type	PSU DC24 30W
Part No.	910 499
Nominal input voltage (U_e)	100-240 V a.c.
Input voltage range	85-264 V a.c.; 120-373 V d.c.
Input voltage derating	< 100 V a.c.: I_a max. 1 A
Frequency	44-66 Hz; 0 Hz
Input current (I_e)	0.7 A at 110 V a.c. / 0.5 A at 230 V a.c.
Discharge current	typ. 1 mA
Switch-on current	< 30 A, NTC
Mains buffering	> 10 ms at 110 V a.c. / > 80 ms at 230 V a.c.
Nominal output voltage (U_a)	24 V d.c. (SELV)
Output voltage range	22.8-26.4 V d.c., variable
Output current (I_a)	1.3 A at 24 V d.c., max. 0.9 A in any installation position
Presetting	24 V d.c.
Residual ripple	< 100 mVpp at 20 MHz
Current limitation	typ. $1.1 \times I_a$
Behaviour in case of overload	constant current
Operating state indication	green LED
Efficiency	typ. 82 %
Power loss (P_v)	2.6 W (230 V a.c. / open circuit), 7.0 W (230 V a.c. / nominal load)
Max. power loss (P_v)	typ. 7.3 W (100 V a.c. / 24 V, 1.3 A d.c.)
Integrated fuse	2 AT
Recommended backup fuse	circuit breaker 10 A, 16 A, characteristic B, C
Ambient temperature	-25 °C ... +55 °C
Degree of pollution	2 (according to EN 50178)
Climatic category	3K3 (according to EN 60721)
Enclosure	plastic, light grey
Protection class	prepared for protection class II
Degree of protection	IP20 according to EN 60529
Short-circuit-proof	yes
Open-circuit-proof	yes
Can be connected in parallel	yes
Can be connected in series	yes
Cross-sectional area (input / output)	0.08-2.5 mm ² / AWG 28 ... 12
Type of attachment	DIN rail mounting (EN 60715)
Dimensions (W x H x D)	54 x 89 x 59 mm
Weight	180 g
Standards / regulations	EN 60950, EN 61204-3, UL 60950, UL 508, GL
Weight	180 g
Customs tariff number (Comb. Nomenclature EU)	85044082
GTIN	4013364157149
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.