



TECHNICAL DATA

- Design : Power supplies are manufactured in accordance with the requirements set out in EN 61558-2000 norms
- Insulation class : T 40E - in the land-typ version N/3
T 45E - in the maritime version W/3
- Protection degree : IP 00
- Protection class : I
- Frequency : 50/60 Hz
- Primary voltage : from 100 up to 500 V $\pm 5\%$
- Secondary voltage : 24 V DC (standard)
- Ripple factor ($U_{\sim}/U_{=}$): 48 % without smoothing circuit
4 % with additional smoothing circuit
- Terminals : terminal blocks with nominal cross section from 1,5 mm² up to 10 mm²
- Fastening : quick-to-fasten clamps for mounting rail TS 35 according to EN 50022

DESCRIPTION

Single - phase DC supplies with Graetz's bridge rectifier are designed for users who need for their receivers an unstabilized DC voltage.
DC-supplies are equipped with a LED indicating the current state of the operation.
In standard design DC power supplies are prepared for mounting on mounting rail TS 35 conforming EN 50 022.
On request transformers can be supplied with two types of protection:
- against fault applied for rated secondary current up to 70 A.
- overload protection applied for rated secondary current up to 30 A

Type	U _{SEC} [V]	I _{SEC} [A]	L [mm]	B _{max} [mm]	H [mm]	Weight [kg]
EZ1_* - 0,050 TS 35	24	1,0	78	107	98	1,6
EZ1_* - 0,050 TS 35	24	1,5	78	107	98	1,9
EZ1_* - 0,075 TS 35	24	2,0	84	110	103	2,0
EZ1_* - 0,100 TS 35	24	2,5	84	110	103	2,4
EZ1_* - 0,100 TS 35	24	3,0	84	110	103	2,7

- * - for sea design W/3 letter "M" should be added
- for DC-supplies with additional smoothing circuit letter "W" should be added

Note:

- According to the technical development we have to reserve the right to modify our products accordingly
- Other designs of DC -supplies can be delivered after mutually settlement
- The table contains the production outline only