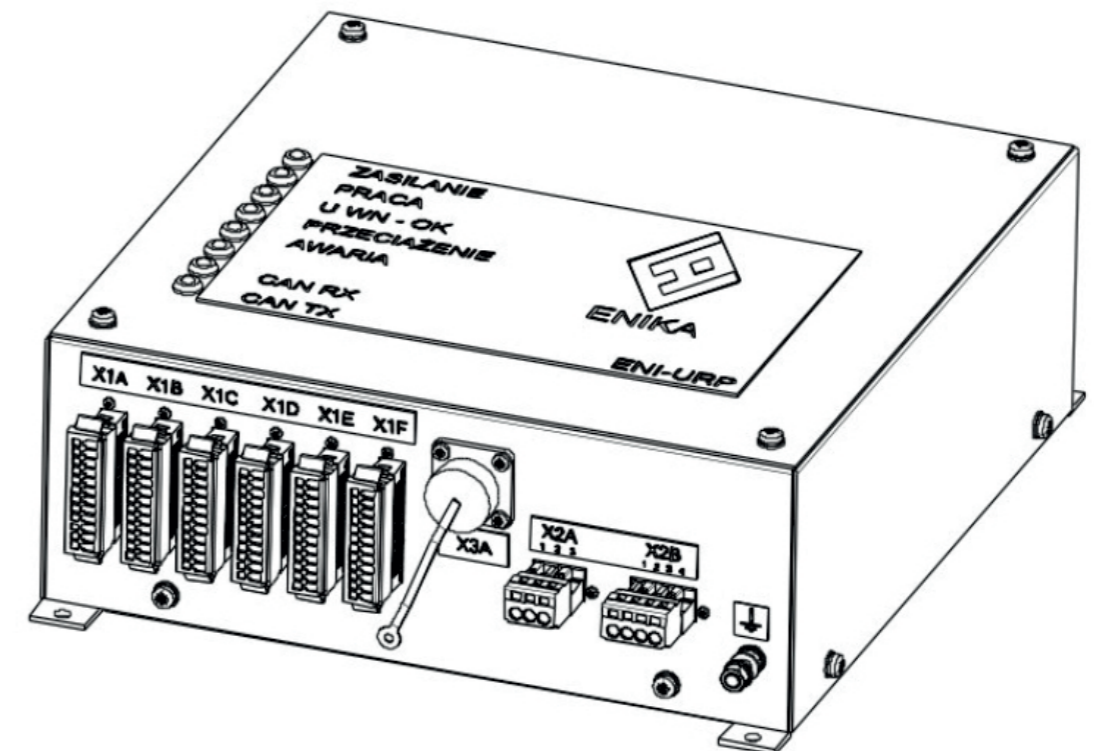


ENI-URP-2/DBC Generator regulator

APPLICATION



The regulator is designed to supply the excitation circuit of the Ghp400M4C synchronous generator and similar generators with the current of adjustable value ensuring the maintenance of the given current and voltage of the generator. The regulator also provides an appropriate level of excitation for a short circuit in the load circuit of the generator for the time necessary for the activation of external protections. After applying the supply voltage, the regulator signals its presence by lighting up the indicator marked POWER. In this state, the regulator expects permission to work from the PLC (sent after CAN). After receiving the permission, the generation of the excitation current begins, which is signaled by the lighting of the OPERATION indicator. Possible internal errors cause the FAILURE diode to light up. After the error is resolved, the work is resumed automatically. If an overload of the excitation circuit is detected, the OVERLOAD LED is lit.



SPECIFICATION

TYP	ENI-URP-2/DBC
Supply voltage	16,8 ÷ 30 V _{DC}
Excitation output	0 ÷ 24 V _{DC}
Excitation current (work)	0 ÷ 9 A _{DC}
Excitation current (overload, short circuit)	do 12 A _{DC}
Load capacity of binary outputs	6 A/260 V _{AC} ; 6 A/24 V _{DC} ; 0,15 A/250 V _{DC}
Binary input voltage	24 V _{DC} ± 20%
Ambient temperature range	-30°C ÷ +40°C
Cooling	Natural
Converter mounting	4 M5 screws
Size	280 x 280 x 106 mm (280 x 280 x 106) mm with mounting brackets
Weight	approx. 3 kg
Enclosure protection rating	IP20