



# PROMAT

ISO 9001

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CRAIOVA

Str. Frații Golești, bl. K28, Ap4

Tel./Fax: 004-0251-451.373

004-0251-431.465

Mobil: 0744528367

AUTORITATEA FERROVIARĂ ROMÂNĂ



CERTIFICAT  
OCS-AFER

SR EN ISO 9001

## CSASA-44 LE

CONVERTOR STATIC PENTRU ALIMENTAREA  
SERVICIILOR AUXILIARE ALE  
LOCOMOTIVELOR ELECTRICE TIP CSASA

STATIC CONVERTER FOR FEEDING THE  
AUXILIARY SERVICES OF THE ELECTRIC  
LOCOMOTIVES TYPE CSASA 44 LE



### Caracteristici tehnice

- ☞ Tensiunea de alimentare: 270...485Vca, 50Hz
- ☞ Tensiunea de iesire: 3x(0...380)Vca
- ☞ Frecventa tensiunii de iesire: 0...50Hz
- ☞ Puterea de iesire maxima: 44kVA
- ☞ Factorul de putere (cosφ): 1
- ☞ Grad de protectie partea electronica: IP51
- ☞ Grad de protectie partea ventilatiei: IP20
- ☞ Masa neta: max. 156 kg
- ☞ Temperatura de funcționare : -25°C ...+70°C
- ☞ Acoperire anticorozivă realităă prin vopsire

### Domeniul de aplicare

Produsul se monteaza pe locomotivele electrice de 5100KW si 3400KW si are rolul de a alimenta serviciile auxiliare (motor compresor, motoare de ventilatie pentru motoarele de tractiune, motor ventilatie si pompa ulei a transformatorului principal).

Convertorul elimina socurile electrice si mecanice pe durata pornirii motoarelor electrice asincrone.

### Technical characteristics

- ☞ Supply voltage: 270...485Vac, 50Hz
- ☞ Output voltage: 3x(0...380)Vac
- ☞ Output frequency voltage: 0...50Hz
- ☞ Maximum output power: 44kVA
- ☞ Power factor (cosφ): 1
- ☞ Protection degree of the electronic unit : IP51
- ☞ Protection degree of the ventilation unit : IP20
- ☞ Net weight: max.156kg
- ☞ Operating temperature : -25°C ...+70°C
- ☞ Anticorrosive padding

### Application field

The product is mounted on the 5100KW and 3400kW electric locomotives and it is designed to feed the auxiliary services (compressor, electric fan of the traction motors, electric fan and oil can for the main transformer).

The converter eliminates the mechanical and electrical shocks during the start of the asynchronous electric engines.