

MEDIUM FREQUENCY TRANSFORMER WITH LEAKAGE INDUCTANCE



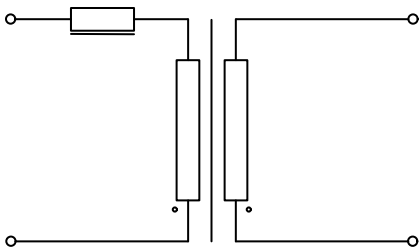
Serie CSHF

Medium frequency transformer with leakage inductance for a Dual Active Bridge converter.



Applications of the Dual Active Bridge converter

- Photovoltaics converters.
- Chargers of electric Vehicle.



Technical specifications

Reference	CSHF6423
Power rating	50 kVA
Input Voltage	800 V
Output Voltage	800 V
Lk	5 μ H
Frequency	40 kHz
Ambient temperature	50 °C
Insulation class	H (180°)
Protection degree	IP00
Safety class	Class I
Test voltage	4 kV

Application electrical diagram

