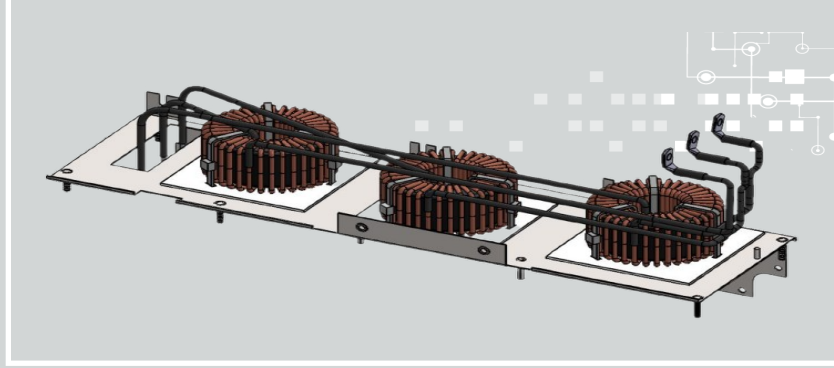


New

PFC-CM-004

43A 200 μ H

INDUCTIVE COMPONENTS / OFFBOARD CHARGERS
TRANSFORMERS



APPLICATIONS

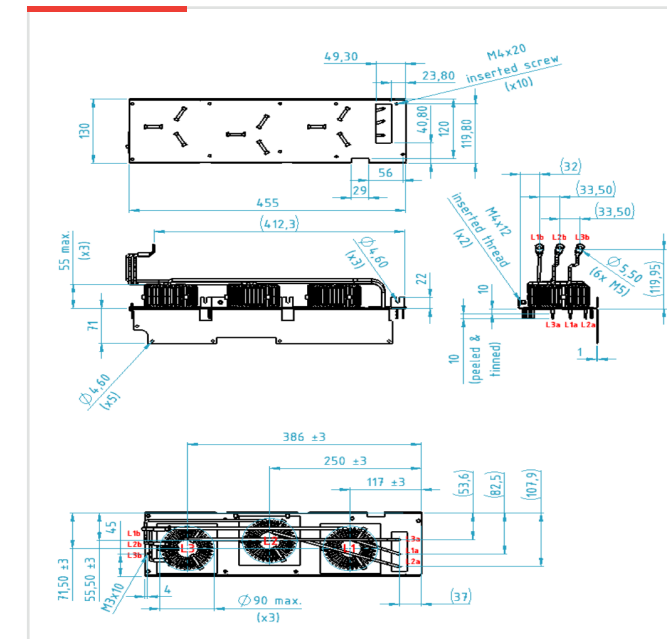
> 3-Phase PFC Choke Module 200uH/43Arms for xEV fixed charging stations

01 FEATURES

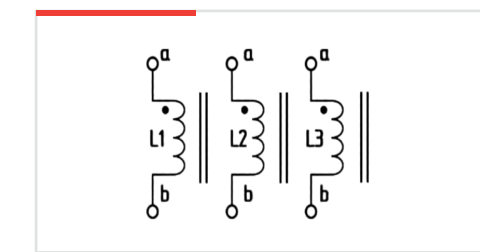
- > 3-phase PFC choke module
- > High saturation powder ring core and solid wire technology
- > Mounting on a metal frame for direct mechanical integration in the application by screwing
- > Cooling by air-flow (2m/s)
- > Inductance value of reference : 200uH at 43A
- > Current repartition: 43Arms@50Hz sinus + triangular ripple of 6Arms@20-40kHz (24Ap-p@20kHz)
- > Primary/chassis insulation > 1450Vac

02 SPECIFICATIONS

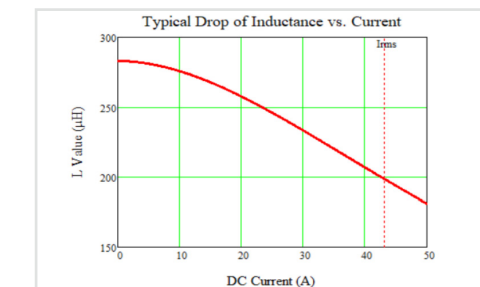
DIMENSIONS (mm)



ELECTRICAL DIAGRAM



INDUCTANCE VS CURRENT



ELECTRICAL SPECIFICATIONS

Current repartition	43Arms@50Hz sinus + triangular ripple of 6Arms@20-40kHz (24App@20kHz)
Primary/chassis insulation	> 1450Vac
OCL inductance	
(60kHz/1Vac/0Adc)	283TYP μ H
DC inductance	
(60kHz/1Vac/43Adc)	200 TYP μ H
DC resistance	
DC	14.5 TYP m Ω
DIELECTRIC STRENGTH	
(2kVac/50Hz/1min(1))	5 mA