

# THREE-PHASE WATER COOLING REACTOR



Serie  
ITW

Three-phase dV/dt or sinusoidal filter reactor, high power density water-cooled.



## Applications

- Output filter PV inverter 1500Vdc
- Rotor or grid filter eolic converter



## Technical specifications

Reference	I2T7322
Nominal voltage	1000 Vrms
Nominal current	1250 Arms
Frecuency	50/60 Hz
L inductance	100 $\mu$ H
Ambient temperature	-25 °C ÷ +50 °C
Switching frequency	3 kHz
Current ripple	100 Arms
dV/dt supported	10 kV/ $\mu$ s
Insulation class	H (180 °C)
Cooling	WF (water forced)
Protection degree	IP00

Flow	15 l/min
Coolant inlet temperature	60 °C
Climatic / enviromental / fire class	C2 / E1 / F0
Corrosion protection	C3H - ISO12944
Standard	IEC/UNE-EN 60076-6 UL5085-1,-2 UL1446

## Application electrical diagram

