



# ITF 6A, ITF 14A, ITF 22 ISOLATION TRANSFORMER 60 dB



ITF 14A, ITF 22

- Isolation transformer 60 dB
- Meets the requirements of IEC / EN 61000-4-16
- Three models available



ITF 6A

**AMETEK CTS Europe GmbH**  
Landsberger Str. 255 · 12623 Berlin · Germany  
T +49 30 56 59 88 35 F +49 30 56 59 88 34  
info.rf.cts@ametek.com [www.teseq.com](http://www.teseq.com)

© March 2018 Teseq®  
Specifications subject to change without notice.  
Teseq® is an ISO-registered company. Its products are designed and manufactured under the strict quality and environmental requirements of the ISO 9001. This document has been carefully checked. However, Teseq® does not assume any liability for errors or inaccuracies.

82-257000 E03 March 2018

The Isolation Transformer (ITF) provides the 60 dB decoupling as required in IEC/EN 61000-4-16. The ITF is placed between coupling network and mains. It can be used for a mains frequency in the range 47 to 63 Hz. Three types are available, ITF 6A for 6.5 Amps, ITF 14A for 14.4 Amps and ITF 22 for 21.7 Amps.

## Technical specifications

Input voltage:	230 V
Output voltage:	230 V
Output current:	6.5 A (ITF 6A), 14.4 A (ITF 14A), 21.7 A (ITF 22)
Mains frequency range:	47 to 63 Hz
Isolation:	60 dB (15 Hz to 150 kHz)
Test/insulating voltage:	4 kV AC RMS
Standard:	EN 61558-2-4
Construction class:	1
Insulation class:	B (130°C)
Ambient temperature:	40°C
Protection class:	IP 23
Mains connection (input):	ITF 6A: Schuko connector with 2.5 m cable, ITF 14A/22: terminal
Output socket:	ITF 6A: 2x Schuko, ITF 14A/22: terminal

## Mechanical specifications

Size (L x W x H):	ITF 6A: 440 mm x 270 mm x 180 mm ITF 14A/22: 307 mm x 400 mm x 505 mm
Weight:	ITF 6A: approx. 29 kg, ITF 14A: approx. 49 kg, ITF 22 approx. 55 kg

## Model No. and options

Part number	Description
257000	ITF 6A Decoupling device accord. IEC 61000-4-16, 6.5 A, 60 dB
257001	ITF 14A Decoupling device accord. IEC 61000-4-16, 14.4 A, 60 dB
258093	ITF 22 Decoupling device accord. IEC 61000-4-16, 21.7 A, 60 dB