



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
- Two models available for 14.4 A or 21.7 A

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. Two types are available, 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: | 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): | terminal |
| Output socket: | terminal |

Mechanical specifications

| | |
|-------------------|--|
| Size (L x W x H): | ITF 14A / 22: 307 mm x 400 mm x 505 mm |
| Weight: | ITF 14A: approx. 49 kg, ITF 22 approx. 55 kg |

Model No. and options

| Part number | Description |
|-------------|--|
| 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 |

AMETEK CTS Europe GmbH
Landsberger Str. 255 · 12623 Berlin · Germany
T +49 30 56 59 88 35 F +49 30 56 59 88 34
customer care.cts@ametech.com
www.ametek-cts.com

© August 2021 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 E04 August 2021