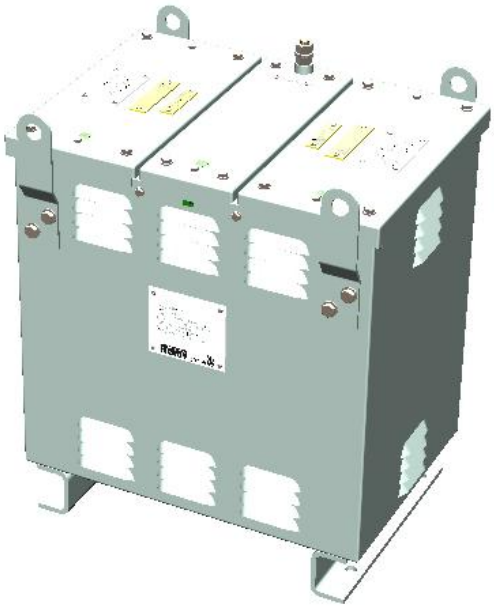
10KVA Transformer



ELECTRICAL CHARACTERISTICS

Configuration: Star primary/delta secondary

Rating: 10kVA
Primary: 440V 50/60Hz 3phase
Secondary: 115V 50/60Hz 3phase
Isolation: Electrostatic copper screen solidly earthed

MECHANICAL FEATURES

Insulation class: F

Impregnation: Vacuum impregnation and enveloped for harsh environment

Cooling: Air natural

Enclosure: Deck mounted. Lifting eyes are provided.

Dimensions
523 x 422 x 311 (O/A)(h x w x d) mm

A clearance of at least 100 mm should be allowed around the unit (including base) to allow proper ventilation.

Fixings : 4 holes 13mm dia. Centres 350(w) x 255(d) mm

Weight 131kg

Finish Lt Adm Grey BS381c Shade697:semi-gloss

Cable Entry
Top via gland plate. User connections are made to internal panel mounted stud terminals. Gland plate can be drilled or punched as required for glands.

Ingress Protection Rating: IP23

Earth: External M10 (x1.5) earth stud.

ENVIRONMENTAL CHARACTERISTICS

Shock
Designed to meet a shock requirement of a maximum vertical acceleration (half sine-wave pulse) of amplitude 117.7m/s2 (12g) and of duration 9ms (rise time to peak velocity) and 24ms (fall time to zero velocity). For installed shock levels in excess of this shock mounts should be fitted.

Vibration
When 'hard' mounted, is designed to meet shipboard vibration. Typically: 5 to 33Hz +/- 0.125mm

Noise
< 60dbA. @ 1m

Electromagnetic Compatibility
The equipment is designed to comply with the requirements of Def Stan 59-411.Emissions and susceptibility (Below deck limits)

Ambient Temperature
0°C to + 45°C

Relative Humidity
10% to 95% non-condensing

Ships Motion
The equipment is designed to withstand, without damage or degradation of performance, ship motion due to the action of the sea and weather as well as accelerations and velocities deriving from deliberate ship manoeuvres. Typically:

Roll angles	± 30°
Pitch angles	± 10°
Steady list angles	± 15°
Steady trim angles	± 5°

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