

TF-RFQ-TR

Distribution transformers

Complete the applicable sheet. Leave unknown values for technical review.

Project / reference

Quantity / unit

Electrical duty

Rated power (kVA), quantity, phases and frequency (Hz).

Network

Primary / secondary voltage, highest voltage for equipment and insulation requirements.

Design

Vector group, tapping range, cooling and winding material preference.

Performance

No-load / load-loss limits, reference temperature, impedance and temperature-rise limits.

Site

Indoor / outdoor, ambient range, altitude, enclosure and dimensional restrictions.

Accessories

Protection, monitoring, terminals, mounting and any utility-specific fittings.

Required standard / edition, documents and deviations

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TF-RFQ-SS

Compact substations

Complete the applicable sheet. Leave unknown values for technical review.

Project / reference

Quantity / unit

System

Single-line diagram, transformer rating and voltage levels.

MV section

Circuit arrangement, feeder count, protection, metering and control requirements.

LV section

Incomer, outgoing circuits, current ratings and protection requirements.

Enclosure

Material preference, environmental conditions, access and internal-arc requirements.

Interfaces

Cable entry, earthing, ventilation, auxiliaries and monitoring interfaces.

Delivery

Site access, maximum module size, lifting restrictions and destination.

Required standard / edition, documents and deviations

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TF-RFQ-SG

MV / LV switchgear

Complete the applicable sheet. Leave unknown values for technical review.

Project / reference

Quantity / unit

Rating

Rated voltage, frequency, busbar current and short-circuit duty with duration.

Arrangement

Single-line diagram, panel functions, feeder count and future extensions.

Protection

Relay / breaker preferences, protection philosophy and control voltage.

Safety

Required internal-arc classification, separation, interlocks and ingress protection.

Integration

Metering, remote control, communications and cable connections.

Installation

Room layout, access, environmental conditions and maintenance space.

Required standard / edition, documents and deviations

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TF-RFQ-CB

Power cables & conductors

Complete the applicable sheet. Leave unknown values for technical review.

Project / reference

Quantity / unit

Voltage

Rated voltage designation U0/U(Um), frequency and system requirements.

Construction

Conductor material, cross-section, core count, insulation, screen and sheath.

Installation

Buried / duct / tray / overhead, loading basis and environmental conditions.

Protection

Armour, water blocking and fire-performance requirements where specified.

Quantity

Total route length, spare allowance, individual drum lengths and tolerances.

Interfaces

Termination / joint requirements, marking, drum sizes and delivery destination.

Required standard / edition, documents and deviations

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