XT-DF Cable Branch Boxes — Datasheet

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Outdoor cable branch boxes with copper busbar systems rated 250 to 1000 A, for branching and protecting cable feeders in low-voltage distribution networks. Floor-standing on a cable trench base.

Features

- Copper busbar system — busbar ratings of 250, 400, 630 and 1000 A are offered.
- Flexible incoming and outgoing layout — configurations run from 1 incoming and 4 outgoing to 2 incoming and 8 outgoing.
- Outgoing protection options — outgoing circuits use moulded-case circuit breakers or fuse-type isolating switches.
- Live indication on request — live indication can be supplied when required.
- Three enclosure materials — 304 stainless steel, galvanised steel or cold-rolled steel, 1.5-2.0 mm sheet, brushed or RAL 7035 powder-coated.
- Floor-standing installation — the box stands on a cable trench base.

Common Specifications

Item	Specification
Rated voltage	400 V
Materials	304 stainless steel / galvanised steel / cold-rolled steel
Sheet thickness	1.5-2.0 mm
Finish	Brushed stainless or powder-coated, RAL 7035
Installation	Floor-standing on cable trench base

Models & Variants

Model	Busbar rating	Incoming / outgoing	Dimensions H x W x D (mm)	Weight (approx.)
XT-DF-600	250-630 A	1-in 4-out to 2-in 8-out	750 x 1450 x 500	approx. 92 kg
XT-DF-250	250 A	1-in / 4-out	600 x 1100 x 400	approx. 55 kg
XT-DF-400	400 A	1-in / 4-out	650 x 1200 x 450	approx. 68 kg
XT-DF-400B	400 A	1-in / 6-out	700 x 1300 x 450	approx. 78 kg
XT-DF-630	630 A	1-in / 6-out	750 x 1450 x 500	approx. 92 kg
XT-DF-630B	630 A	2-in / 8-out	800 x 1500 x 500	approx. 102 kg
XT-DF-1000	1000 A	2-in / 8-out	900 x 1600 x 550	approx. 128 kg
XT-DF-630S	630 A (stainless)	1-in / 6-out	750 x 1450 x 500	approx. 92 kg

Model Meaning

XT-DF- gives the rated busbar current in amperes: 250, 400, 630 or 1000 A. Suffix B denotes the next-higher incoming/outgoing configuration; suffix S denotes the 304 stainless steel version. Examples: XT-DF-400B is a 400 A box in the higher configuration; XT-DF-630S is a 630 A box in stainless steel. The exact configuration of each model is listed in the variant table.

Service Conditions

Designed for outdoor use, floor-standing on a cable trench base. Rated voltage 400 V. Protection class designed per IEC 60529 (tested on request).

Packing & Shipping

Packed in export cartons or fumigation-free wooden cases on pallets. Supplied fully assembled or flat-packed (SKD).

Customisation

Busbar rating, incoming/outgoing configuration, outgoing device type and enclosure material can be configured to your single-line diagram.

Note: standard design parameters are shown; final dimensions and configurations are confirmed at quotation. This datasheet is product literature, not a test certificate. Test reports and third-party testing can be arranged on request.