

ENSTO

TIPI Range

Power Interface and
Information Panelboard



Better life.
With electricity.

TIPI 8

Power Interface and Information Panelboard

TIPI 8 public distribution panelboards are designed to be used in conventional MV/LV substations, to provide protection for LV outgoing feeders with 400, 630 and 1000 kVA transformers.

They have the following main characteristics:

- Four-pole main switch-disconnector, 1200 A or 1800 A, according to the transformer
- 8 feeders + 1 temporary feeder
- Operating safety IP2X (following of LV work execution condition rules)
- A lockable short-circuiting and earth device (upstream of the main switch)
- Electrical outlets for auxiliary power supply

The feeders are connected with shear head screws to tighten the cable at the required tightening torque.

Two types of feeders with single-pole fuse:

- Public distribution feeder
- Temporary feeder

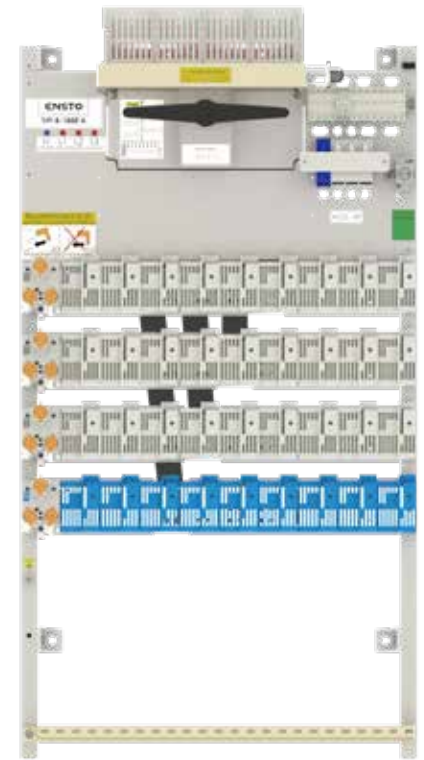
TIPI panelboards comply with Enedis ST 63-S-61 specification version B dated October 2020 as well as the standards IEC 439-1, IEC 947-3 and IEC 269-2.

Connections

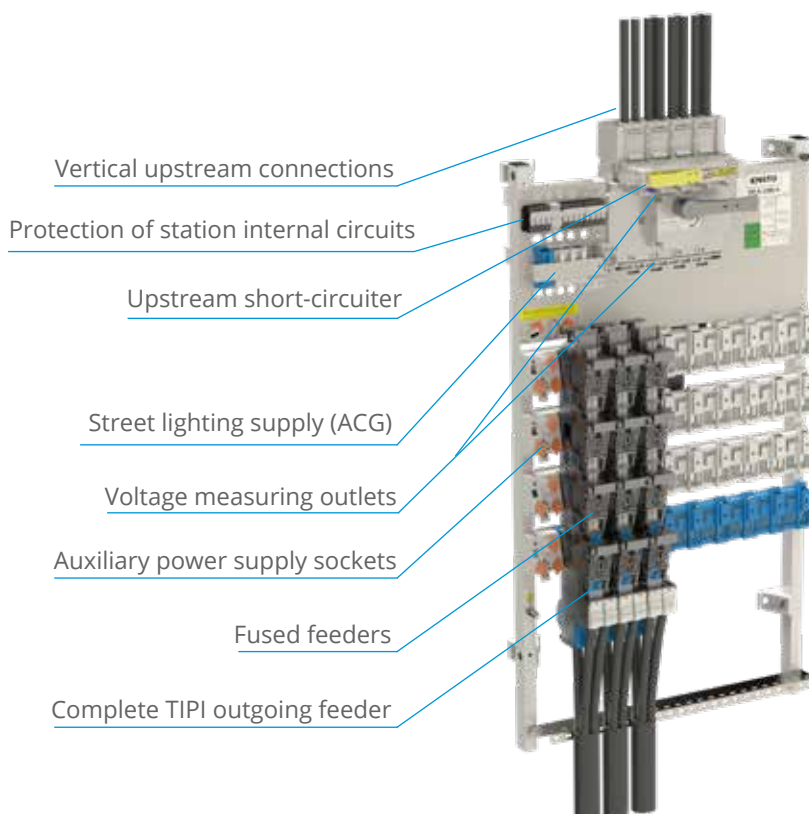
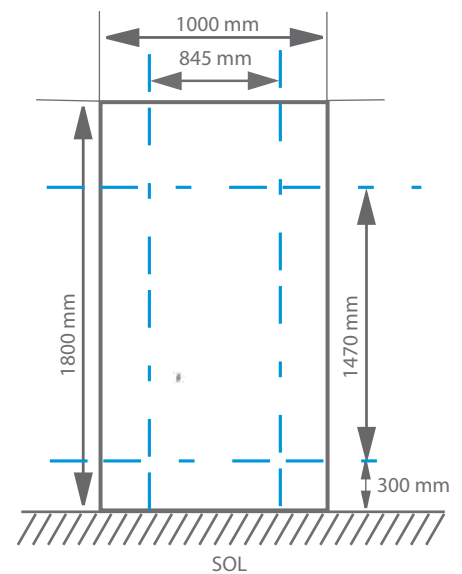
Upstream connections: deep stepped compression lugs (available as an option).

Auxiliary power supply

Connection interface for M12 sockets to plug an auxiliary power supply



TIPI 8-1800



TIPI 8-1200

Overall dimensions:
TIPI 8: l x h x d: 1000 x 1800 x 430 mm
Weight without packaging, without feeder:
TIPI 8-1200: 53kg
TIPI 8-1800: 72 kg

Optional: floor anchoring

TUPI 4

Power Interface and Information Panelboard

TUPI 4-500 public distribution panelboards are designed to be used in conventional MV/LV substations or PSS stations, to provide protection for LV outgoing feeders with a 250 kVA transformer.

They have the following main characteristics:

- 500-A four-pole main switch-disconnector
- 4 feeders + 1 temporary feeder
- Operating safety IP2X (following of LV work execution condition rules)
- A lockable short-circuiting and earth device (upstream of the main switch)
- Electrical outlets for auxiliary power supply

The feeders are connected with shear head screws to tighten the cable at the required tightening torque.

Two types of feeders with single-pole fuse:

- Public distribution feeder
- Temporary feeder

TUPI panelboards comply with Enedis ST 63-S-61 specification version B dated October 2020 as well as the standards IEC 439-1, IEC 947-3 and IEC 269-2.



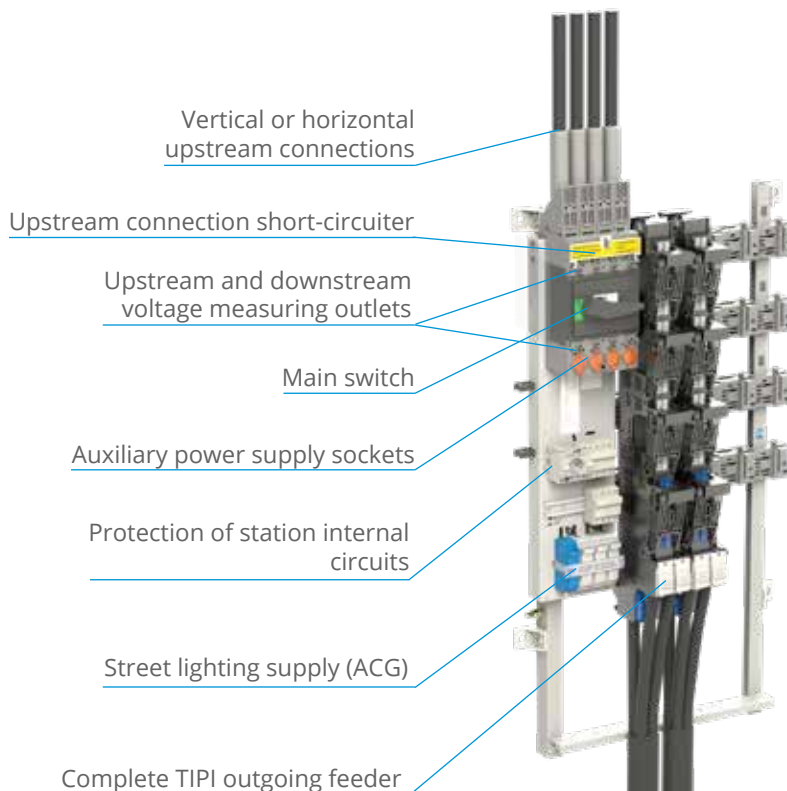
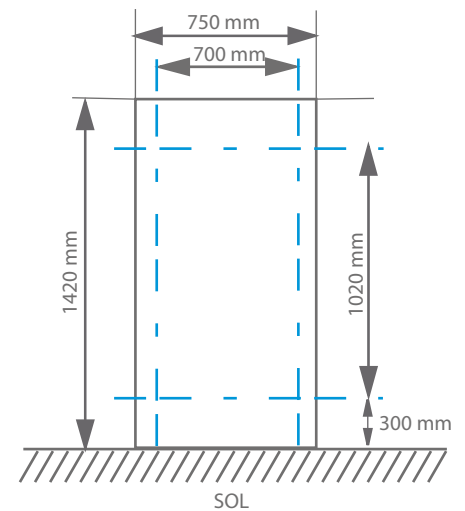
TUPI 4-500

Connections

Upstream connections: eep stepped compression lugs (available as an option).

Auxiliary power supply

Connection interface for M12 sockets to plug an auxiliary power supply



TUPI 4-500

Overall dimensions (without output):
l x h x d: 750 x 1420 x 276 mm
Weight without packaging, without feeder:
32 kg

Optional: floor anchoring

TIPI Outgoing Feeders

Fused feeders

- 4 fuses holders to get :
 - 3 HRC fuses (HN type - size 2 - 400 A max)
 - 1 neutral bar (HN type - size 2).
- Cables connected directly to connectors downstream from feeder, with shear head screws.

Connections

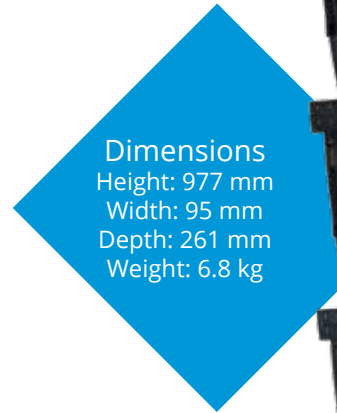
Public distribution feeder

- 50 - 240 mm² (cunderground cables)

Temporary feeder

- 50 - 240 mm² (cunderground and overhead cables)

Outgoing Feeder



Dimensions
 Height: 977 mm
 Width: 95 mm
 Depth: 261 mm
 Weight: 6.8 kg



Choice of TIPI panelboard

Panelboard	Switch Disconnector	Transformer	Max number of feeders	Number of auxiliary power supply sockets per phase
TIPI 4-500	500 A	250 kVA	4 + 1 temporary	1 (500 A max.)
TIPI 8-1200	1200 A	400 kVA 630 kVA	8 + 1 temporary	3 (1200 A max.)
TIPI 8-1800	1800 A	1000 kVA	8 + 1 temporary	3 (1200 A max.)

	Ensto Novexia code
4-outputs TIPI panelboard - 500 A ACG 60 A 3-phases	NX1016878
8-outputs TIPI panelboard - 1200 A ACG 60 A 3-phases	NX2008858
8-outputs TIPI panelboard - 1800 A ACG 60 A 3-phases	NX1015969
TIPI 400 A feeder	NX2009030
TIPI 400 A temporary feeder	NX2009032
Floor anchoring for 4-outputs panelboard	NX1016881
Floor anchoring for 8-outputs panelboard	NX1015996
Feeder mounting spanner	NX1013997
Auxiliary power supply unit replacement kit for TIPI 1200/1800 (N + Phases L1-L2-L3)	NX2009424
EMiS kit for TIPI 500/1200/1800 A	NX2008910



ENSTO

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