TECHNO ELECTRO POWER

Ingenuity in Protection

USA

TECHNO ELECTRO POWER DISTRIBUTION SYSTEM

TEP offers innovative solutions to meet customer needs in Power & Protection

Techno Electro Power (TEP) Industrial SPC is an ISO 9001:2015 certified companies based in Kingdom of Bahrain.

TEP Industrial SPC is focused on manufacturing of L.V. Panels, Distribution Boards, Control Panels, Cable Trays, and PVC Electrical Conduits & Accessories. All products are tested to international standards, (BS, KEMA). TEP continues to use technological innovation to manufacture products with lower cost and better quality.

TEP Industrial SPC aspires to become a Premier manufacturer and supplier of Electrical products and materials throughout the EMEA.

About Us

TEP Industrial SPC was established in 2013 and is head quartered in Bahrain is pleased to say that we have been supplying excellent service of Electrical goods and products business in to the industry since 2013. In a short span of 7 years TEP Industrial SPC has created good market reputation and is instrumental in providing top grade and cost effective cabling and switchgear related solutions to clients in Bahrain.

Poweron Trading Co. WLL is the trading arm of TEP Industrial SPC. The trading firm is engaged in supply of products manufactured by TEP Industrial SPC and is also a leading trader of Electrical Items, Cable Management Systems, Lights & Light Fittings and all types of LV Cables in Bahrain.

Warranty Policy: warranted against defects arising out of manufacturing processes or use of defective raw materials for a period of 18 months from the date of supply or 12 months from the date of installation whichever is earlier. The company reserves the right to either replace or repair the defective items after ascertaining the facts through a detailed service report on usage of our products in normal conditions.

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Distribution Boards (DB)

Salient Features

- Aesthetically designed incompliance with latest standards
- Wide range-sheet steel DBs up to 18ways
- SPN, TPN MCB Distribution Board.
- Degree of protection IP30 as Standard.
- IP31, 42 , IP43 & 55 available (non-Standard sizes)
- Surface & flush mounting
- Powder coated – Corrosion & scratch resistance
- Detachable gland plate (optional)
- Adequate knock-out sonal sides
- Generous wiring space
- Clear circuit identification
- Supplied complete with busbar, earth & neutral bars.
- Ambient temperature 55 Degree

Technical Details

Voltage	: 240VACforSPN, 415Vfor TPNDBs
Busbar Rating	: 63A/100A/125A
No. of Ways	: 4, 6, 8, 10, 12, 14, 18ways
Mounting	: Surface/Flush
Di electric Strength	: 2.5kV RMS AC for 1min
Mounting Arrangement	: 35mm DIN Rail for MCBs,RCCBs (SPN)
	125A Pan-tray assembly For TPN DB

SPN MCB DB Non–Split

Salient Features

- Single door.
- IP30 protection
- Standard color RAL-7035.
- Hinged full door with sliding lock.
- Knock outs at Top, Bottom, Sides and Back or enclosure.
- Surface or Flush mounted covers.
- Generous wiring space, adequate for cable glands
- Superior powder coated finish for better protection against heat & dust (Powder coating thickness of more than 60 microns)
- Detachable gland plates (OPTIONAL)
- Complete with copper phase comb-bar, earth bar & neutral bars

Dimensions&Diagram-Page11

SPN Distribution Boards Non-Split

Ordering Details

Description	Code Ref.
4Way SPN	
6 Way SPN	
8 Way SPN	
10 Way SPN	
12 Way SPN	
14 Way SPN	
16 Way SPN	
18 Way SPN	

SPN MCB DB Split

Salient Features

- Single door.
- IP30 protection
- Standard color RAL-7035.
- Hinged full door with sliding lock.
- Knock outs at Top, Bottom, Sides and Back or enclosure.
- Surface or Flush mounted covers.
- Generous wiring space, adequate for cable glands
- Superior powder coated finish for better protection against heat & dust (Powder coating thickness of more than 60 microns)
- Detachable gland plates (OPTIONAL)
- Complete with copper phase comb-bar, earth bar & neutral bars

Dimensions&Diagram-Page11

SPN Distribution Boards Split

Ordering Details

Description	Code Ref.
4Way SPN	
6 Way SPN	
8 Way SPN	
10 Way SPN	
12 Way SPN	
14 Way SPN	
16 Way SPN	
18 Way SPN	

TPN MCB DB Non-Split

Salient Features

- Single door.
- IP30 protection
- Standard color RAL-7035.
- Hinged full door with sliding lock.
- Knock outs at Top, Bottom, Sides and Back or enclosure.
- Surface or Flush mounted covers.
- Generous wiring space, adequate for cable glands
- Superior powder coated finish for better protection against heat & dust (Powder coating thickness of more than 60 microns)
- Detachable gland plates (OPTIONAL)
- With 125A Busbar Modular Interior

Dimensions&Diagram-Page12

TPN Distribution Boards Non-Split

Ordering Details

Description	Code Ref.
4Way TPN	
6 Way TPN	
8 Way TPN	
10 Way TPN	
12 Way TPN	

TPN MCB DB Split

Salient Features

- Single door.
- IP30 protection
- Standard color RAL-7035.
- Hinged full door with sliding lock.
- Knock outs at Top, Bottom, Sides and Back or enclosure.
- Surface or Flush mounted covers.
- Generous wiring space, adequate for cable glands
- Superior powder coated finish for better protection against heat & dust (Powder coating thickness of more than 60 microns)
- Detachable gland plates (OPTIONAL)
- With 125A Busbar Modular Interior

Dimensions&Diagram-Page12

TPN Distribution Boards Split

Order Details

Description	SURFACE	
	Code Ref.	
2+2Way		
4+2Way		
4+4Way		
6+4Way		
8+4Way		
8+6Way		
10+4Way		
10+6Way		

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TPN MCB DB Split

Salient Features

➢ Single door.

➢ IP30 protection

➢ Standard color RAL-7035.

➢ Hinged full door with sliding lock.

➢ Knock outs at Top, Bottom, Sides and Back or enclosure.

➢ Surface or Flush mounted covers.

➢ Generous wiring space, adequate for cable glands

➢ Superior powder coated finish for better protection against heat & dust (Powder coating thickness of more than 60 microns)

➢ Detachable gland plates (OPTIONAL)

➢ Complete with copper phase comb-bar, earth bar & neutral bars
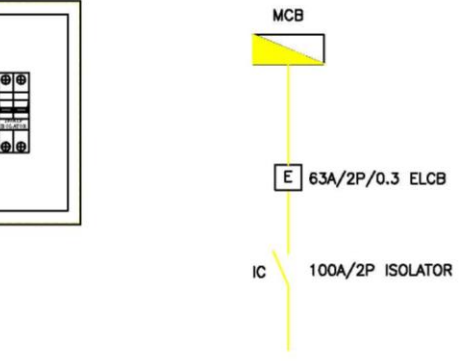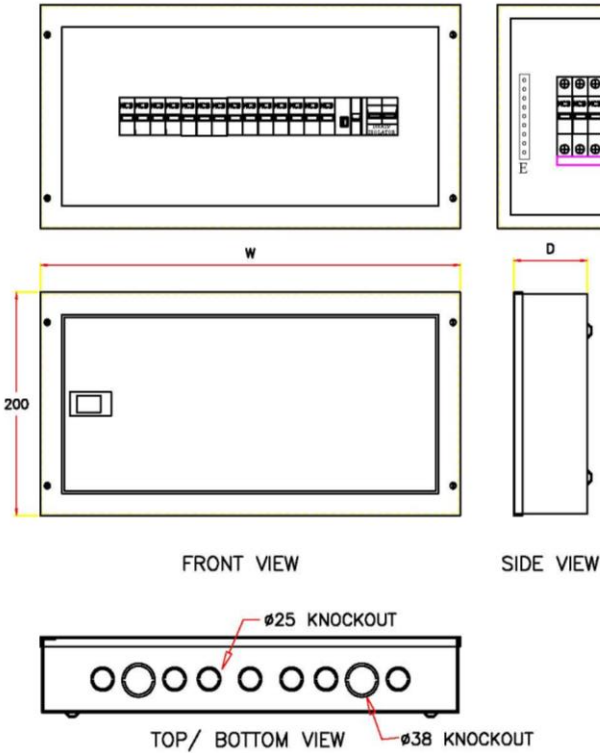
Dimension: H350 x W380 x D110

TPN Distribution Boards Split 17 MCB (Compact)

Technical Details

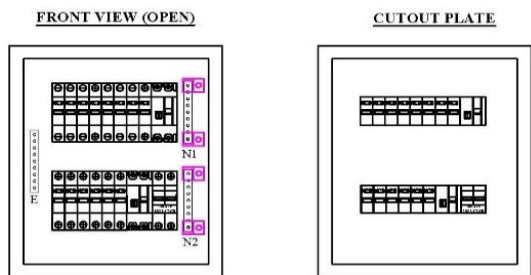| Description	SURFACE
	Code Ref.
17 MCB	

Dimensions & Diagram
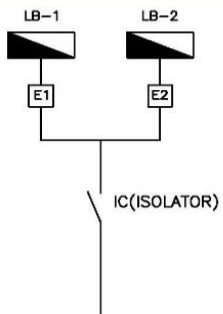
Please contact your nearest TEP sales office for drawings in printable format

FRONT VIEW   SIDE VIEW

W

D

200

ø25 KNOCKOUT

TOP/ BOTTOM VIEW   ø38 KNOCKOUT

MCB

E   63A/2P/0.3 ELCB

IC   100A/2P ISOLATOR
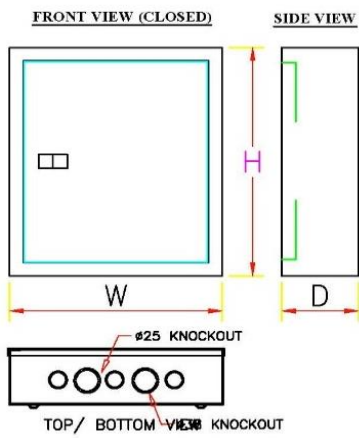
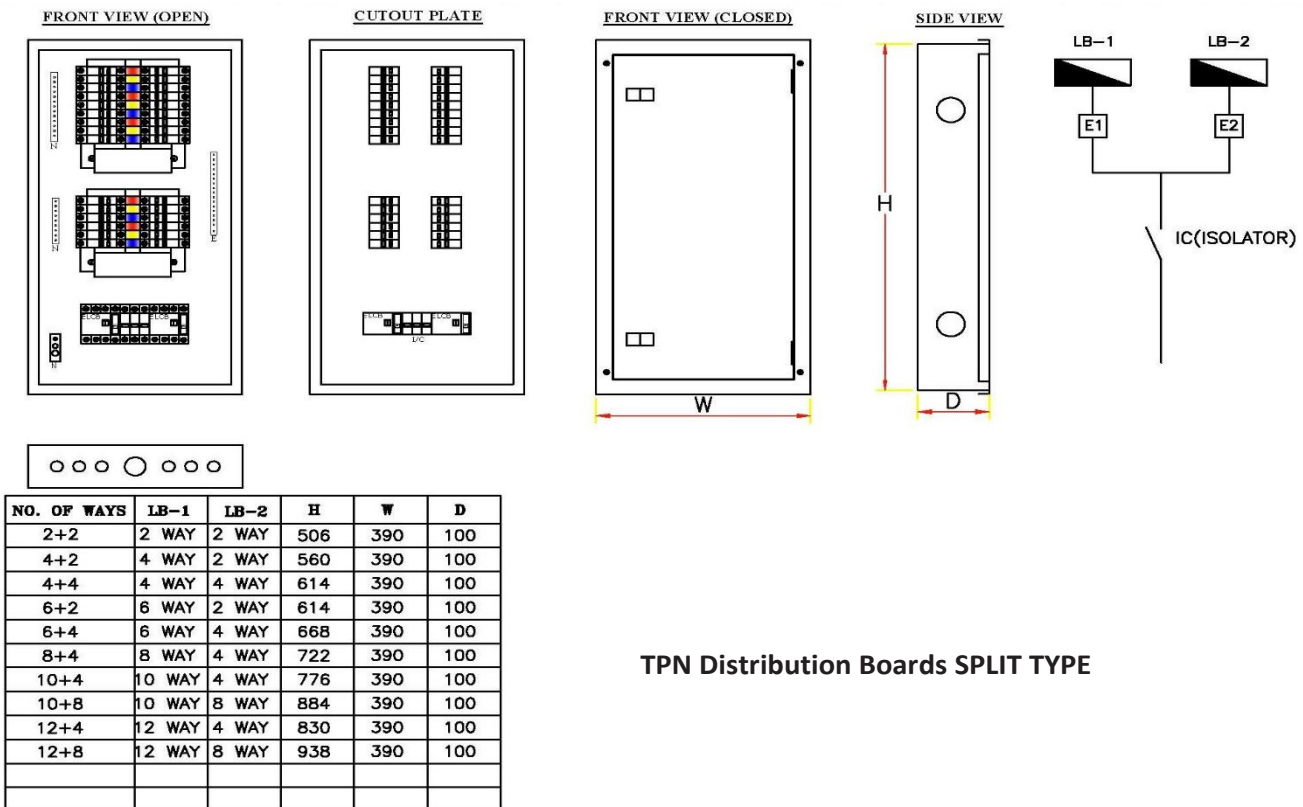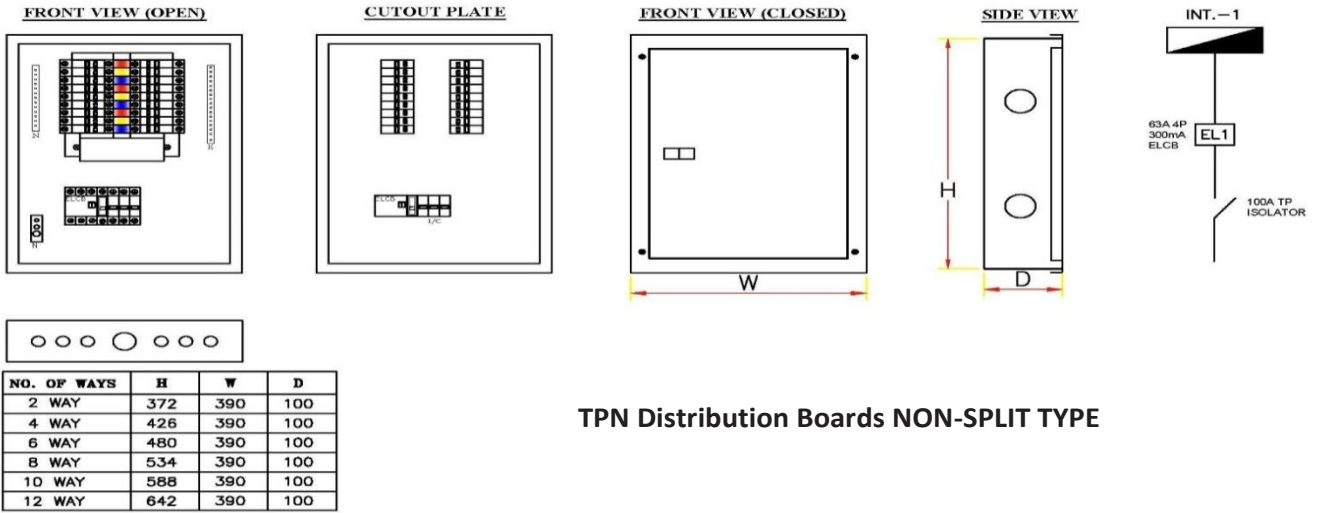| NO. OF WAYS	H	W	D	QTY
4 WAY	205	270	95	
6 WAY	205	306	95	
8 WAY	205	342	95	
10 WAY	205	378	95	
12 WAY	205	414	95	

SPN Distribution Boards NON-SPLIT TYPE

LB-1   LB-2

E1   E2

IC(ISOLATOR)

FRONT VIEW (OPEN)   CUTOUT PLATE

N1

E

N2

FRONT VIEW (CLOSED)   SIDE VIEW

H

W   D

ø25 KNOCKOUT

TOP/ BOTTOM VIEW KNOCKOUT

NO. OF WAYS	LB-1	LB-2	H	W	D
2+2	2 WAY	2 WAY	330	198	95
4+2	4 WAY	2 WAY	330	234	95
6+4	6 WAY	4 WAY	350	270	95
8+4	8 WAY	4 WAY	350	306	95
10+4	10 WAY	4 WAY	350	342	95
10+8	10 WAY	8 WAY	350	342	95
12+4	12 WAY	4 WAY	350	378	95
12+8	12 WAY	8 WAY	350	378	95

SPN Distribution Boards SPLIT TYPE

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NO. OF WAYS	H	W	D
2 WAY	372	390	100
4 WAY	426	390	100
6 WAY	480	390	100
8 WAY	534	390	100
10 WAY	588	390	100
12 WAY	642	390	100

TPN Distribution Boards NON-SPLIT TYPE

NO. OF WAYS	LB-1	LB-2	H	W	D
2+2	2 WAY	2 WAY	506	390	100
4+2	4 WAY	2 WAY	560	390	100
4+4	4 WAY	4 WAY	614	390	100
6+2	6 WAY	2 WAY	614	390	100
6+4	6 WAY	4 WAY	668	390	100
8+4	8 WAY	4 WAY	722	390	100
10+4	10 WAY	4 WAY	776	390	100
10+8	10 WAY	8 WAY	884	390	100
12+4	12 WAY	4 WAY	830	390	100
12+8	12 WAY	8 WAY	938	390	100

TPN Distribution Boards SPLIT TYPE