

Ekinox TM
Smart Solutions

The Core Brick
of your installation
is now smarter

Intelligent EI

Ekinox 3 Smart Distribution Board allows to measure, monitor and control energy from anywhere. Equipped with smart products like EMDX3, CX3 EMS & intelligent accessories. Ekinox 3 helps to evaluate electrical distribution in real time seamlessly.

VTPN MCCB + METER BO



Scan to know more about the product.



Ekinox³

Smart Solutions

MIVAN CONSTRUCTION COMPATIBLE EKINOX³ DB



Mivan Construction Compatible Ekinox3 distribution boards are made with thick sheets to withstand extreme pressures during the Mivan construction process. The sleek, minimalistic and stylish design enhance the overall ambience of the spaces.

SALIENT FEATURES

Easily removable knock outs for cable glanding

Full proof solution

Innovative door knob

Integrated door earthing system

Door separately packed

Plain look with rounded corners

Stronger glanding plates

Nut inserts for longer installation life

Increased sheet thickness to withstand Mivan Construction challenges

Slimmest DB with 71 mm depth

IP 43 degree of protection

Wire set, Din rail components, Neutral and Earth bar packed separately in inner assembly set



Scan to know more about the product.

Ekinox³ SPN DB's

for DX³ MCB, Isolator, RCCB and RCBO

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar
- With Neutral bar, Earthbar and Cable ties for Cable management
- Fully shrouded Neutral bars
- Prefitted masking sheet
- Reversible Door for IP 43 & IP 54 DB's

IP 30 - *IK 08

5076 00	4 way	4	1410	1
5076 01	8 way	8	1720	1
5076 02	12 way	12	2034	1
5076 03	16 way	16	2484	1
5076 04	18 way	18	2864	1
5076 05	20 way	20	2942	1

IP 43 - *IK 09 with metal door

5076 10	4 way	4	1876	1
5076 11	8 way	8	2316	1
5076 12	12 way	12	2784	1
5076 13	16 way	16	3532	1
5076 14	18 way	18	3612	1
5076 15	20 way	20	4382	1

IP 43 - *IK 09 with acrylic door

5076 20	4 way	4	2462	1
5076 21	8 way	8	2852	1
5076 22	12 way	12	3464	1
5076 23	16 way	16	4306	1
5076 24	18 way	18	4590	1
5076 25	20 way	20	4860	1

IP 54 - *IK 09

5076 40	4 way	4	6408	1
5076 41	8 way	8	7604	1
5076 42	12 way	12	8734	1
5076 43	16 way	16	9718	1
5076 44	18 way	18	9922	1
5076 45	20 way	20	10782	1

Ekinox³ ETPN DB's

for DX³ MCB, Isolator, RCCB and RCBO

- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar for each phase
- With Neutral bar, Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- Improved Pan assembly for ease of installation
- Prefitted masking sheet
- Reversible Door for IP 43 & IP 54 DB's
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCB's as outgoing
- Supplied with wireset
- Can be converted to PPI DB at site using conversion kit

IP 30 - *IK 08

5076 60	4 way	8+12	3856	1
5076 61	6 way	8+18	4782	1
5076 62	8 way	8+24	5648	1
5076 63	12 way	8+36	8130	1
5076 64	16 way	8+48	10020	1
5076 66	20 way	8+60	13848	1

* MRP - Maximum Retail Price Inclusive of all taxes including GST.
#IK - Refer pg - 59 for ready reckoner table.

Ekinox³ ETPN DB's

for DX³ MCB, Isolator, RCCB and RCBO

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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IP 43 - *IK 09 with metal door

5076 70	4 way	8+12	4584	1
5076 71	6 way	8+18	5708	1
5076 72	8 way	8+24	6846	1
5076 73	12 way	8+36	10254	1
5076 74	16 way	8+48	12712	1
5076 76	20 way	8+60	17796	1

IP 43 - *IK 09 with acrylic door

5076 80	4 way	8+12	6134	1
5076 81	6 way	8+18	7430	1
5076 82	8 way	8+24	8828	1
5076 83	12 way	8+36	13542	1
5076 84	16 way	8+48	16184	1
5076 86	20 way	8+60	22522	1

IP 54 - *IK 09

5076 90	4 way	8+12	15412	1
5076 91	6 way	8+18	18546	1
5076 92	8 way	8+24	20284	1
5076 93	12 way	8+36	28586	1
5076 94	16 way	8+48	34304	1
5076 96	20 way	8+60	40494	1

Ekinox³ Flexy DB

for DX³ DIN modular products

Cat.Nos	Number of row	No. of modules	MRP* ₹ / Unit	Pack
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- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- Completely flexible to organise the distribution as per site requirements
- Busbars to be selected as per distribution requirements
- With Neutral and Earth bars
- Fully shrouded Neutral bars
- Improved Pan assembly for ease of installation
- Prefitted masking sheet
- Reversible door for IP 43

IP 30 - *IK 08

5077 01	2 row of 14 M	28	4840	1
5077 02	3 row of 14 M	42	5978	1
5077 03	4 row of 14 M	56	6718	1

IP 43 - *IK 09 with metal door

5077 05	2 row of 14 M	28	5874	1
5077 06	3 row of 4 M	42	7054	1
5077 07	4 row of 14 M	56	7684	1
5077 14	4 row of 8 M	32	6114	1
5077 15	4 row of 10 M	40	6340	1
5077 12	3 row of 14 M MCCB for DPX ³ 160 MCCB	42	7682	1

IP 43 - *IK 09 with acrylic door

5077 09	2 row of 14 M	28	6094	1
5077 10	3 row of 14 M	42	7474	1
5077 11	4 row of 14 M	56	8468	1
5077 13	3 row of 14 M MCCB for DPX ³ 160 MCCB	42	8546	1

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Cat.Nos that are not bold - delivery within 4 - 8 weeks from the date of order.
Bold packing quantity is our mandatory packing. Orders to be placed by Legrand (India) Stockist in multiples of the same.

Ekinox³ TPN DB-VTPN DB's

for DX³ MCB, Isolator, RCCB and RCBO

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar for each phase
- With 2 Neutral bar, 2 Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- Improved Pan assembly for ease of installation
- Prefitted masking sheet
- Reversible Door for IP 43 & IP 54 DB's
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP/TP MCB's as outgoing

IP 30 - *IK 08

5077 20	4 way	8+12	10550	1
5077 21	6 way	8+18	11602	1
5077 22	8 way	8+24	12880	1
5077 23	12 way	8+36	18598	1

IP 43 - *IK 09 with metal door

5077 25	4 way	8+12	11392	1
5077 26	6 way	8+18	12616	1
5077 27	8 way	8+24	14656	1
5077 28	12 way	8+36	19910	1

IP 43 - *IK 09 with acrylic door

5077 30	4 way	8+12	15014	1
5077 31	6 way	8+18	16518	1
5077 32	8 way	8+24	19090	1
5077 33	12 way	8+36	25468	1

IP 54 - *IK 09

5077 35	4 way	8+12	23784	1
5077 36	6 way	8+18	26166	1
5077 37	8 way	8+24	28608	1
5077 38	12 way	8+36	37396	1

Ekinox³ TPN DB-VTPN DPX³ 160 MCCB DB's

- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- With 250 A Copper Busbar for each phase
- With 2 Neutral bar, 2 Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- Improved Pan assembly for ease of installation
- Prefitted masking sheet
- Reversible Door for IP 43 & IP 54 DB's
- With provision for DPX³ 160 MCCB as incomer and SP/TP MCB's as outgoing

IP 30 - *IK 08

5077 40	4 way	DPX ³ 160+12	11930	1
5077 41	6 way	DPX ³ 160+18	12884	1
5077 42	8 way	DPX ³ 160+24	14118	1
5077 43	12 way	DPX ³ 160+36	21344	1

IP 43 - *IK 09 with metal door

5077 45	4 way	DPX ³ 160+12	13752	1
5077 46	6 way	DPX ³ 160+18	15624	1
5077 47	8 way	DPX ³ 160+24	17196	1
5077 48	12 way	DPX ³ 160+36	23444	1

* MRP - Maximum Retail Price Inclusive of all taxes including GST.
#IK - Refer pg - 59 for ready reckoner table.

Ekinox³ TPN DB-VTPN DPX³ 160 MCCB DB's

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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IP 54 - *IK 09

5077 50	4 way	DPX ³ 160+12	27912	1
5077 51	6 way	DPX ³ 160+18	31782	1
5077 52	8 way	DPX ³ 160+24	34528	1
5077 53	12 way	DPX ³ 160+36	45486	1

Ekinox³ TPN DB-VTPN DPX³ 250 MCCB DB's

- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- With 250 A Copper Busbar for each phase
- With 2 Neutral bar, 2 Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- Improved Pan assembly for ease of installation
- Prefitted masking sheet
- Reversible Door for IP 43 & IP 54 DB's
- With provision for DPX³ 250 MCCB as incomer and SP/TP MCB's as outgoing

IP 30 - *IK 08

5077 55	4 way	DPX ³ 250+12	19514	1
5077 56	8 way	DPX ³ 250+24	20746	1
5077 57	12 way	DPX ³ 250+36	22896	1

IP 43 - *IK 09 with metal door

5077 58	4 way	DPX ³ 250+12	22204	1
5077 59	8 way	DPX ³ 250+24	25926	1
5077 60	12 way	DPX ³ 250+36	27326	1

IP 54 - *IK 09

5077 61	4 way	DPX ³ 250+12	33316	1
5077 62	8 way	DPX ³ 250+24	37628	1
5077 63	12 way	DPX ³ 250+36	44058	1

Ekinox³ TPN DB-Phase selector DB's for DX³ MCB, Isolator, RCCB and RCBO

- As per IEC 61439-3
- With inbuilt 3 nos of 63 A Phase selector switches and 3 Nos Piano Switches
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar for each phase
- With Neutral bar, Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCB's as outgoing
- Supplied with wire set

IP 30 - *IK 08

5077 70	4 way	8+12	14032	1
5077 71	6 way	8+18	14924	1
5077 72	8 way	8+24	16536	1
5077 73	12 way	8+36	18312	1

IP 43 - *IK 09 with metal door

5077 80	4 way	8+12	16090	1
5077 81	6 way	8+18	16346	1
5077 82	8 way	8+24	17512	1
5077 83	12 way	8+36	19716	1

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Ekinox³ TPN DB - 7 segment DB's

for DX³ MCB, Isolator, RCCB and RCBO

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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- As per IEC 61439-3
- Separate compartment for incomer, sub-incomer & outgoing devices
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar for each phase
- With Neutral bar, Earthbar and Cable ties for Cable management
- Fully insulated busbar & shrouded Neutral bars
- With provision for FP MCB/Isolator/RCCB/RCBO as incomer, DP RCCB/RCBO as sub incomer and SP MCB's as outgoing
- Supplied with wire set
- DB with phase segmentation and separation between incomer and outgoings

IP 30 - #IK 08

5078 80	4 way	8+12+12	10646	1
5078 81	6 way	8+12+18	11276	1
5078 82	8 way	8+12+24	12254	1
5078 83	12 way	8+12+36	14076	1

IP 43 - #IK 09 with metal door

5078 85	4 way	8+12+12	12018	1
5078 86	6 way	8+12+18	13536	1
5078 87	8 way	8+12+24	15114	1
5078 88	12 way	8+12+36	18790	1

Ekinox³ TPN DB - 7 segment DB's

for 160 A DPX³ MCCB

- As per IEC 61439-3
- DB with phase segmentation and separation between incomer and Outgoings
- Suitable for Flush Mounting and Surface Mounting
- With 100 A Copper Busbar for each phase
- With Neutral bar, Earthbar and Cable ties for Cable management
- Fully Color Shrouded Insulated bus bar and Neutral bars
- With provision for DPX³ 160 MCCB as incomer DP MCB/Isolator/RCCB/RCBO as sub incomers and SP MCB's as outgoing
- Supplied with wire set

IP 30 - #IK 08

5078 90	4 way	DPX ³	14918	1
	160+12+12			
5078 91	6 way	DPX ³	17164	1
	160+12+18			
5078 92	8 way	DPX ³	19724	1
	160+12+24			
5078 93	12 way	DPX ³	22900	1
	160+12+36			

* MRP - Maximum Retail Price Inclusive of all taxes including GST.
#IK - Refer pg - 59 for ready reckoner table.

Ekinox³ TPN DB - 7 segment DB's

for 160 A DPX³ MCCB

Cat.Nos	Number of ways	No. of modules	MRP* ₹ / Unit	Pack
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IP 43 - #IK 09 with metal door

5078 95	4 way	DPX ³	16508	1
	160+12+12			
5078 96	6 way	DPX ³	18896	1
	160+12+18			
5078 97	8 way	DPX ³	21848	1
	160+12+24			
5078 98	12 way	DPX ³	24642	1
	160+12+36			

Ekinox³ Metra plug & socket DB's

for DX³ MCB, RCCB and RCBO

Cat.Nos	Description	No. of modules	MRP* ₹ / Unit	Pack
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- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- Suitable for protection of appliances like AC/Geyser etc
- Supplied with Neutral Links
- With provision for mounting modular devices

#IK 08

5078 10	10 A SP, 2P+E	1	1828	1
5078 11	20 A SP, 2P+E	1	1970	1
5078 14	20 A DP, 2P+E	2	2140	1
5078 17	20 A TP, 3P+E	3	3626	1
5078 18	32 A TP, 3P+E	3	4302	1
5078 20	20 A DP, RCBO, 2P+E	4	2070	1
5078 21	20 A FP, RCBO, 2P+E	8	3620	1
5078 22	32 A FP, RCBO, 3P+E	8	4270	1

Ekinox³ P-17 Tempra plug & socket DB's

for DX³ MCB, RCCB and RCBO

- As per IEC 61439-3
- Suitable for Flush Mounting and Surface Mounting
- Supplied with Neutral Links
- With provision for mounting modular devices

#IK 08

5078 60	16 A 2P+E-DP	2	2988	1
5078 63	32 A 2P+E-DP	2	3226	1
5078 61	32 A 3P+E-FP	8	5406	1
5078 62	32 A 3P+N+E-FP	8	5468	1
5078 64	63 A 3P+N+E-FP	8	13608	1

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Ekinox³ Metal enclosures

for DX³ MCB, RCCB, RCBO and DPX³ MCCB's

Cat.Nos	Description	No. of modules	MRP* ₹ / Unit	Pack
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• As per IEC 61439-3

• For independent mounting of DX³ MCB, RCCB, RCBO, DPX³ 160, DPX³ 250, DPX³ 630 & DRX MCCB's

• #IK 08

#IK 08

5077 90	SP enclosure	1	498	1
5077 91	DP enclosure	2	726	1
5077 92	TP enclosure	3	726	1
5077 93	FP enclosure	4	726	1
5077 94	FP RCBO enclosure	8	1224	1

Metal one way enclosures for MCCB

5078 01	DPX ³ 160 MCCB enclosure	3&4	4080	1
5078 02	DPX ³ 250 MCCB enclosure	3&4	7246	1
5078 04	DPX ³ 630 MCCB enclosure	3&4	10984	1
5078 05	DRX 100 MCCB enclosure-TP	3	2180	1
5078 06	DRX 100 MCCB enclosure-FP	4	2056	1

Ekinox³ cable end box

Cat.Nos	Description	MRP* ₹ / Unit	Pack
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• Useful for keeping extra cables

• Possible to mount on the top or bottom of the DB

• Provision for mounting terminal blocks

• Can be used as a terminal box adaptor also

For IP 30 DB's

5079 10	For SPN 4 W IP30	714	1
5079 12	For SPN 8 W IP30	822	1
5079 14	For SPN 12 W/ VTPN/Flexy	900	1
5079 16	For SPN 16 W/ ETPN 6 way DB	1258	1
5079 25	For ETPN 8 way DB	2270	1
5079 27	For ETPN 12 way DB	2996	1
5079 29	For ETPN 16 way DB	3026	1
5079 31	For ETPN 18 way DB	3308	1
5079 33	For ETPN 20 way DB	3328	1
5079 35	For ETPN 4 way VTPN/FLEXy MCB	900	1
5079 37	For all VTPN MCCB DBS	3344	1

For IP 43 DB's

5079 11	For SPN 4 way DB	798	1
5079 13	For SPN 8 way DB	956	1
5079 15	For SPN 12 way/ VTPN/Flexy DB	1072	1

* MRP - Maximum Retail Price Inclusive of all taxes including GST.

#IK - Refer pg - 59 for ready reckoner table.

Ekinox³ cable end box

Cat.Nos	Description	MRP* ₹ / Unit	Pack
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For IP 43 DB's

5079 17	For SPN 16 way/ ETPN 6 way DB	1520	1
5079 18	For SPN 18 way DB	1552	1
5079 19	For SPN 20/ETPN 8 way DB	1590	1
5079 28	For ETPN 12 way DB	3444	1
5079 30	For ETPN 16 way DB	3476	1
5079 32	For ETPN 18 way DB	3798	1
5079 34	For ETPN 20 way DB	3822	1
5079 36	For all ETPN 4W/VTPN/Flexy MCB	1072	1
5079 38	For all VTPN MCCB DBs	3838	1
5079 00	For 7 segment 4 way DB	3540	1
5079 01	For 7 segment 6 way DB	3882	1
5079 02	For 7 segment 8 way DB	4332	1
5079 03	For 7 segment 12 way DB	4894	1

Ekinox³ DBs

meter box

• Suitable for Mounting DX³ Metering products

• Possible to mount on the top or bottom of the DB

• Provision for mounting Ammeter/Voltmeter/ASS/VSS

• #IK09

Provision for mounting meters

5079 40	For VTPN MCB INCOM IP 30	4510	1
5079 41	For VTPN MCB INCOM IP 43	5416	1
5079 42	For VTPN MCCB INCOM IP 30	5014	1
5079 43	For VTPN MCCB INCOM IP 43	6190	1

Per phase Isolation kit

5079 44	PPI conversion kit for ETPN 4 way DB	2640	1
5079 45	PPI conversion kit for ETPN 6 way DB	2976	1
5079 46	PPI conversion kit for ETPN 8 way DB	3442	1
5079 47	PPI conversion kit for ETPN 12 way DB	3838	1
5079 48	PPI conversion kit for ETPN 16 way DB	4310	1

Panel locks

5079 52	Panel knob for IP 43	296	1
5079 51	Panel knob with key	606	1

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Ekinox™ distribution boards

Cat.Nos	Number of ways	MRP* ₹ / Unit	Pack
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Plexo3 boxes for DX³

Self-extinguishing: resistance to incandescent wire 650 °C

Conform to EN 60439-3

Weatherproof cabinets - IP 65 - IK 09 - Class II

Door and cabinet fully reversible

Removable chassis and faceplates from 2-row versions up

2-position rail for modular products and moulded cases

Spacing between rails 150 mm

Box colour light grey L750A, cover colour dark grey R746A



6019 94

6019 32	2 (+1) Module	1754	1
6019 94	4 Module	1870	1
6019 96	6 Module	2142	1
6019 98	8 Module	2678	1



6018 32

Cabinets with 12 modules per row

6018 31	1 row 12 modules	4218	1
6018 32	2 rows 24 modules	5850	1
6018 33	3 rows 36 modules	8154	1

Cabinets with 18 modules per row

6018 35	18 modules x 1 row	5202	1
6018 36	18 modules x 2 rows	8998	1
6018 37	18 modules x 3 rows	12654	1
6018 38	18 modules x 4 rows	19690	1



6018 32 +
0019 17

Multifunction sleeves for P17

0019 17	For 2 row cabinets	3410	1
0019 18	For 3 row cabinets	5112	1
0019 67	Joining kit	996	1

Ekinox[™]
Smart Solutions

Metra Plug & Socket DB's

The Right Choice for all your application needs



Note: For Plexo3 Box with integrated Neutral & Earth Bars contact nearest Sales Office

* MRP - Maximum Retail Price Inclusive of all taxes including GST.

Refer instruction manual for MIVAN (Aluminum shuttering) compatible DB's

Distribution boards

Cat.Nos	No. of devices connected	No. of 17.5 mm modules	MRP* ₹ / Unit	Pack
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Supply busbars - insulated

63 A copper

Pin type

SP I/C & SP O/G

4049 26	13	13	346	1
4049 37	57	57	1344	1

SPN I/C & SPN O/G

4049 38	6	12	610	1
4049 39	28	56	2514	1

TPN I/C & SPN O/G

4049 40	5	12	626	3/30
4049 41	27	56	6140	5/10

TP I/C & TP O/G

4049 42	4	12	630	1
4049 43	19	57	6172	1

FP I/C & FP O/G

4049 44	3	12	1514	3/30
4049 45	14	56	6140	5/10

Fork type

SP I/C & SP O/G

4049 11	13	12	346	1
4049 12	57	57	1316	1

SPN I/C & SPN O/G250

4049 14	28	56	2514	1
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TP I/C & TP O/G

4049 17	4	12	626	1
4049 18	19	57	6140	1

FP I/C & FP O/G

4049 20	14	56	6140	5/10
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Cat.Nos	Description	MRP* ₹ / Unit	Pack
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Accessories for fork and pin type busbars

4049 89	End caps for SP	8	6
4049 90	End caps for DP & TP	40	6
4049 91	End caps for FP	76	20/840

Cat.Nos	Number of ways	MRP* ₹ / Unit	Pack
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Blanking plates

6014 70	-	14	10
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Ekinox³

For converting ETPN DB to PPI DB

PPI DB IP 30 - IK 08

No. of ways	Combine ETPN DB	PPI Kit	No. of modules
4 way	4 way 507660	4 way kit 507944	8+12
6 way	6 way 507661	6 way kit 507945	8+18
8 way	8 way 507662	8 way kit 507946	8+24
12 way	12 way 507663	12 way kit 507947	8+36
16 way	16 way 507664	16 way kit 507948	8+48

PPI DB IP 43 - IK 09 with metal door

No. of ways	Combine ETPN DB	PPI Kit	No. of modules
4 way	4 way 507670	4 way kit 507944	8+12
6 way	6 way 507671	6 way kit 507945	8+18
8 way	8 way 507672	8 way kit 507946	8+24
12 way	12 way 507673	12 way kit 507947	8+36
16 way	16 way 507674	16 way kit 507948	8+48

PPI DB IP 43 - IK 09 with acrylic door

No. of ways	Combine ETPN DB	PPI Kit	No. of modules
4 way	4 way 507680	4 way kit 507944	8+12
6 way	6 way 507681	6 way kit 507945	8+18
8 way	8 way 507682	8 way kit 507946	8+24
12 way	12 way 507683	12 way kit 507947	8+36
16 way	16 way 507684	16 way kit 507948	8+48

PPI DB IP 54 - IK 09

No. of ways	Combine ETPN DB	PPI Kit	No. of modules
4 way	4 way 507690	4 way kit 507944	8+12
6 way	6 way 507691	6 way kit 507945	8+18
8 way	8 way 507692	8 way kit 507946	8+24
12 way	12 way 507693	12 way kit 507947	8+36
16 way	16 way 507694	16 way kit 507948	8+48

IK

Protection against mechanical impact: protection index - IK

According to standard:

IEC 62262, BS EN 62262 and NF EN 62262

• This table can be used to ascertain the resistance of a product to an impact given in Joules from the IK code (graduated from 00 to 10)

It can also be used to ascertain the correspondence with the old IP code 3rd digit and the corresponding external "Ag" conditions

IK	Tests	Impact energy (in Joules)	"AG" of NF C 15-100
IK 00		0	
IK 01		0.15	
IK 02		0.2	AG1
IK 03		0.35	
IK 04		0.5	
IK 05		0.7	
IK 06		1	
IK 07		2	AG2
IK 08		5	AG3
IK 09		10	
IK 10		20	AG4

IPXX

Index of protection

IP*** index of protection of enclosures of electrical equipment in accordance with standards IEC 529, BS 5490, DIN 400 50 and NF C 20-010
Up to 1000 V± and 1500 V= (standard UTE C 20 010)

1st figure:- protection against solid bodies

IP	tests	
0		No protection
1		Protected against solid bodies larger than 50 mm (eg.: accidental contact with the hand)
2		Protected against solid bodies larger than 12 mm (eg.: finger)
3		Protected against solid bodies larger than 2.5 mm (eg.: tools, wires)
4		Protected against solid bodies larger than 1 mm (eg.: fine tools and small wires)
5		Protected against dust (no harmful deposit)
6		Completely protected against dust

2nd figure:- protection against liquids

IP	tests	
0		No protection
1		Protected against vertically-falling drops of water (condensation)
2		Protected against drops of water falling at up to 15° from the vertical
3		Protected against drops of rain water at up to 60° from the vertical
4		Protected against projections of water from all directions
5		Protected against jets of water from all directions
6		Protected against jets of water of similar force to heavy seas
7		Protected against the effects of immersion
8		Protected against prolonged effects of immersion under pressure

The contents of all the above charts are for guidance only, if you have any doubt as to the interpretation of the information contained therein, please refer either to the standard itself or contact Legrand.

In accordance with our policy of continuous improvement, Legrand reserves the right to change specifications and designs without notice. All information given here is correct at the time of going to press.