

# Disbo *Extra*<sup>TM</sup>

*Three Phase*



where  
*Safety*  
meets  
*Design*



Under License of  
**Schneider**  
Electric

# Optimum safety

*for both installer and end-user*

## The guarantee of complete safety for people



Disbo *Extra*<sup>™</sup> is fully isolated. Equipped with a completely insulated busbar, and a shrouded incomer neutral, direct contact to live parts is impossible.

Disbo *Extra*<sup>™</sup> is a tamperproof equipment: thanks to screws hidden under the cover, access to internal live parts is prevented when door is locked.

Padlock facilities on all incoming and outgoing devices allow safe maintenance.

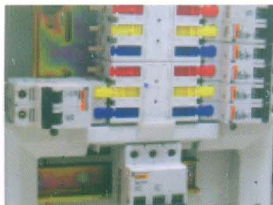
## Type tested certification for performance you can trust



The tests conducted by ASTA independent laboratory (UK), guarantee Disbo *Extra*<sup>™</sup> electrodynamic withstand and temperature rise limit, in association with Merlin Gerin switchgear range.

Disbo *Extra* complies with IEC 60439-3 standard.

## Isobar<sup>™</sup>: a higher level of safety



Isobar<sup>™</sup> pan assembly is ideal for all applications needing continuity of service such as hospitals, hotels, military bases...

As an option of Disbo *Extra*<sup>™</sup>, Isobar<sup>™</sup> is available in all number of feeders.

All Isobar<sup>™</sup> pan assemblies include the unique Isobar<sup>™</sup> way disconnecter feature which offers the highest level of safety through electrical isolation of unused ways.

Isobar<sup>™</sup> removes the need of "busbar boots" and provides high level of protection against direct contact with live parts, for safe maintenance, testing and commissioning.



# Ergonomics and accessibility

Disbo *Extra*<sup>TM</sup> architecture ensures extremely simple installation and connection for the installer.

Central hole in the box make easier the installation in the wall.

Enough space is provided to give good visibility and make cable insertion easy and effective.

Neutral bar is available in both sides.

Enclosure is designed for convenient and fast wall mounting, with its numerous possibilities for cable inlet and easy knock-out.

Clear labels make easier identification of outgoing circuit breakers, earth and neutral

# Ease of implementation

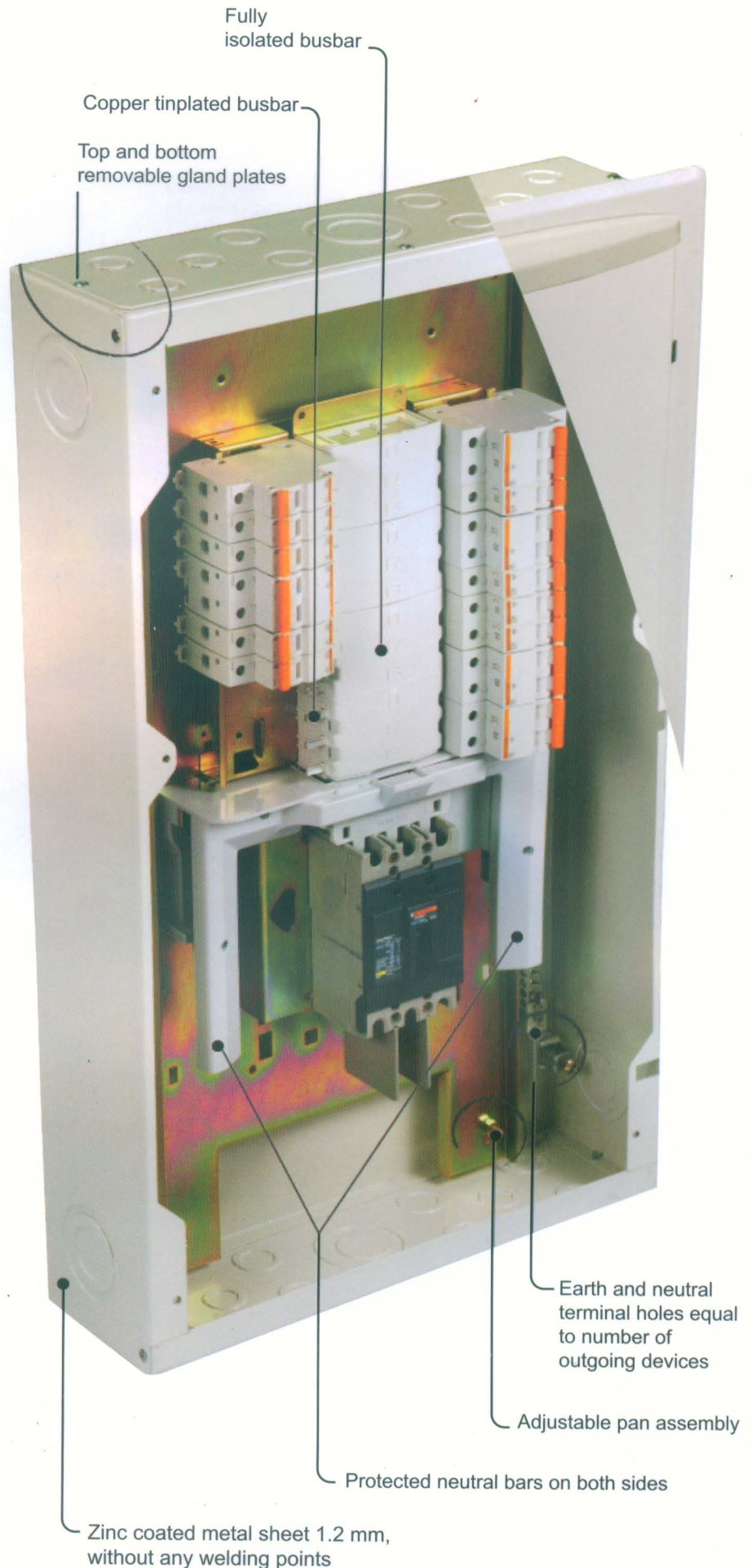
Disbo *Extra*<sup>TM</sup> is easy to carry and store. Thanks to the unique design of its carton box.



The carton pad provided can be used both as a template and a cement spill protection.



During enclosure installation, the front door and the pan assembly can be repacked and protected inside the carton box.



# Define your Disbo *Extra*<sup>TM</sup>

## Enclosures

<b>DBX</b>	<b>3</b>	<b>12</b>	<b>M</b>	<b>I</b>	<b>100</b>	<b>S</b>
<b>Distribution Board</b>		<b>Number of Ways</b>			<b>Ampere Rating</b>	<b>Option</b>
X: Disbo Extra		12: 12 ways 18: 18 ways 24: 24 ways 30: 30 ways 36: 36 ways 42: 42 ways 48: 48 ways 54: 54 ways			40: 40 A 60: 60 A 100: 100 A 125: 125 A 150: 150 A 160: 160 A 175: 175 A 200: 200 A 225: 225 A 250: 250 A	Blank: Flush S: Surface C: Color I: Isobar KR: Industrial
	<b>Number of Phases</b>		<b>Incomer</b>	<b>Incoming Device Type</b>		
	3: 3 phases		M: Breaker provided X: Breaker provision only	EZ: EZ100 NB: NB250 NS: NS100, NS160 & NS250		I: 1100 switch R3: RCCB 300 mA

## Accessories

Item	Reference	Item	Reference	Item	Reference
Key lock standard	DBXKEYSTD	Additional blank plates	DBXBLKPLT	Identification labels	DBXIDFLBL
Key lock square	DBXKEYSQD				

## Outgoing Miniature Circuit Breakers

Standard protection				High protection				Full protection		
Domae				C60N 10 KA				C60H RCBO 10 KA		
Rating	Number of poles			Rating	Number of poles			Rating	Cat. Number	
(A)	1 P	2 P	3 P	(A)	1 P	2 P	3 P	(A)	30mA	100mA
6	17044	17058	17078	6	24399	24335	24348	6	26857	26864
10	17045	17059	17079	10	24401	24336	24349	10	26858	26865
16	17046	17060	17080	16	24403	24337	24350	16	26859	26866
20	17047	17061	17081	20	24404	24338	24351	20	26860	26867
25	17048	17062	17082	25	24405	24339	24352	32	26861	26868
32	17049	17063	17083	32	24406	24340	24353	40	26862	26869
40	17050	17064	17084	40	24407	24341	24354	45	26863	26870
				50	24408	24342	24355			
				63	24409	24343	24356			

## Dimensions

Define your enclosure Size Type according to your needs of ways and incomers.

Number of ways	MCB 125 A	MCCB 125 A	MCCB 250 A
12	B	B	-
18	B	C	C
24	B	C	C
30	C	D	D
36	C	D	D
42	C	D	D
48	D	E	E
54	D	E	E

**Enclosures dimensions: (in mm)**

Flush Size type	H	h	L
B	570	530	440
C	730	690	440
D	890	850	440
E	1040	1000	440

Surface Size type	H	h	L
B	545	530	410
C	705	690	410
D	865	850	410
E	1015	1000	410

## JEI Switchgear (Pvt) Limited

### HEAD OFFICE

10-A, Fazil Road Lahore Cantt, Lahore-54810, Pakistan.

Tel: +92 42 366 87 931 - 3  
Fax: +92 42 366 86 200

E-mail: info@jei.com.pk  
URL: www.jei.com.pk

### REGIONAL OFFICE

29/3, I&T Centre, G-8/4 Islamabad, Pakistan.

Tel: +92 51 285 4207  
Fax: +92 51 285 4208

E-mail: isb@jei.com.pk

### FACTORY

23-km, Multan Road, (Chung) Lahore-53800, Pakistan.

Tel: +92 42 375 10 222 / 333  
Fax: +92 42 375 10 334

E-mail: works@jei.com.pk