

# MODULAR **ELSTEEL** ENCLOSURES



*Motor Control  
and Power Distribution*

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Trade Enquiries Welcome



**ATI Systems**

## ELSTEEL Enclosure - Mild Steel

### Mild Steel orange wall-mounting enclosure

Door opens to left or right  
IP65 enclosure  
Supplied with aluzinc mounting plate and wall mounting brackets  
Colour : Orange (RAL 2000 Texture)



ESOT

Part No.	Description	Type
<b>ESOT0202015B</b>	<b>MS BOX 200x200x150 IP65</b>	<b>BOX 2.2-150 (V2) /2000 FINE TX</b>
<b>ESOT0203015B</b>	<b>MS BOX 200x300x150 IP65</b>	<b>BOX 2.3-150 (V2) /2000 FINE TX</b>
<b>ESOT0253015B</b>	<b>MS BOX 250x300x150 IP65</b>	<b>BOX 2,5,3-150(V2)/2000 FINE TX</b>
<b>ESOT0303015B</b>	<b>MS BOX 300x300x150 IP65</b>	<b>BOX 3.3-150 (V2) /2000 FINE TX</b>
<b>ESOT0303020B</b>	<b>MS BOX 300x300x200 IP65</b>	<b>BOX 3.3-200 (V2) /2000 FINE TX</b>
<b>ESOT0304015B</b>	<b>MS BOX 300x400x150 IP65</b>	<b>BOX 3.4-150 (V2) /2000 FINE TX</b>
<b>ESOT0304020B</b>	<b>MS BOX 300x400x200 IP65</b>	<b>BOX 3.4-200 (V2) / 2000 FINE TX</b>
<b>ESOT0404020B</b>	<b>MS BOX 400x400x200 IP65</b>	<b>BOX 4.4-200 (V2) /2000 FINE TX</b>
<b>ESOT0405020B</b>	<b>MS BOX 400x500x200 IP65</b>	<b>BOX 4.5-200 (V2) /2000 FINE TX</b>
<b>ESOT0405025B</b>	<b>MS BOX 400x500x250 IP65</b>	<b>BOX 4.5-250 (V2) /2000 FINE TX</b>
<b>ESOT0406020B</b>	<b>MS BOX 400x600x200 IP65</b>	<b>BOX 4.6-200 (V2) /2000 FINE TX</b>
ESOT0505020B	MS BOX 500x500x200 IP65	BOX 5.5-200 (V2) /2000 FINE TX
<b>ESOT0507020B</b>	<b>MS BOX 500x700x200 IP65</b>	<b>BOX 5.7-200 (V2) /2000 FINE TX</b>
<b>ESOT0507025B</b>	<b>MS BOX 500x700x250 IP65</b>	<b>BOX 5.7-250 (V2) /2000 FINE TX</b>
<b>ESOT0606020B</b>	<b>MS BOX 600x600x200 IP65</b>	<b>BOX 6.6-200 (V2) /2000 FINE TX</b>
<b>ESOT0606030B</b>	<b>MS BOX 600x600x300 IP65</b>	<b>BOX 6.6-300 (V2) /2000 FINE TX</b>
<b>ESOT0608020B</b>	<b>MS BOX 600x800x200 IP65</b>	<b>BOX 6.8-200 (V2) /2000 FINE TX</b>
<b>ESOT0608025B</b>	<b>MS BOX 600x800x250 IP65</b>	<b>BOX 6.8-250 (V2) /2000 FINE TX</b>
<b>ESOT0608030B</b>	<b>MS BOX 600x800x300 IP65</b>	<b>BOX 6.8-300 (V2) /2000 FINE TX</b>
<b>ESOT0808030B</b>	<b>MS BOX 800x800x300 IP65</b>	<b>BOX 8.8-300 (V2) /2000 FINE TX</b>
<b>ESOT0810025B</b>	<b>MS BOX 800x1000x250 IP65</b>	<b>BOX 8.10-250 (V2)/2000 FINE TX</b>
<b>ESOT0810030B</b>	<b>MS BOX 800x1000x300 IP65</b>	<b>BOX 8.10-300 (V2)/2000 FINE TX</b>
<b>ESOT08120030B</b>	<b>MS BOX 800x1200x300 IP65</b>	<b>BOX 8.12-300 (V2)/2000 FINE TX</b>

### Mild Steel grey wall-mounting enclosure

Door opens to left or right  
IP65 enclosure  
Supplied with aluzinc mounting plate and wall mounting brackets  
Colour : Grey (RAL 7035 Texture)



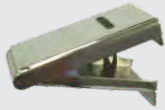
ESGT



Part No.	Description	Type
<b>ESGT0202015</b>	<b>MS BOX 200x200x150 IP65</b>	<b>BOX 2.2-150 (V2) /7035 FINE TX</b>
<b>ESGT0203015B</b>	<b>MS BOX 200x300x150 IP65</b>	<b>BOX 2.3-150 (V2) /7035 FINE TX</b>
<b>ESGT0253015B</b>	<b>MS BOX 250x300x150 IP65</b>	<b>BOX 2,5,3-150(V2)/7035 FINE TX</b>
<b>ESGT0303015B</b>	<b>MS BOX 300x300x150 IP65</b>	<b>BOX 3.3-150 (V2) /7035 FINE TX</b>
<b>ESGT0303020B</b>	<b>MS BOX 300x300x200 IP65</b>	<b>BOX 3.3-200 (V2) /7035 FINE TX</b>
<b>ESGT0304015B</b>	<b>MS BOX 300x400x150 IP65</b>	<b>BOX 3.4-150 (V2) /7035 FINE TX</b>
<b>ESGT0304020B</b>	<b>MS BOX 300x400x200 IP65</b>	<b>BOX 3.4-200 (V2) /7035 FINE TX</b>
<b>ESGT0404020B</b>	<b>MS BOX 400x400x200 IP65</b>	<b>BOX 4.4-200 (V2) /7035 FINE TX</b>
ESGT0405020B	MS BOX 400x500x200 IP65	BOX 4.5-200 (V2) /7035 FINE TX
<b>ESGT0405025B</b>	<b>MS BOX 400x500x250 IP65</b>	<b>BOX 4.5-250 (V2) /7035 FINE TX</b>
<b>ESGT0406020B</b>	<b>MS BOX 400x600x200 IP65</b>	<b>BOX 4.6-200 (V2) /7035 FINE TX</b>
<b>ESGT0505020B</b>	<b>MS BOX 500x500x200 IP65</b>	<b>BOX 5.5-200 (V2) /7035 FINE TX</b>
<b>ESGT0507025B</b>	<b>MS BOX 500x700x250 IP65</b>	<b>BOX 5.7-250 (V2) /7035 FINE TX</b>
<b>ESGT0606030B</b>	<b>MS BOX 600x600x300 IP65</b>	<b>BOX 6.6-300 (V2) /7035 FINE TX</b>
<b>ESGT0608030B</b>	<b>MS BOX 600x800x300 IP65</b>	<b>BOX 6.8-300 (V2) /7035 FINE TX</b>
<b>ESGT0808030B</b>	<b>MS BOX 800x800x300 IP65</b>	<b>BOX 8.8-300 (V2) /7035 FINE TX</b>
ESGT0810025B	MS BOX 800x1000x250 IP65	BOX 8.10-250 (V2)/7035 FINE TX
<b>ESGT0810030B</b>	<b>MS BOX 800x1000x300 IP65</b>	<b>BOX 8.10-300 (V2)/7035 FINE TX</b>

All **bold** items in stock.

## ELSTEEL Accessories



BCOV



ID

### Accessories

Part No.	Description	Type
<b>BCOV</b>	<b>PAD LOCKABLE BOX LOCK COVER</b>	<b>BCOV</b>

### Mild Steel Inner door white RAL 9010

Supplied with mounting material  
 Colour: white

Part No.	Description	Type
<b>ID 3.3</b>	<b>INTERNAL DOOR 300 × 300</b>	<b>ID 3.3</b>
<b>ID 3.4</b>	<b>INTERNAL DOOR 300 × 400</b>	<b>ID 3.4</b>
<b>ID 4.5</b>	<b>INTERNAL DOOR 400 × 500</b>	<b>ID 4.5</b>
<b>ID 4.6</b>	<b>INTERNAL DOOR 400 × 600</b>	<b>ID 4.6</b>
<b>ID 5.7</b>	<b>INTERNAL DOOR 500 × 700</b>	<b>ID 5.7</b>
<b>ID 6.6</b>	<b>INTERNAL DOOR 600 × 600</b>	<b>ID 6.6</b>
<b>ID 6.8</b>	<b>INTERNAL DOOR 600 × 800</b>	<b>ID 6.8</b>

All **bold** items in stock.



## ELSTEEL Terminal Boxes - Mild Steel



### Mild Steel Terminal Boxes

Part No.	Description
<b>EST015015080</b>	<b>TERMINAL BOX - MS - V2 150 X 150 X 80 mm RAL 7035 Fine Textured</b>
<b>EST03015080</b>	<b>TERMINAL BOX - MS - V2 300 X 150 X 80 mm RAL 7035 Fine Textured</b>
<b>EST0202080</b>	<b>TERMINAL BOX - MS - V2 200 X 200 X 80 mm RAL 7035 Fine Textured</b>
<b>EST0302080</b>	<b>TERMINAL BOX - MS - V2 300 X 200 X 80 mm RAL 7035 Fine Textured</b>
EST150150120	TERMINAL BOX - MS - V2 150 X 150 X 120 mm RAL 7035 Fine Textured
EST175175120	TERMINAL BOX - MS - V2 175 X 175 X 120 mm RAL 7035 Fine Textured
<b>EST030150120</b>	<b>TERMINAL BOX - MS - V2 300 X 150 X 120 mm RAL 7035 Fine Textured</b>
EST02020120	TERMINAL BOX - MS - V2 200 X 200 X 120 mm RAL 7035 Fine Textured
<b>EST03020120</b>	<b>TERMINAL BOX - MS - V2 300 X 200 X 120 mm RAL 7035 Fine Textured</b>
<b>EST04020120</b>	<b>TERMINAL BOX - MS - V2 400 X 200 X 120 mm RAL 7035 Fine Textured</b>
<b>EST03030120</b>	<b>TERMINAL BOX - MS - V2 300 X 300 X 120 mm RAL 7035 Fine Textured</b>

All **bold** items in stock.

## ELSTEEL Terminal Boxes - Stainless Steel

### Stainless Steel Terminal Boxes



Part No.	Description
<b>Stainless Steel 304</b>	
<b>ESTS15015080</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 150 X 150 X 80 mm</b>
<b>ESTS03015080</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 300 X 150 X 80 mm</b>
<b>ESTS0202080</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 200 X 200 X 80 mm</b>
<b>ESTS0302080</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 300 X 200 X 80 mm</b>
EST150150120	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 150 X 150 X 120 mm
ESTS17517512	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 175 X 175 X 120 mm
ESTSS03015012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 300 X 150 X 120 mm
EST0202012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 200 X 200 X 120 mm
ESTS0302012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 300 X 200 X 120 mm
<b>ESTS0402012</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 400 X 200 X 120 mm</b>
<b>ESTS0303012</b>	<b>STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 304 300 X 300 X 120 mm</b>

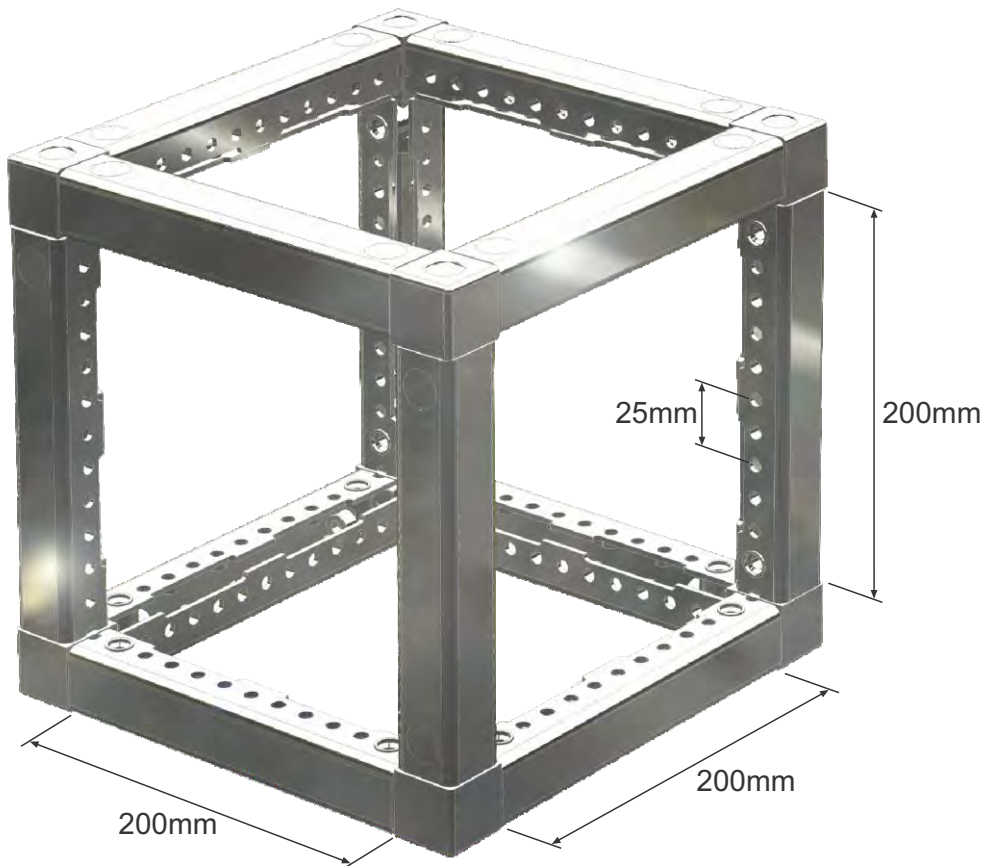
### Stainless Steel 316

ESTS15015080	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 150 X 150 X 80 mm
ESTS03015080	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 300 X 150 X 80 mm
ESTS0202080	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 200 X 200 X 80 mm
ESTS0302080	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 300 X 200 X 80 mm
ESTS15015012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 150 X 150 X 120 mm
ESTS17517512	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 175 X 175 X 120 mm
ESTS03015012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 300 X 150 X 120 mm
ESTS0202012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 200 X 200 X 120 mm
ESTS0302012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 300 X 200 X 120 mm
ESTS0402012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 400 X 200 X 120 mm
ESTS0303012	STAINLESS STEEL TERMINAL BOX IP 66 V2 - SS 316 300 X 300 X 120 mm

All **bold** items in stock.



# The Most Modular Assembly Available



Patented 200mm grid modular system.

## Verified through Full Type Tests

### Brands Tested

SCHNEIDER ELECTRIC  
ABB  
SIEMENS  
GE  
LS  
MERLIN GERIN  
MOELLER  
TERASAKI  
and more...

Extensively tested and verified to IEC 61439-1/2.

All major brands of breakers, just fits perfectly into the system.

It is the result of many years of research and development, and continuous testing at recognised test stations around the world.

**THE BEST TECHNICAL SOLUTION**



## ELSTEEL Techno Module

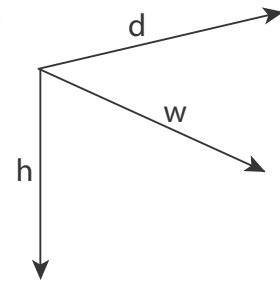
# The Toughest Framework on the Market

**All Joints Bolted  
& Torqued**

**Suitable for  
Moving Machines**



The Techno Module system is modular in steps of 200 mm in all three directions.



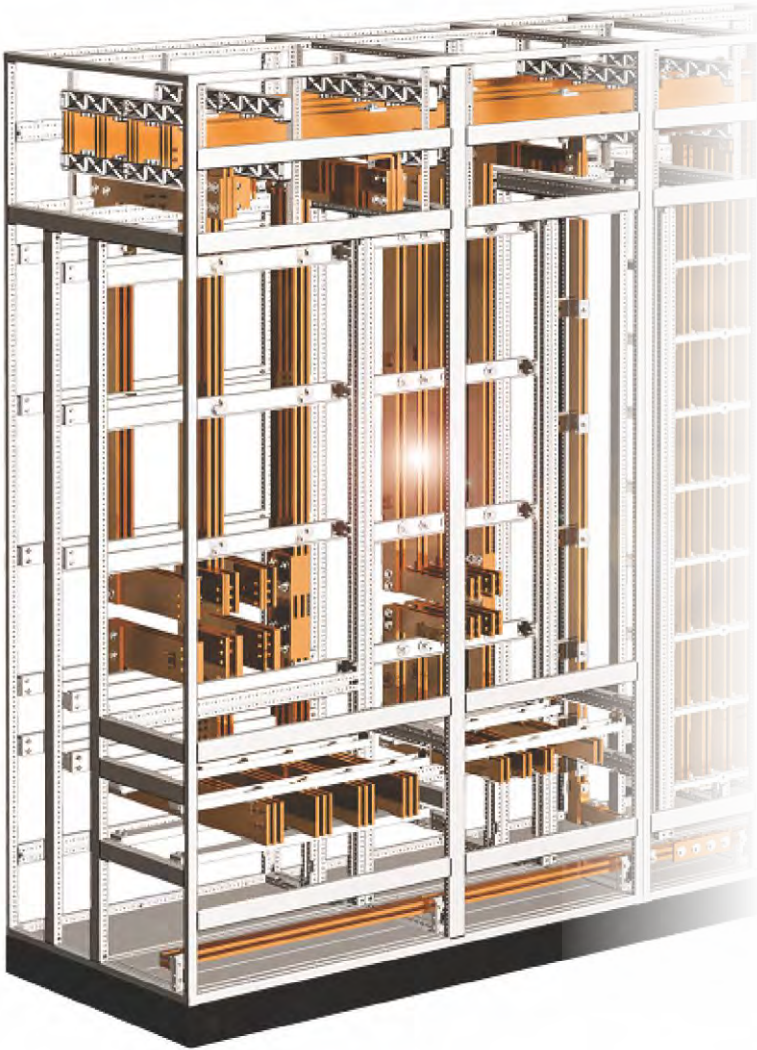
That means that there are no limit to the possibilities and positions.

The strong framework is made from profiled 2mm electro-galvanised and powder coated steel.

It forms a 25mm grid and can be arranged in an unlimited number of ways.

It rests on a modular base frame which incorporates all facilities for dividing and transportation.

## Busbars



The system uses **standard 10mm thick flat busbar.**

Tested up to 7100Amp at 100kA/1sec. & 50kA/3sec.

IEC61439-1/2

**No Special  
Copper Extrusions**

HOLDERS ARE MADE FROM  
SPECIALY FORMULATED PLASTICS,  
AND MOUNTED IN ANY POSITION  
INSIDE THE FRAMEWORK.



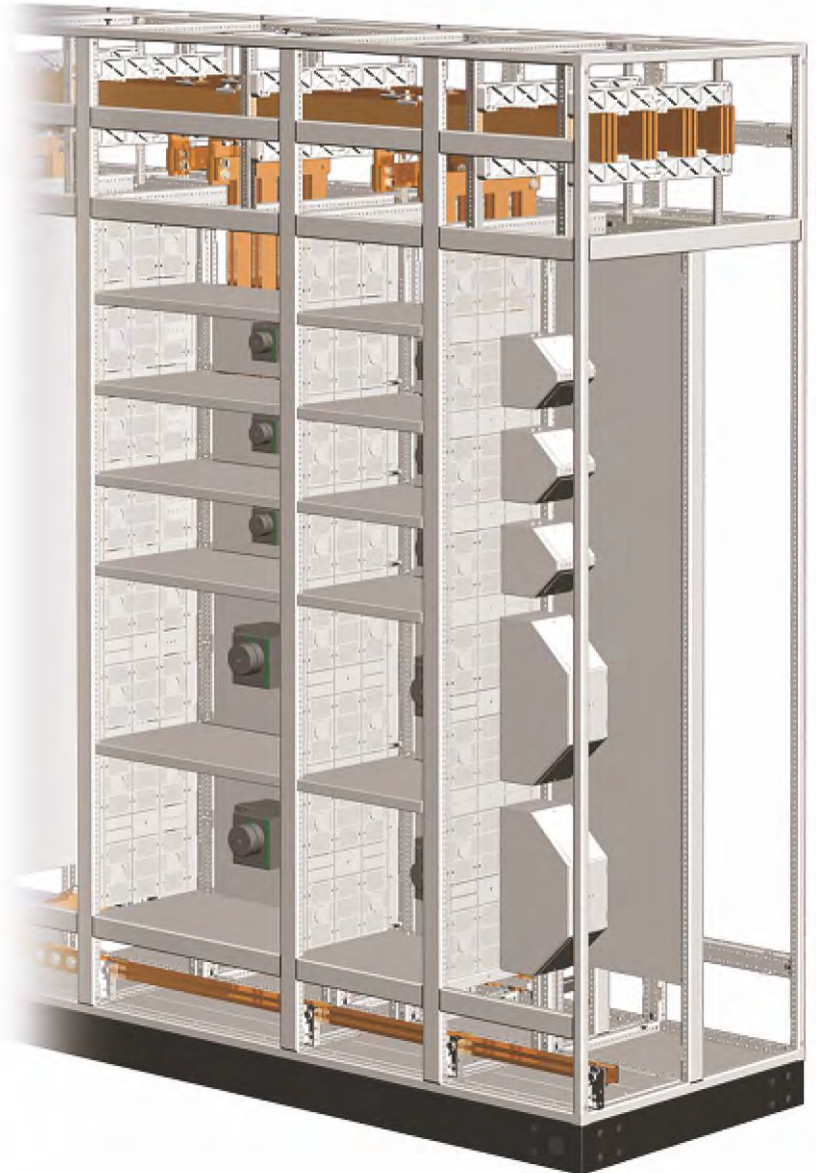


## Form 3b + 4b

The highest form of personal safety.

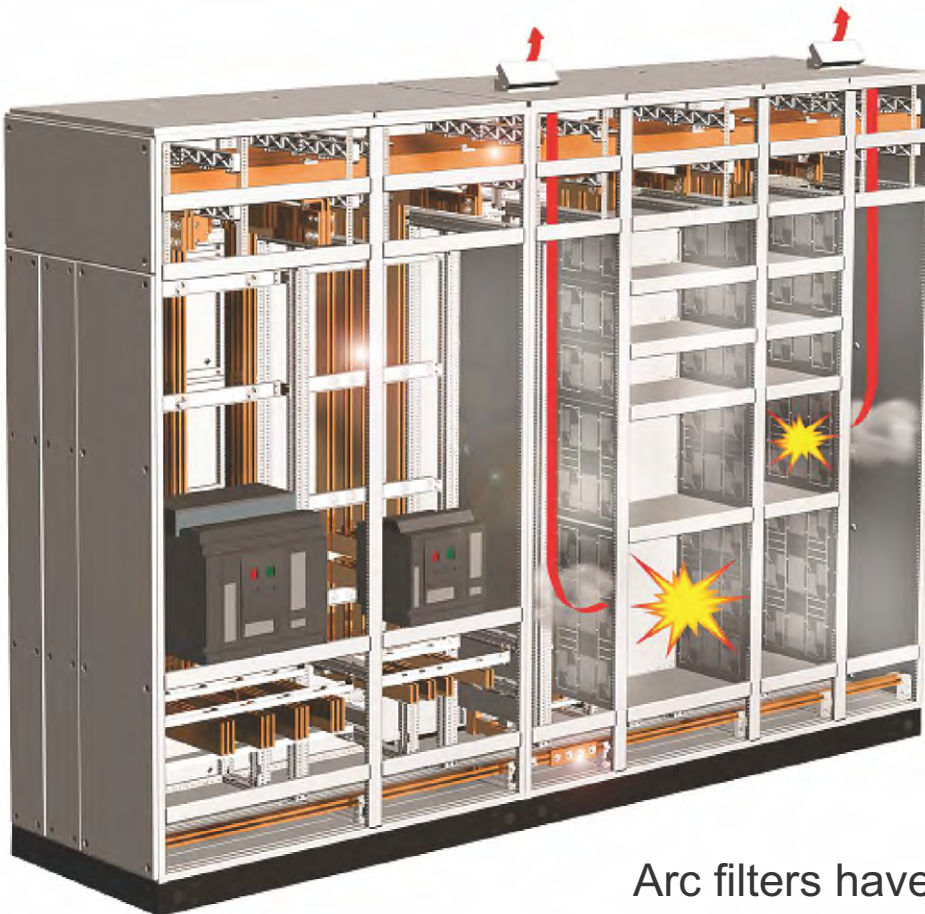
With these separation plates installed it is possible to work in one section of the panel board while the rest of the panel is live.

Special separation plates effectively prevent contamination of the whole panel board in case of an internal arc fault.





## *Internal ARC Protected*



Arc filters have been included in the design of the separation plate - just add the standard chimneys and your enclosure is arc safe.

**Ultimate in Safety**

No flames or solid objects will explode towards the operator or to adjacent sections.

**THE BEST TECHNICAL SOLUTION**



## ELSTEEL Techno Module

# Tests

Tests Performed	Certification Authority	Certificate Reference
<b>Techno Module Panels</b> Comply to IEC 60439-1 / IEC 61439-1 & 2		
01. 400A full type test with LS Breakers (Instant Panel Light)	ASTA	17013
02. 800A full type test with ABB breakers	ASTA	17545
03. 800A full type test with LS breakers (TM Light Panel)	ASTA	17012
04. 800A full type test with MG breakers (TM Light Panel)	ASTA	16899
05. 1600A full type test with ABB breakers	ASTA	17544
06. 1600A full type test with LS breakers	ASTA	17011
07. 1600A full type test with GE breakers	ASTA	16149
08. 2000A full type test with Siemens breakers	ASTA	16783
09. 2500A full type test with ABB breakers	ASTA	17742
10. 2500A full type test with ABB breakers	ASTA	17543
11. 2500A full type test with LS breakers	ASTA	17010
12. 2500A full type test with GE breakers	ASTA	16150
13. 2500A full type test with MG, ABB, Siemens, Jean Muller breakers	IPH	513.228.6.384
14. 2500A temperature rise test & short circuit test	IPH	170.265.2.230
15. 3200A full type test with MG breakers	ASTA	17615
16. 3200A full type test (AI busbar) withh ABB breakers	CPRI	S2060729
17. 3200A temperature rise test & short circuit test	ASTA	12798
18. 4000A full type test with Schneider breakers	ASTA	17756
19. 4000A full type test with ABB breakers	ASTA	17542
20. 4000A full type test with Terasaki breakers	IPH	1819.1206.5.668
21. 5000A full type test with ABB & Jean Muller breakers	IPH	1513.832.0.468
22. 5000A temperature rise test & short circuit test	ASTA	12890
23. 6300A full type test with ABB breakers	ASTA	17541
24. 6300A full type test with ABB breakers	IPH	1819.1061.3.431
25. 7100A full type test with ABB breakers	IPH	1819.1061.3.434
26. Short circuit test 50kA/1sec for 1x10x40 Cu & 1x10x30 Cu & Power Cassette unit	TCA	102602
27. Short circuit test 50kA/1sec for 2x10x40 Cu	NATA	101740-1
28. Short circuit test 50kA/1sec for 2x10x50 Cu	NEFI	1752
29. Short circuit test 50kA/3sec for 2x10x100 Cu	ASTA	14902
30. Short circuit test 100kA/1sec for 4x10x150 Cu	ASTA	15216

Tests Performed	Certification Authority	Certificate Reference
<b>Techno Module Panels</b> Comply to other standards		
01. Internal Arc fault test according to IEC 61641 & AS/NZS 3439.1 : 2002	TCA	102601 102380/ 102378
02. Vibrations test according to IEC 68-2-6 & IEC 68-2-36	VIPAC	302649-01
03. Seismic test according IEC 68-3-3	VIPAC	302649-02
04. UL/ cUL Mark for TM Panels and components	UL	E207550:Vol-2
05. Loyd's Register type approval certificate for marine, offshore and industrial applications	LLOYD'S REGISTER	02/70003 (E1)
06. ABS type approval certificate for shipboard and associated marine & offshore installation	ABS	08-SG366750-PDA
07. Russian Maritime Register of Shipping (RS) Type approval certificate for Marine use	RS	10.00001.270
08. Bureau Veritas (BV) Type Approval Certificate for Marine use	BV	22875/A0 BV
09. Det Norske Veritas (DNV) Type Approval Certificate for offshore use	DNV	E-10273

# ELSTEEL Techno Module

## Certification

**IPH BERLIN**  
Institut "Prüffeld für elektrische Hochleistungstechnik" GmbH

**TYPE TEST REPORT**

Test document No: 170.255.2.230

Client: Eric Løgstrup  
Bybjergvej 8  
DK-3060 Espergærde / Danmark

Manufacturer: ELSTEEL  
Spurroad 2, Katunayake

Equipment under test: Busbar sub-section of controlgear assembly

Type: TECNOMODULE BU

Rated characteristics:  
Rated voltage (three phase)  
Rated normal current  
Rated short-circuit withstand current  
Rated current of outgoing circuit  
Rated current of outgoing circuit  
Rated short-circuit withstand current  
Rated duration of short-circuit

Normative document: DIN VDE 0660 part 5  
IEC 439-1, edition 1999  
EN 60 439-1, edition 1999  
BS 5489 part 1

Test performed:  
- Temperature rise test  
- Verification of short-circuit  
- Verification of the enclosure

Test result: The equipment under test performed as follows:

Certificate No. 12798

**ASTA CERTIFICATION SERVICES**  
(Incorporated in the year 1938) ASTA House, Chesham Field, Rugby, CV01 3TL, England

Laboratory Ref. No. 6194-02

**CERTIFICATE OF SHORT-CIRCUIT RATING**

APPARATUS: Three Phase and Neutral Horizontal and Vertical Busbars and Incoming Circuit Connections in a Type Tested Assembly Suitable for Type TT and TN Systems.  
Rated Voltages 415/690V (U<sub>n</sub>/U<sub>i</sub>): Rated Current 3200A: Rated Frequency 50Hz.

DESIGNATION: Type "Elsteel Technomodule System 3200A"

MANUFACTURER: Elsteel Limited, Export Processing Zone, Katunayake, Sri Lanka.

TESTED BY: Falcon Testing Lab

DATE OF TESTS: 6th to 26th July 1995.

The apparatus, constructed in accordance with this Certificate, has been subjected to the tests specified in BS EN 60439-1:1994, EN 60439-1:1994

The results are shown in the Record of Proving Tests and the general performance of the apparatus and to justify the ratings assigned by the manufacturer.

Short-time and peak current withstand ratings:  
3200A Horizontal and vertical busbars  
3200A Incoming circuit connections

Three phase  
Adjacent phase and neutral

This Certificate also verifies the temperature rise test in accordance with Clause B.2.1.

The record of Proving Tests applies only to the apparatus having the same designation as the apparatus tested.

This Certificate comprises 11 pages, 1 diagram detailed on page 1.

Only integral repair (any page(s) on which the apparatus is repaired) is permitted. The use of any other repair is not permitted.

**Lloyds Register**

**Type Approval Certificate Extension**

This is to certify that Certificate No. 02/70003 for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER: Elsteel Denmark A/S  
Fabrikvej 23,  
DK-3000 Helsingør,  
Denmark

PLACE OF PRODUCTION: Elsteel Ltd,  
Spur Road 2  
LPZ, Katunayake,  
Sri Lanka

DESCRIPTION: Low voltage module

TYPE: Techno-module enclosure  
5000A  
SSC made from stainless steel

APPLICATION: Marine, offshore and other applications where a high degree of reliability is required

STANDARD: Type tested to EN 60439-1:1994  
Enclosure protection  
Enclosure protection

RATINGS: For switchboard assembly and/or incoming circuit connections and/or outgoing circuit connections on the tested items.

Certificate No. 02/70003(E1)

Issue Date 29 October 2007

Expiry Date 17 April 2012

Sheet 1 of 2

Lloyd's Register EMEA  
Strandway 104, DK-2900 Hellerup

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Independent, accredited testing station. Member laboratory of STI and IOGAV

**IPH BERLIN**

**CERTIFICATE**  
of Design Verification Tests

NO. 181921307760500

CLIENT: Elsteel (Pvt) Ltd,  
Spur Road 2, Phase-1, EPZ,  
Katunayake 11420  
SRI LANKA

MANUFACTURER: Elsteel (Pvt) Ltd,  
Spur Road 2,  
LPZ, Katunayake,  
SRI LANKA

TEST OBJECT: Power switchgear and controlgear assembly

TYPE: 2500A ELSTEEL TECHNO MODULE MDB

Test sample: Form 4-2

Test sample	Serial No.	Rated Characteristics Given by the Client
Rated operational voltage	U <sub>n</sub>	415 V, AC
Rated insulation voltage	U <sub>i</sub>	690 V, AC
Rated impulse withstand voltage	U <sub>imp</sub>	8 kV
Rated current of the assembly	I <sub>n</sub>	2500 A
Rated conditional short-circuit current	I <sub>cc</sub>	50 kA
Rated peak withstand current	I <sub>pw</sub>	176 kA
Rated short-time withstand current / outdoor	I <sub>st</sub>	55/30 kA, 1 s
Rated short-time withstand current / assembly	I <sub>sw</sub>	50 kA, 1 s
Rated frequency	f <sub>n</sub>	50 Hz
Degree of protection of enclosure internal separation		IP31 Form 4-2

IEC 61439-1:2011-08  
IEC 61439-2:2011-08

NORMATIVE DOCUMENT

Verification of:  

- strength of internal and parts
- degree of protection of enclosures
- clearances and creepage distances
- protection against electric shock and integrity of protective circuits
- dielectric properties
- temperature rise
- non-circuit withstand strength
- electromagnetic compatibility (EMC)
- mechanical operation

RANGE OF TESTS PERFORMED

DATE OF TEST: 14 August to 30 October 2013

TEST RESULT: The tests for design verification related to the scope of tests have been PASSED.

RONALD BORCHERT  
Senior engineer  
Berlin, 05 December 2013

LARS EBERSCHÜTZ  
IPH engineer in charge

**IPH BERLIN**

IPH (Prüffeld für elektrische Hochleistungstechnik) GmbH, Berlin, Germany  
IPH (Prüffeld für elektrische Hochleistungstechnik) GmbH, Berlin, Germany  
IPH (Prüffeld für elektrische Hochleistungstechnik) GmbH, Berlin, Germany

**DAkkS**  
Certified Accredited Management System





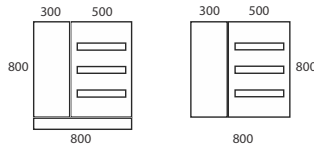
# ELSTEEL Standard DB



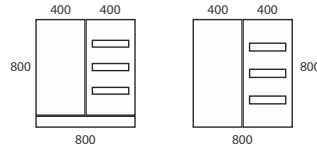
## Elsteel Standard Box DB

Part No.	Description	Rows	No of ways
DB4.4	Elsteel MS Box 400x400x200	2x18	36
DB4.6	Elsteel MS Box 400x600x200	3x18	54
DB6.6	Elsteel MS Box 600x600x200	3x29	87
DB6.8	Elsteel MS Box 600x800x200	5x29	145

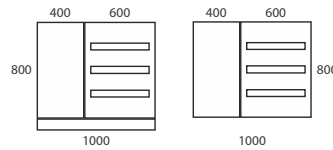
## Elsteel Distribution board DB2



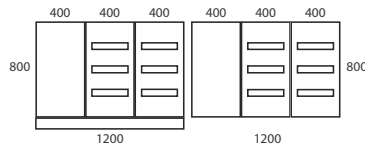
Size (H x W x D)	No of Ways
800x800x300	69



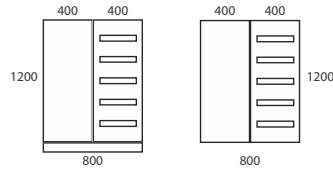
Size (H x W x D)	No of Ways
800x800x300	54



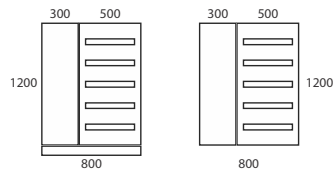
Size (H x W x D)	No of Ways
800x1000x300	87



Size (H x W x D)	No of Ways
800x1200x300	108



Size (H x W x D)	No of Ways
1200x800x300	90

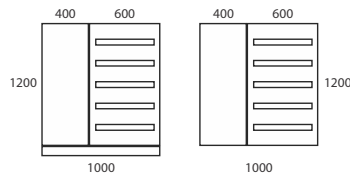


Size (H x W x D)	No of Ways
1200x800x300	115

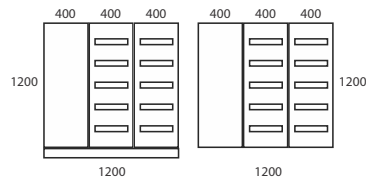


# ELSTEEL Distribution Board DB2

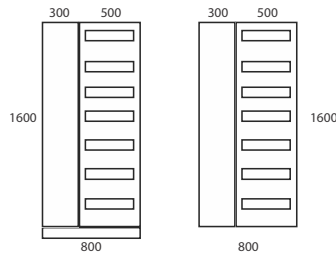
## Elsteel Distribution board DB2



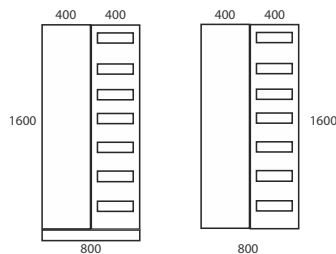
Size (H x W x D)	No of Ways
1200x1000x300	145



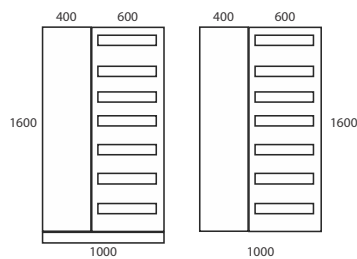
Size (H x W x D)	No of Ways
1200x1200x300	180



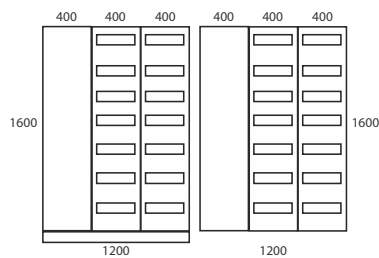
Size (H x W x D)	No of Ways
1600x800x300	161



Size (H x W x D)	No of Ways
1600x800x300	126



Size (H x W x D)	No of Ways
1600x1000x300	203

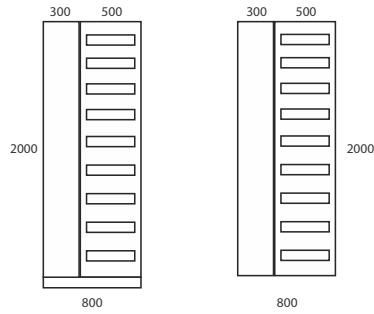


Size (H x W x D)	No of Ways
1600x1200x300	252

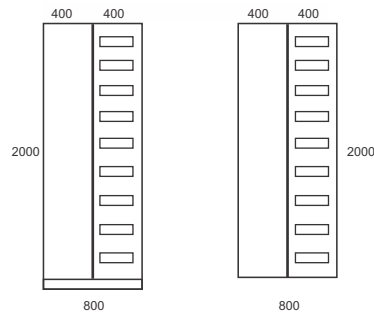


# ELSTEEL Distribution Board DB2

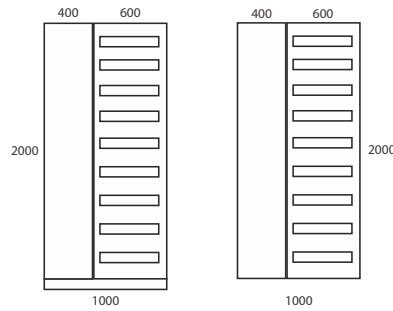
## Elsteel Distribution board DB2



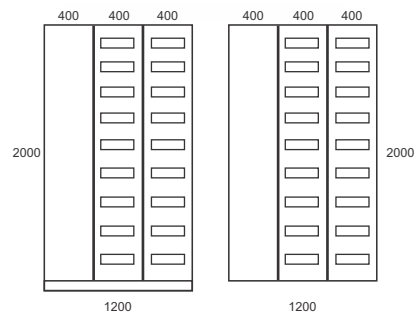
Size (H x W x D)	No of Ways
2000x800x300	207



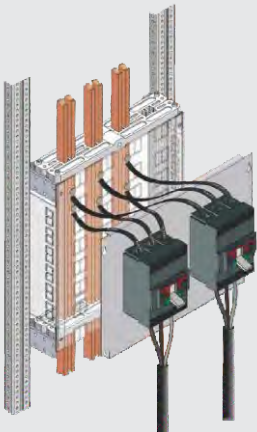
Size (H x W x D)	No of Ways
2000x800x300	162



Size (H x W x D)	No of Ways
2000x1000x300	261



Size (H x W x D)	No of Ways
2000x1200x300	324





# ELSTEEL Welded Orange DB

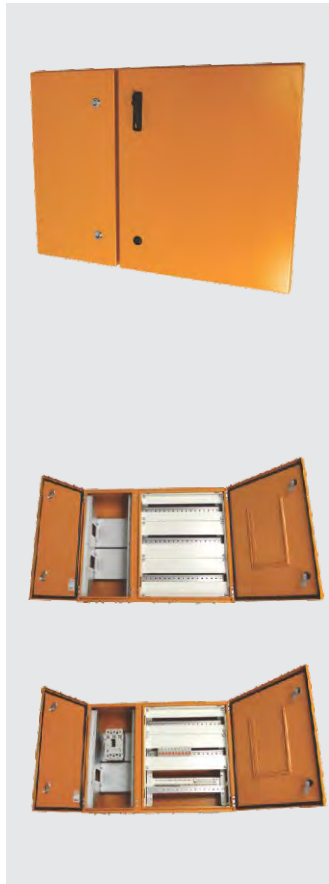
Mild Steel RAL2000

Padlockable

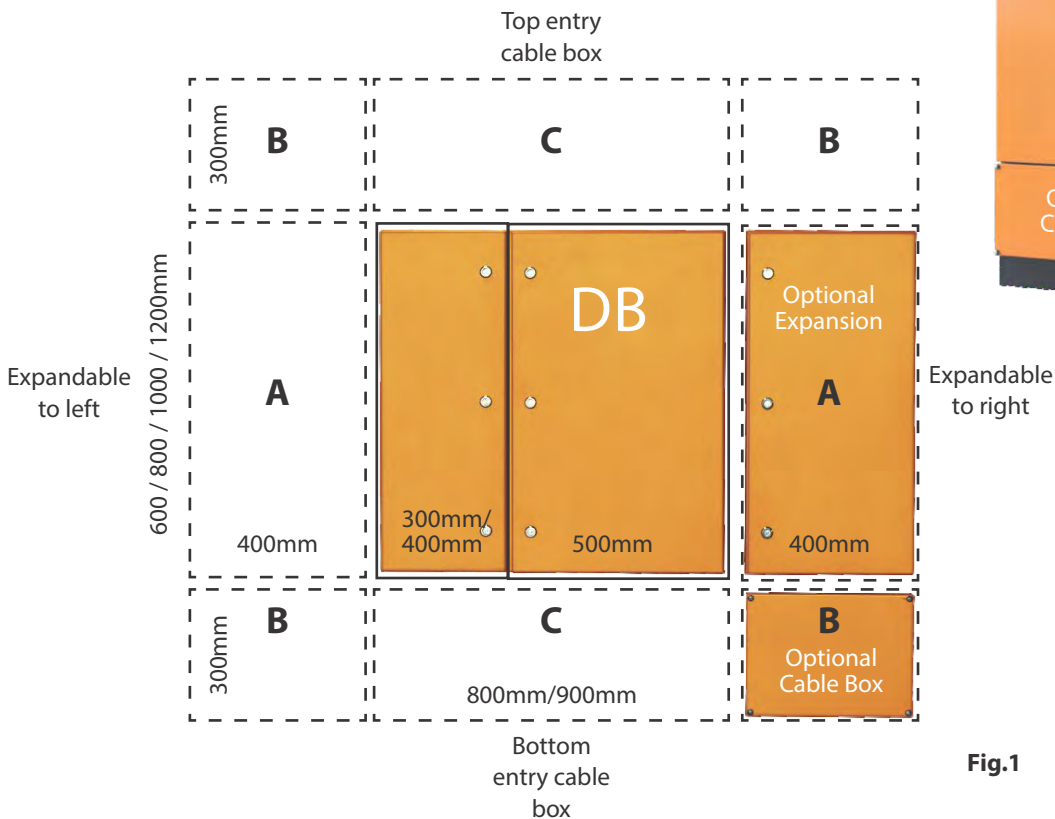
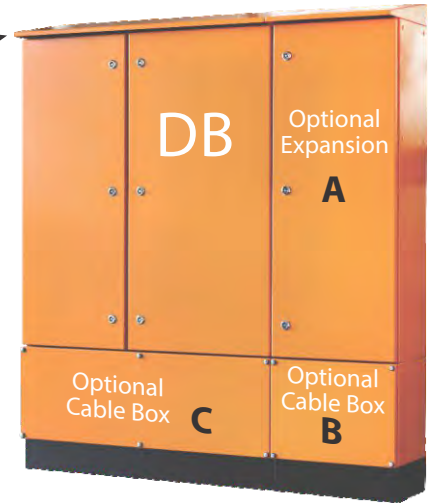
Part No.	Description (WxHxD)	Rows	No of ways
<b>DB 0806025</b>	<b>SP MS BOX 800x600x250 (W 300+500)</b>	<b>3x23</b>	<b>69</b>
<b>DB 0808025</b>	<b>SP MS BOX 800x800x250 (W 300+500)</b>	<b>5x23</b>	<b>115</b>
<b>DB 08010025</b>	<b>SP MS BOX 800x1000x250 (W 300+500)</b>	<b>6x23</b>	<b>138</b>
<b>DB 08012025</b>	<b>SP MS BOX 800x1200x250 (W 300+500)</b>	<b>7x23</b>	<b>161</b>
DB 0906025	MS DB BOX 900x600x250 (W 400+500)	3x23	69
<b>DB 0908025</b>	<b>MS DB BOX 900x800x250 (W 400+500)</b>	<b>5x23</b>	<b>115</b>
DB0910025	MS DB BOX 900x1000x250 (W 400+500)	6x23	138
<b>DB 0912025</b>	<b>MS DB BOX 900x1200x250 (W 400+500)</b>	<b>7x23</b>	<b>161</b>
<b>EXP A06</b>	<b>Expansion box (H 600)</b>	<b>3x18</b>	<b>54</b>
<b>EXP A08</b>	<b>Expansion box (H 800)</b>	<b>5x18</b>	<b>90</b>
<b>EXP A10</b>	<b>Expansion box (H 1000)</b>	<b>6x18</b>	<b>108</b>
<b>EXP A12</b>	<b>Expansion box (H 1200)</b>	<b>7x18</b>	<b>126</b>
<b>EXP B</b>	<b>Cable entry box (W 400)</b>	<b>N/A</b>	<b>N/A</b>
<b>EXP C8</b>	<b>Cable entry box (W 800)</b>	<b>N/A</b>	<b>N/A</b>
<b>EXP C9</b>	<b>Cable entry box (W 900)</b>	<b>N/A</b>	<b>N/A</b>
<b>CAN 04</b>	<b>Canopy (W 400)</b>	<b>N/A</b>	<b>N/A</b>
<b>CAN 09</b>	<b>Canopy (W 900)</b>	<b>N/A</b>	<b>N/A</b>

Basic DB expandable in all directions as per **fig.1** below

All **bold** items in stock.



Optional Rain Canopy



**Fig.1**



## ELSTEEL Stainless Steel DB's



### Stainless Steel 304

Padlockable

Part No.	Description (WxHxD)	Rows	No of ways
<b>DBS 0906025 - 304</b>	<b>ATI DB Box - SS 304 900x600x250</b>	<b>3x23</b>	<b>69</b>
<b>DBS 0908025 - 304</b>	<b>ATI DB Box - SS 304 900x800x250</b>	<b>5x23</b>	<b>115</b>
DBS 0910025 - 304	ATI DB Box - SS 304 900x1000x250	6x23	138
<b>DBS 0912025 - 304</b>	<b>ATI DB Box - SS 304 900x1200x250</b>	<b>7x23</b>	<b>161</b>

Basic DB expandable in all directions as per fig.1 on the previous page

All **bold** items in stock.

## ELSTEEL Braided Flex



Part No.	Description	Rated Current (A)	Cut off Current (KA)	Length (L)	Order Number
<b>FB 160-250</b>	<b>BRAIDED FLEXI</b>	<b>125</b>	<b>63</b>	<b>250</b>	<b>20943</b>
<b>FB 160-325</b>	<b>BRAIDED FLEXI</b>	<b>125</b>	<b>63</b>	<b>325</b>	<b>20944</b>
<b>FB 160-400</b>	<b>BRAIDED FLEXI</b>	<b>125</b>	<b>63</b>	<b>400</b>	<b>20945</b>
<b>FB 160-475</b>	<b>BRAIDED FLEXI</b>	<b>125</b>	<b>63</b>	<b>475</b>	<b>20946</b>
<b>FB 250-250-8</b>	<b>BRAIDED FLEXI</b>	<b>250</b>	<b>65</b>	<b>75</b>	<b>20964</b>
<b>FB 250-325-8</b>	<b>BRAIDED FLEXI</b>	<b>250</b>	<b>65</b>	<b>150</b>	<b>20967</b>
<b>FB 250-400-8</b>	<b>BRAIDED FLEXI</b>	<b>250</b>	<b>65</b>	<b>225</b>	<b>20970</b>
<b>FB 250-475</b>	<b>BRAIDED FLEXI</b>	<b>250</b>	<b>65</b>	<b>300</b>	<b>20971</b>
<b>FB 400-325</b>	<b>BRAIDED FLEXI</b>	<b>400</b>	<b>65</b>	<b>75</b>	<b>20979</b>
<b>FB 400-400</b>	<b>BRAIDED FLEXI</b>	<b>400</b>	<b>65</b>	<b>150</b>	<b>20982</b>
<b>FB 400-475</b>	<b>BRAIDED FLEXI</b>	<b>400</b>	<b>65</b>	<b>225</b>	<b>20983</b>
<b>FB 400-550</b>	<b>BRAIDED FLEXI</b>	<b>400</b>	<b>65</b>	<b>300</b>	<b>21055</b>
<b>FB 400-700</b>	<b>BRAIDED FLEXI</b>	<b>400</b>	<b>65</b>	<b>375</b>	<b>21057</b>
<b>FB 630-250</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>250</b>	<b>20989</b>
<b>FB 630-325</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>325</b>	<b>20992</b>
<b>FB 630-400</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>400</b>	<b>20995</b>
<b>FB 630-475</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>475</b>	<b>20997</b>
<b>FB 630-550</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>550</b>	<b>21070</b>
<b>FB 630-775</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>775</b>	<b>21073</b>
<b>FB 630-850</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>850</b>	<b>21074</b>
<b>FB 630-925</b>	<b>BRAIDED FLEXI</b>	<b>630</b>	<b>65</b>	<b>925</b>	<b>21075</b>

All **bold** items in stock.

