

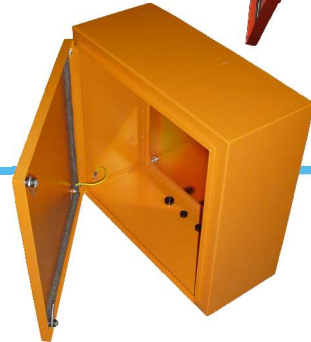
# Sheet Metal Enclosures

B.J. Series Enclosures



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E.P. Series Enclosures



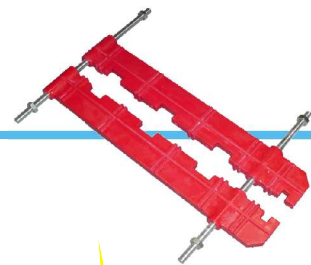
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E.P. Shouds



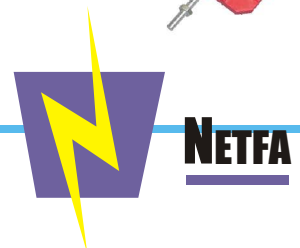
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STA Busbar Supports



Page 4.3

STA Busbar Supports Test Report



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## ENCLOSURES

Includes: Base plate  
Wall mounting brackets

### B.J. Series

Protection: IP65  
Material Enclosure 1.2 mm galvanised sheet steel, epoxy coated  
Base Plate 2 mm galvanised  
Colour: Structured Orange  
Door: Interchangeable from side to side

PARTNO	NAME	W	H	D	Price
<b>BJS1-43/200</b>	B.J. Small	300	400	200	1210.00
<b>BJS1-44/200</b>	B.J. Medium	400	400	200	1500.00
<b>BJS1-55/250</b>	B.J. Large	500	500	250	2313.00
<b>BJS1-65/250</b>	B.J. Ex-Large	500	600	250	2674.00
<b>BJS1-1210/300</b>	B.J. 12-10	1000	1200	300	9556.00

### Glazed doors

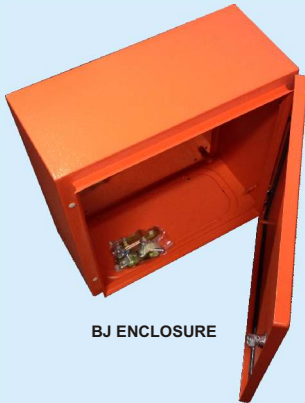
Glazed doors are sold separately from the enclosure.  
Colour: Structured Orange

PARTNO	ASSOCIATED ENCLOSURE	Price
<b>BJS1-43/200-GD</b>	For use with BJS1-43/200	502.00
<b>BJS1-44/200-GD</b>	For use with BJS1-44/200	670.00
<b>BJS1-55/250-GD</b>	For use with BJS1-55/250	1047.00
<b>BJS1-65/250-GD</b>	For use with BJS1-64/250	1256.00
<b>BJS1-1210/300-GD</b>	For use with BJS1-1210/300	5024.00

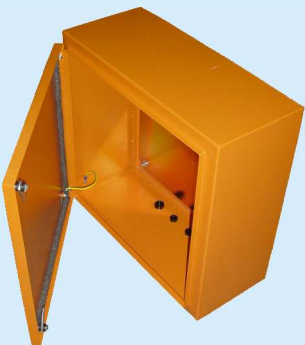
### E.P. Series

Protection: IP54  
Material Enclosure 1mm & 1.2 mm electrogalv, epoxy coated  
Base Plate 1.6 mm sheradised mild-steel  
Colour: Structured Orange (other colours on special request)

PARTNO	NAME	W	H	D	Price
<b>EPECONO</b>	E.P. Econo	305	280	155	858.00
<b>EPS</b>	E.P. Small	360	310	200	1522.00
<b>EPMED</b>	E.P. Medium	425	400	225	1992.00
<b>EPL</b>	E.P. Large	500	475	230	2508.00
<b>EPXL</b>	E.P. Ex Large	600	550	245	3188.00
<b>EP700</b>	E.P. 700	700	700	290	5797.00
<b>EPAUTO</b>	E.P. Auto Tx	650	900	290	6303.00
<b>EP6-8</b>	E.P. 6-8	600	800	330	5801.00
<b>EP8-10</b>	E.P. 8-10	800	1000	360	8416.00
<b>EPINV</b>	E.P. INV	900	1350	400	10778.00



BJ ENCLOSURE



EP ENCLOSURE

All Prices Exclude VAT and are subject to change without prior notice.

## SHEET METAL ENCLOSURES

### SHROUDS

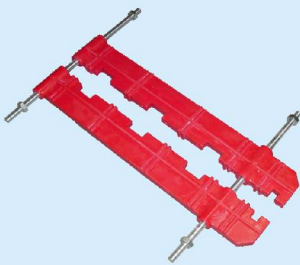
Protection: Weatherproof shroud, without bottom plate  
Used with above enclosure to maintain IP54 when fitting Ammeter, etc.  
Material: 1.2mm & 1.6 mm galvanised, epoxy coated  
Colour: Structured Siemens Grey (other colours on special request)



PARTNO	FOR USE WITH	W	H	D	Price
<b>ESS</b>	Small	420	470	290	1787.00
<b>ESMED</b>	Medium	500	485	290	2061.00
<b>ESL</b>	Large	620	580	320	2732.00
<b>ESXL</b>	Ex Large	685	690	340	3407.00
<b>ES700</b>	E.P. 700	780	780	365	4954.00
<b>ESAUTO</b>	E.P. Auto	720	1000	360	6377.00
<b>ES6-8</b>	E.P. 6-8	740	930	420	6465.00
<b>ES8-10</b>	E.P. 8-10	950	1200	420	9591.00

### STA BUSBAR SUPPORTS

Approved by NEFTA (SABS affiliated)  
For use up to 50kA



PARTNO	FOR USE WITH	W	H	D	Price
<b>SA504800</b>	Busbar support - 3 phase + neutral				1070.00
<b>SA488400</b>	Busbar spacer 10mm				14.50
<b>SA481900</b>	Busbar spacer 3.5mm				11.10
<b>VBBB/BOT</b>	Bottom busbar support bracket	1.6mm	590	25 20	101.90
<b>VBBB/TOP</b>	Top busbar support bracket	1.6mm	590	75 20	174.60

See Test Report on page 4.3

All Prices Exclude VAT and are subject to change without prior notice.

# TEST REPORT

National Electrical Test Facility  
PO Box 144, Olifantsfontein, 1665  
Tel: (011) 316-2005 Fax: (011) 316-4979  
Int. Code +27 11



High Current Laboratory  
Report No. HC/88213/U211  
Page 1 of 10

**Client** : Electroparts (Pty) Ltd, PO Box 438, **PAROW**, 7499  
**Manufacturer** : Electroparts (Pty) Ltd, PO Box 438, **PAROW**, 7499  
**Apparatus** : Low-voltage switchgear and controlgear assembly  
**Designation** : Floor standing LV switchboard  
**Serial No.** : -

**Ratings assigned by the manufacturer:**

Rated Voltage : 415 V a.c.  
Rated current : 1 500 A  
Rated frequency : 50 Hz  
Rated short time withstand current : Main and distribution busbars - 50 kA-1 s  
Rated short time withstand current : Phase to neutral busbar - 50 kA-1 s  
Other characteristics listed on page : 2

**Tests have been carried out strictly in accordance with**

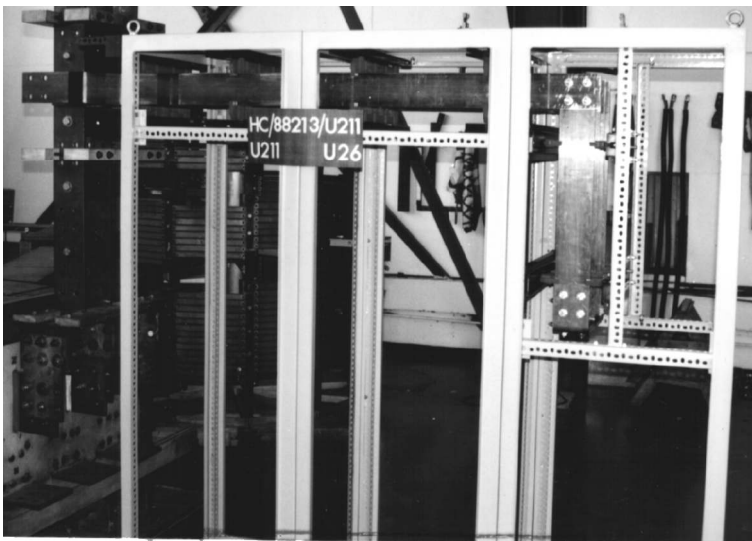
IEC 60439-1:1999 subclause 8.2.3.2.3(b) and (d) *Verification of short circuit withstand strength - Main and distribution busbars and phase to neutral busbars.*

**Date of test(s)** : 21 November 2002

**The apparatus has complied with the relevant requirements.**

**This report consists of:**

Report forms 4  
Photograph(s) 6  
Information sheet(s) -  
Diagram(s) -  
Drawing(s) See page 2  
Oscillogram(s) TK2103 and TK2106



JM Pollock  
Acting Head  
High Current Laboratory: **NETFA**

JP Speedy  
Project Engineer: **NETFA**

Olifantsfontein, 22 November 2002

**ORIGINAL  
AVAILABLE  
ON REQUEST**