

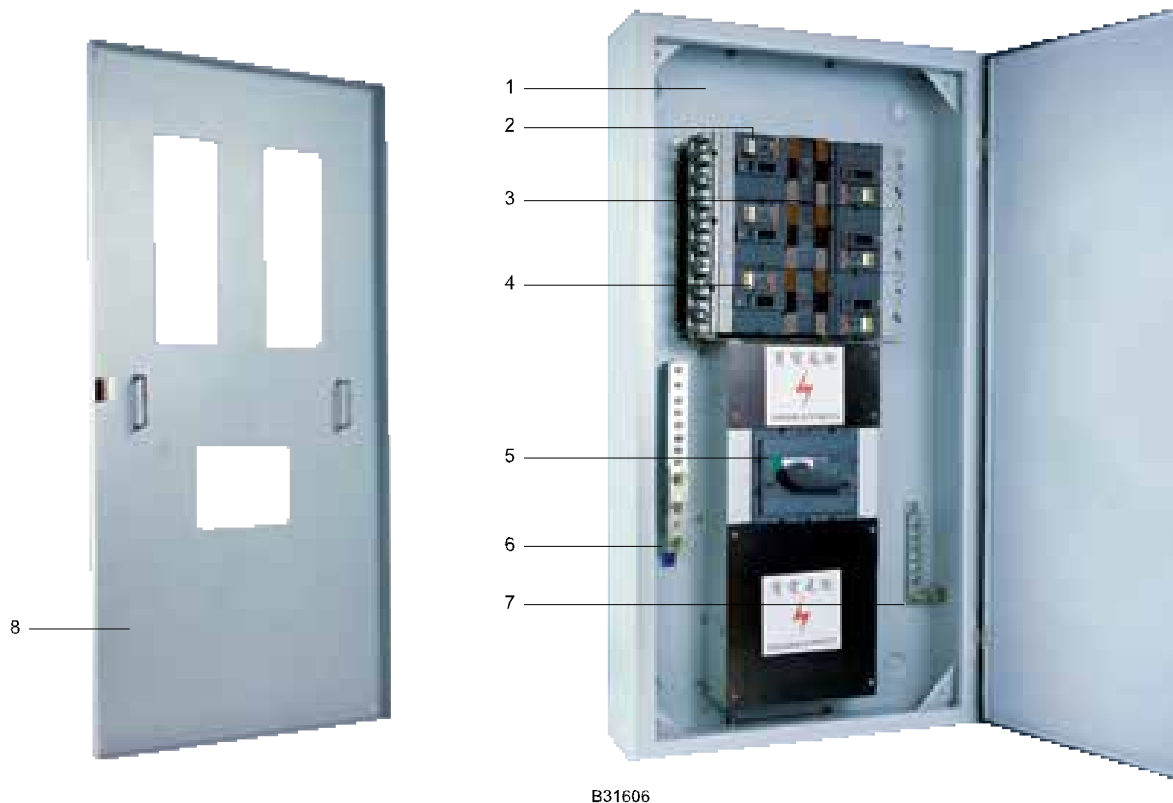
Compact NSX/NS/NSD

MCCB Board 配電箱

Technical Specification 技術參數

- Degree of protection: IP42
- Complies with IEC 60439-1 and BS EN 60439-1
- Constructed from rigid folded 1.5mm sheet steel
- Busbar rating 250A, 400A and 630A
- Detachable top and bottom gland plates
- Paint finish: light grey epoxy powder painted
- Tinned busbar
- Can be installed with Compact NS / NSD type switch disconnecter upon request

- 保護等級: IP42
- 符合IEC 60439-1及BS EN 60439-1 標準
- 由1.5mm的鋼板嚴密摺疊而成
- 母線容量為 250A、400A及630A
- 可分拆的上下壓蓋板
- 表面塗上淺灰色環氧樹脂
- 鍍錫母線
- 可按要求裝入Compact NS或NSD開關掣



B31606

- | | |
|---|-------------------------|
| 1. Surface mounting enclosure
掛牆式箱體 | 6. Neutral link
中線端子 |
| 2. Pan assembly
配件底板 | 7. Earth link
地線端子 |
| 3. Terminal shield & way label
絕緣隔板及相位標貼 | 8. Inner cover
內門 |
| 4. MCCB unit
塑殼斷路器 | 9. Key lock
門鎖 |
| 5. INS type switch disconnecter
INS型開關掣 | |

Cabling Specification

- Neutral incoming terminal connection: use rigid or flexible cables up to
 - 120mm² for 250A TPN boards
 - 240mm² for 400A TPN boards
 - 400mm² for 630A TPN boards
- Earth link incoming connection: use rigid or flexible cables up to 70mm²
- Neutral and earth link outgoing connections: use rigid or flexible cables up to 16mm²

接線規格

- 中線來線: 可接的軟線或硬線
 - 250A 三相配電箱接 120mm² 或以下
 - 400A 三相配電箱接 240mm² 或以下
 - 630A 三相配電箱接 400mm² 或以下
- 地線來線: 可接 70mm² 或以下的軟線或硬線
- 中線和地線出線: 可接 16mm² 或以下的軟線或硬線

Compact NSX/NS/NSD

MCCB Board 配電箱

Catalogue Number 產品編號



B30206

TPN MCCB board w/o main switch space 三相塑殼斷路器配電箱不帶總掣位

Cat. number 產品編號	Main Bar Rating(A) 主電巴容量(A)	No. of Way 相位數目	Dimensions (mm) 尺寸		
			H	W	D
B30202	250	2	530	600	200
B30204	250	4	635	600	200
B30206	250	6	740	600	200
B30208	250	8	845	600	200
B30210	250	10	950	600	200
B30212	250	12	1055	600	200
B30214	250	14	1160	600	200
B30216	250	16	1265	600	200
B30402	400	2	630	600	200
B30404	400	4	735	600	200
B30406	400	6	840	600	200
B30408	400	8	945	600	200
B30410	400	10	1050	600	200
B30412	400	12	1155	600	200
B30414	400	14	1260	600	200
B30416	400	16	1365	600	200
B30602	630	2	680	600	200
B30604	630	4	785	600	200
B30606	630	6	890	600	200
B30608	630	8	995	600	200
B30610	630	10	1100	600	200
B30612	630	12	1205	600	200
B30614	630	14	1310	600	200
B30616	630	16	1415	600	200

TPN MCCB board c/w main switch space 三相塑殼斷路器配電箱帶總掣位

Cat. number 產品編號	Main Bar Rating(A) 主電巴容量(A)	No. of Way 相位數目	Dimensions (mm) 尺寸		
			H	W	D
B31202	250	2	680	600	200
B31204	250	4	785	600	200
B31206	250	6	890	600	200
B31208	250	8	995	600	200
B31210	250	10	1100	600	200
B31212	250	12	1205	600	200
B31214	250	14	1310	600	200
B31216	250	16	1415	600	200
B31402	400	2	870	600	200
B31404	400	4	975	600	200
B31406	400	6	1080	600	200
B31408	400	8	1185	600	200
B31410	400	10	1290	600	200
B31412	400	12	1395	600	200
B31414	400	14	1500	600	200
B31416	400	16	1605	600	200

Remarks:

The above MCCB boards are based on the rating of outgoing Compact MCCB $\leq 250A$ only.
All main switches adopt INS type load break switch.

備註:

以上塑殼斷路器配電箱均只適合 $\leq 250A$ 的Compact塑殼斷路作為分掣。
所有總掣位採用INS型之負荷開關。



B31406

Compact NSX/NS/NSD

MCCB Board 配電箱

Catalogue Number 產品編號



B32100

TPN MCCB board c/w main switch space

三相塑殼斷路器配電箱帶總掣位

Cat. number 產品編號	Main Bar Rating(A) 主電巴容量(A)	No. of Way 相位數目	Dimensions (mm) 尺寸		
			H	W	D
B31602	630	2	920	600	200
B31604	630	4	1025	600	200
B31606	630	6	1130	600	200
B31608	630	8	1235	600	200
B31610	630	10	1340	600	200
B31612	630	12	1445	600	200
B31614	630	14	1550	600	200
B31616	630	16	1655	600	200



B32226

1 Way MCCB board 單相位塑殼斷路器配電箱

Cat. number 產品編號	Description 種類	Dimensions (mm) 尺寸		
		H	W	D
B32109	for NSD100	382	188	95
B32100	for NSD100 - NSD160	350	200	90
B32250	for NSD250	400	200	90
B32400	for NSD400 - NSD630	700	350	150
B32100X	for NSX100 - NSX160	350	200	90
B32250X	for NSX250	400	200	90
B32400X	for NSX400 - NSX630	700	350	150



B33434

TPN MCCB board w/o main switch space,

Special for power utility company

三相塑殼斷路器配電箱不帶總掣位，適用於供電機構

Cat. number 產品編號	No. of way 相位數目	Dimensions (mm) 尺寸		
		H	W	D
B33226	6 x 2P	635	600	200
B33228	8 x 2P	705	600	200
B33434	4 x 3P + N	805	600	200
B33436	6 x 3P + N	945	600	200
B33438	8 x 3P + N	1085	600	200



B39001

Accessories 配件

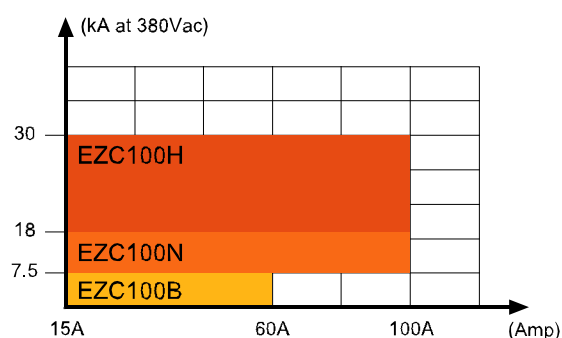
Cat. number 產品編號	Description 種類
B39001	Blanking Plate for 相間隔板適用於 MCCB ≤ 250A
B39002	Blanking Plate for 相間隔板適用於 MCCB > 250A & ≤ 630A

MCCB 塑殼斷路器

Functions and Characteristics 功能及特性

Electrical characteristics as per IEC 60947-2 電氣特性符合IEC 60947-2標準

			EZC100B	EZC100N	EZC100H	EZC100H
Number of poles 極數			3	3	2	3
Rated current 額定電流 (A)	In		15, 20, 25, 30, 40, 50, 60	15, 20, 25, 30, 40, 50, 60, 75, 80, 100	15, 20, 25, 30, 40, 50, 60, 75, 80, 100	15, 20, 25, 30, 40, 50, 60, 75, 80, 100
Rated insulation voltage 額定絕緣電壓 (V)	Ui		690	690	690	690
Rated impulse withstand voltage 額定衝擊耐壓 (kV)	Uimp		6	6	6	6
Rated operational voltage 額定工作電壓 (V)	Ue	AC 50/60Hz	550	550	550	550
		DC	250	250	125	250
Breaking capacity 分斷能力 (kA rms)	Icu	AC				
		110/130V			100	
		220/240V	10	25	50	100
		380V	7.5	18	30	30
		400V	7.5	15	30	30
		415V	7.5	15	30	30
		440V	5	10	20	20
		550V	2.5	5	10	10
		DC				
		125V (1P)		5	10	10
		250V (2P)		5	5	10
	Ics (% Icu)	110/130V	25%	50%	50%	50%
		220/240V	25%	50%	50%	50%
		380V	25%	50%	50%	50%
		400V	25%	50%	50%	50%
		415V	25%	50%	25%	25%
		440V	25%	50%	25%	25%
		550V	25%	50%	25%	25%
Utilization Category 應用類別			A	A	A	A
Dimensions 尺寸 (mm) L x H x D						
2-pole 極					50 x 130 x 60	
3-pole 極			75 x 130 x 60			75 x 130 x 60



EasyPact™ is the world's smallest circuit breaker in its range with only one frame size for all ratings and three breaking capacities: 7.5kA, 18kA and 30kA.

EasyPact™ 是世界上最細小的塑殼斷路器 (以同類型計算)。所有額定電流及三種分斷能力 (7.5kA, 18kA及30kA) 都採用均一尺寸的斷路器。

MCCB 塑殼斷路器

Catalogue Number 產品編號



EZC100B 3-pole



EZC100N 3-pole



EZC100H 2-pole

2 & 3-pole, 380 V 兩極、三極

Type 種類	Rating 容量 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號 2-pole 極	3-pole 極
EZC100B	15	7.5		EZC100B3015
	20	7.5		EZC100B3020
	25	7.5		EZC100B3025
	30	7.5		EZC100B3030
	40	7.5		EZC100B3040
	50	7.5		EZC100B3050
EZC100N	60	7.5		EZC100B3060
	15	18		EZC100N3015
	20	18		EZC100N3020
	25	18		EZC100N3025
	30	18		EZC100N3030
	40	18		EZC100N3040
EZC100H	50	18		EZC100N3050
	60	18		EZC100N3060
	75	18		EZC100N3075
	80	18		EZC100N3080
	100	18		EZC100N3100
	15	30	EZC100H2015	EZC100H3015
	20	30	EZC100H2020	EZC100H3020
	25	30	EZC100H2025	EZC100H3025
	30	30	EZC100H2030	EZC100H3030
	40	30	EZC100H2040	EZC100H3040
	50	30	EZC100H2050	EZC100H3050
	60	30	EZC100H2060	EZC100H3060
	75	30	EZC100H2075	EZC100H3075
	80	30	EZC100H2080	EZC100H3080
	100	30	EZC100H2100	EZC100H3100

Auxiliaries & Accessories 輔件及配件

	Cat. number 產品編號
Auxiliary switch 輔助開關 (AX)	EZAUX10
Alarm switch 警報開關 (AL)	EZAUX01
Auxiliary switch/Alarm switch 輔助開關/警報開關 (AX/AL)	EZAUX11
Shunt trip 分勵線圈 (SHT)	100-130V AC EZASHT100AC
	200-277V AC EZASHT200AC
	380-480V AC EZASHT380AC
	24V DC EZASHT024DC
	48V DC EZASHT048DC
	110-130V AC EZAUVR110AC
Under voltage release 失壓線圈 (UVR)	200-240V AC EZAUVR200AC
	277V AC EZAUVR277AC
	380-415V AC EZAUVR380AC
	440-480V AC EZAUVR440AC
	24V DC EZAUVR024DC
	48V DC EZAUVR048DC
	125V DC EZAUVR125DC
Direct rotary handle 直接旋轉手柄	EZAROTDS
Extended rotary handle 延伸旋轉手柄	EZAROTE
Padlocking system 掛鎖設備	EZALOCK
Terminal shield for 3-pole only (set of 2) 端子護罩 (2組) 只適用於三極	EZATSHD3P
Sealing screw (set of 2) 密封螺絲 (2組)	EZASSCR
Phase barrier (set of 2) 相位擋板 (2組)	EZAFASB2
DIN rail adaptor DIN路軌連接器	EZADINR
Cable lug (set of 2) 電纜接線片 (2組) ≤ 50A	EZALUG0502*
Cable lug (set of 3) 電纜接線片 (3組) ≤ 50A	EZALUG0503*
Cable lug (set of 2) 電纜接線片 (2組) 60A - 100A	EZALUG1002**
Cable lug (set of 3) 電纜接線片 (3組) 60A - 100A	EZALUG1003**

*for cables from 1.5 - 16 mm²

*適合1.5至16 mm²之電纜

**for cables from 5.5 - 50 mm²

**適合5.5至50 mm²之電纜

Electrical auxiliaries are field-installable and can be installed in either location (left or right).

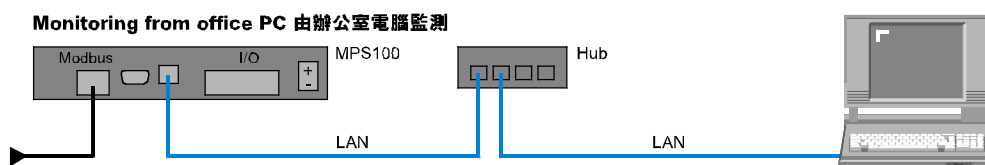
產品輔件可於工地現場安裝，可安裝於左方或右方。

Micro Power Server 小型電源伺服器

MPS100



Micro Power Server automatically notifies maintenance people when any preset alarm or trip are activated in the Micrologic Trip Unit.
當Micrologic脫扣器的預設警號啟動或脫扣，小型電源伺服器能自動通知保養人員。



Monitoring of your main LV switchboard through standard web browser.

透過標準的網頁瀏覽器監測你的低壓配電箱。

Supported Modbus devices

- Micrologic trip units
 - Power Meters (PM710)
- Maximum recommended connected devices is 10

Features

- Access to the power system through a standard PC web browser
- Real-Time data displays with an intuitive and user friendly interface (dashboards profile)
- Ethernet Modbus TCP/IP connectivity directly to the LAN or via modem (Point to Point Protocol services)
- SMTP (Simple Mail Transfer Protocol) client (capacity to send e-mail)
- Local data logging such as energy, power, current ...
- Set-up and system configuration through MPS100 embedded HTML pages
- User interface translatable in any language, factory settings in english and french
- 6 inputs/2 outputs (contact free of potential)
- DHCP (Dynamic Host Configuration Protocol) client

支援性設備

- Micrologic 脫扣單元
 - 電力儀表器 (PM710)
- 建議最多可聯接設備為十個

特徵

- 透過一個標準電腦的互聯網瀏覽器就可存取電力系統資料
- 直覺式及用戶易使用界面顯示即時資訊(儀表板簡介)
- Ethernet Modbus TCP/IP 連接，可直接接駁LAN或經調制解調器接駁(協議服務)
- 簡單郵件傳輸協議客戶端(能發送電子郵件)
- 記錄當場資料，如能源、電量、電流 ...
- 透過MPS100的HTML網頁來設定系統構型
- 可翻譯不同言語的用戶界面，原廠設定為英語及法語
- 6個輸入/2個輸出(不帶電壓接點)
- 動態主機配置協議

Technical characteristics 技術參數

Power supply 供電	24 V DC $\pm 15\%$, consumption 消耗 = 250 mA
Operating temperature 操作溫度	0 to +50 °C
Rugged compact metal housing 堅固小巧的金屬外殼	35 x 218 x 115 mm (H x W x D)

Cat. number 產品編號

Micro Power Server 小型電源伺服器 MPS100	33507
24 V DC power supply 供電	PS080

For more information, please visit www.transparent-ready.com
有關詳細資料，請瀏覽 www.transparent-ready.com