JDA 日揚科技有限公司
JD Auspice Co., Ltd

pvBos®

PV array combiner box

Product Catalogue

JD Auspice Co.,Ltd. Tel: 886-2-2595-9780 Fax: 886-2-2595-9412 service@jdauspice.com www.jdauspice.com

description of system elements

防水矽環(膜嘴),換氣封或電纜迫緊頭 接受客製

您想配置一個特定的組串迴路？

您有一個多串逆變器需要超過2極？

您要在系統提供額外的保護例如含：保險絲、二極體？

任何有關的具體要求的輸出入電纜截面積？

任何特殊的連接器，例如MC或Tyco？

您是否需要從遠程操作開關，從 PLC或外部繼電器？

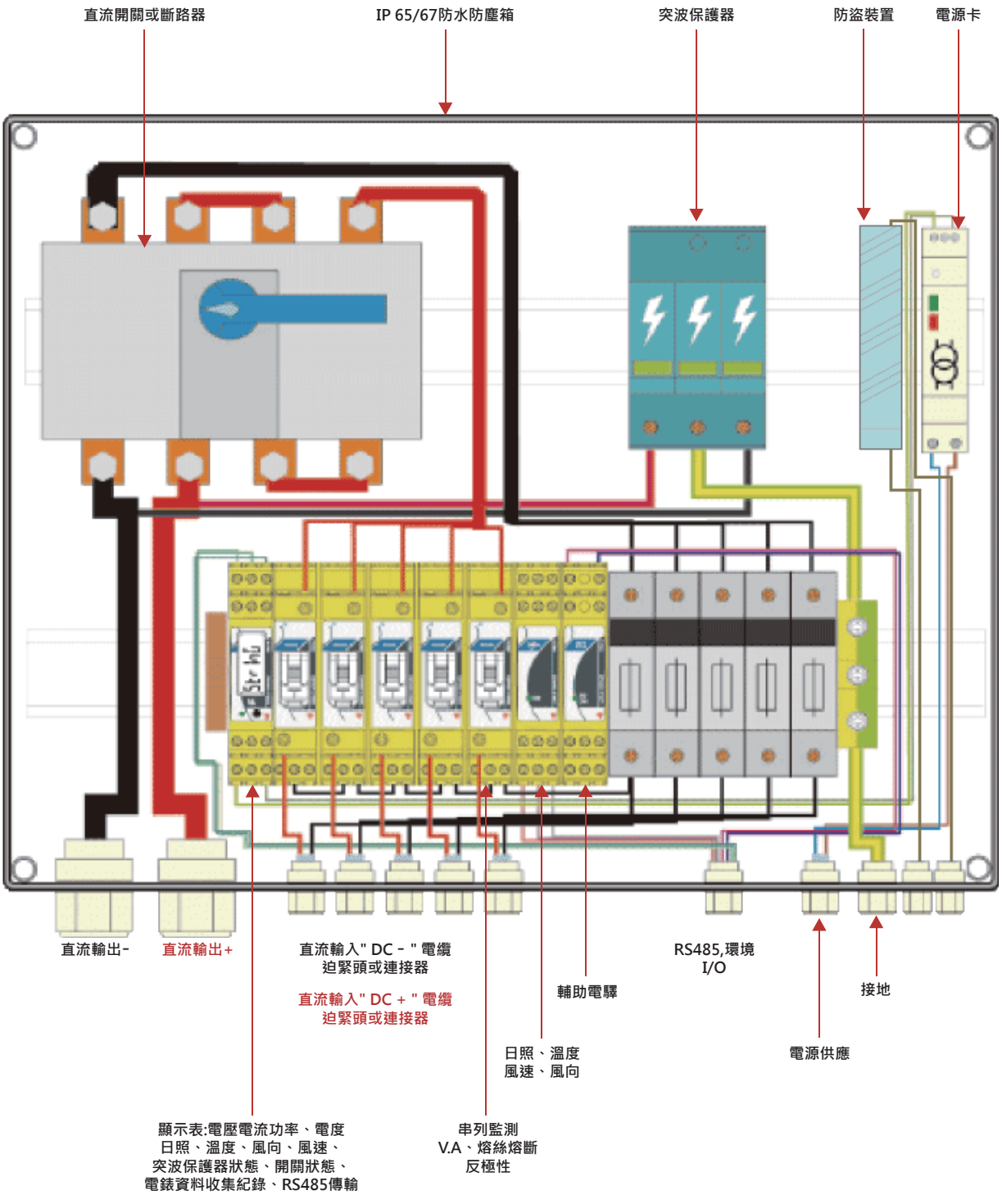
您是否想要在接地故障的情況下關閉系統？

您是否想要串列即時監測?

您還有任何其他的要求？

日煬科技的直流開關箱根據您的設備訂製！

Note: Subject to change without any notice.



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輸入數	1	2	3	on request
輸入線徑	2.5 - 6mm²			-
輸出線徑	DC Switch disconnector: 2.5mm² - 6mm²			-
	SPD: single strand 35mm², multi-strand 25mm²			
保護二極體	25, 35, 40A 1200 Vdc, or 1600 Vdc			40A / 1600 Vdc
保險絲	10A / 900 Vdc / 1000 Vdc , on request Other fuse rating 1,2,4,6,8,12,16,20,25 on request			900 / 1000 Vdc On request
突波保護器	600Vdc In 20KA , Im 40KA 8/20 µs , class II, on request 1000 Vdc			1000Vdc , In20 KA Im 40 KA class II
直流開關最大輸出電流	2 / 4 / 6 P , 16 A other on request			Up to 1250 A
最大輸入電壓	600, 750, 850, 1000 Vdc			
箱體材質	ABS , PC , GRP on request			
防護等級	IP 65			
尺寸(mm)	300 x 400 x 180 WxHxD , other on request			-
操作溫域	SPD: -40~+80℃			
	DC switch disconnector: -5 + 40℃ on request: -25~+70℃			
儲存溫度	SPD: -40~+80℃			
	DC switch disconnector: -40~+80℃			
重量				
認證	DC switch cCSus, UL508, KEMA, CCC, enclosure: TUV Fuse: IEC60269-6			

pvBos®- 100V - 16B4E - F210 - S15ER - PV40/100 - C06 - STCG - ODCG

- combiner box
- Max. system voltage Vdc
  60: 600Vdc 75: 750Vdc
  85: 850Vdc 100: 1000Vdc
- Rated current of DC Switch disconnector
  Type of mounting
  B: bottom mount P: panel mount
  E: clockwise 90 deg. H: anti-clockwise 90 deg.
  4: Number of Pole of DC Switch,4 means 2 string input
- F: fuse 2: number of fuse
  Rated Fuse current A
  available 2, 4, 6, 8, 10, 12, 16, 20, 25
  Other on request
- S: string Monitor
  15: number of string input
  E: temperature, wind speed, wind direction, irradiation
  R: relay module for SPD, switch status output
- Surge Protective Device for PV
  IN: 20 KA Imax: 40KA
  Voltage: 600, 750, 1000 Vdc
  60: 600Vdc 75: 750Vdc
  85: 850Vdc 100: 1000Vdc
- Max. cross section of cable, e.g. 2.5, 4, 6mm
- ST: String Connection
  CG: Cable gland
  CN: Connector
- Outer diameter of DC main cable
  1121: cable gland 11~21 mm
  1523: cable gland 15~23 mm
  1928: cable gland 19~28 mm

- 有載隔離、箱體具防水、防塵IP65等級、蓋板採透明或非透明、門鎖及旋鈕鎖選項。

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AC標準交流箱

多數歐盟國家規定必須裝置交流斷路器、漏電斷路器、突波(過壓)保護器，箱體配置歐式端子並予結線，現場安裝節省成本與時間，除了歐規還有美規以及接受客製。

交流開關箱

額定電壓	230VAC/50Hz(max.250V), 208/220/275/440V 60Hz 選配
過壓(突波)保護	Class II or I, type 2, 選配 type 1
箱體	ABS 或 Polycarbonate IP65/67
輸入	$10mm^2$ 或指定線規
輸出	$10mm^2$ 或指定線規
電纜引入	電纜迫緊頭或膜嘴(防水矽環)、換氣封
斷路器	組合式漏電偵測裝置、負載斷路器
漏電偵測	25A/0.03A
熔絲	10x38mm max. 32A
選配	RCBO(漏電斷路器)10,16,25,32A MCB 10,13,20,25 其餘客製
尺寸 (寬 Wx 高 Hx 深 D)	250x350x150mm 其餘客製

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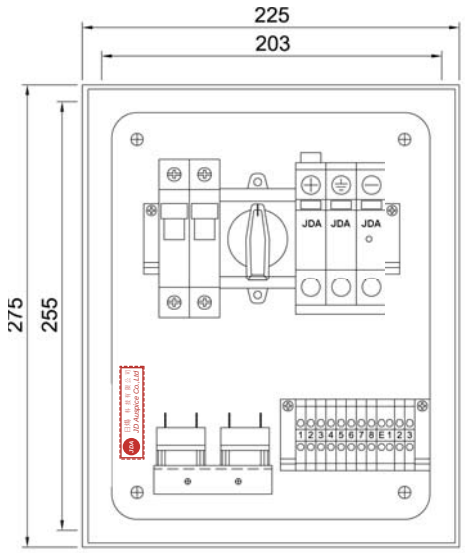
dimension



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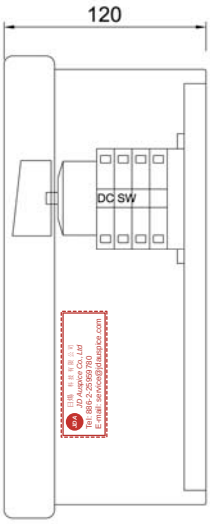

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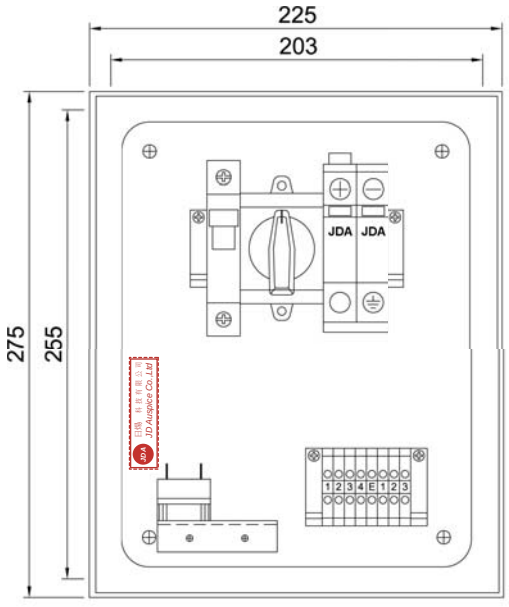

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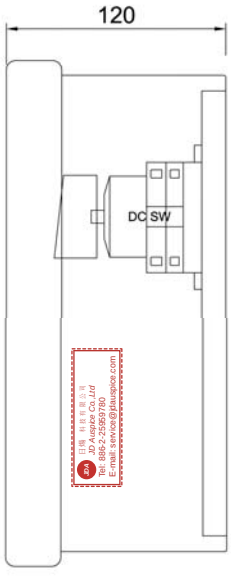

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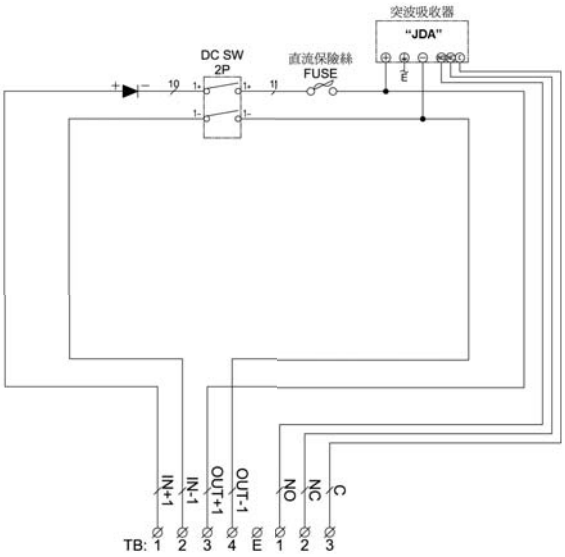

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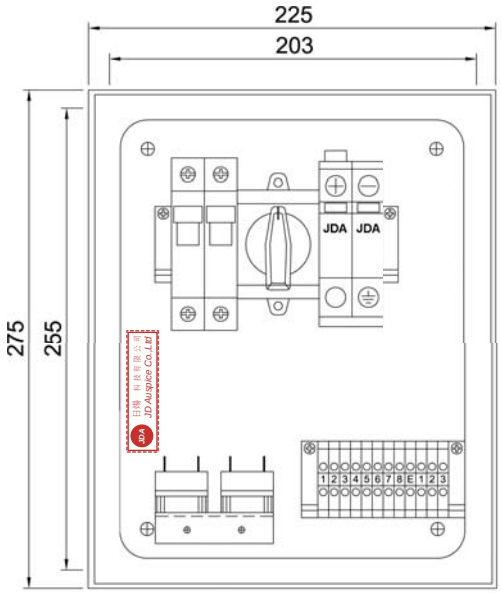

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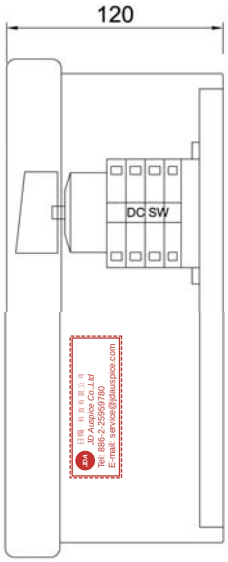

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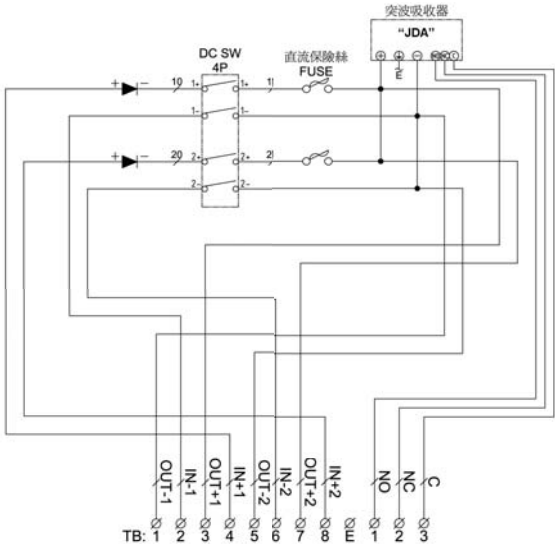

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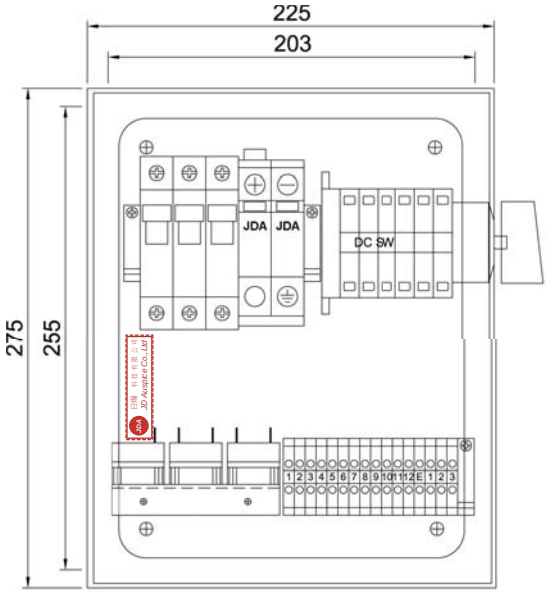

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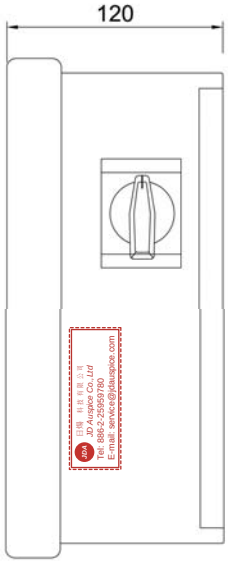

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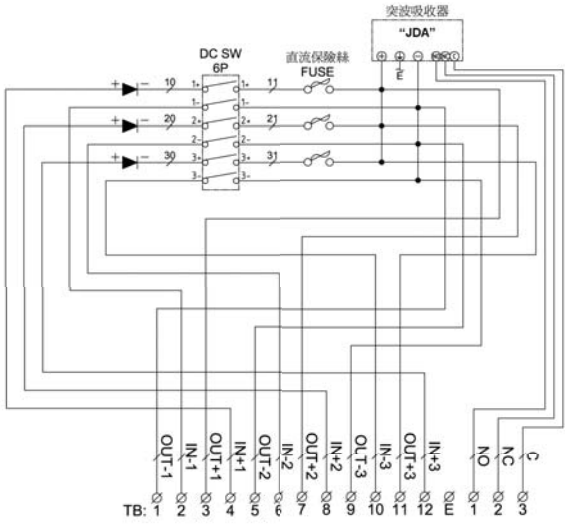

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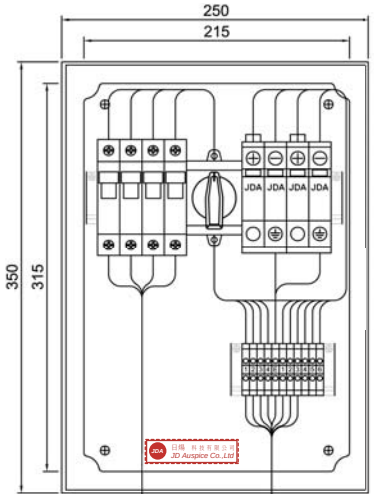
2個追蹤器應用模式



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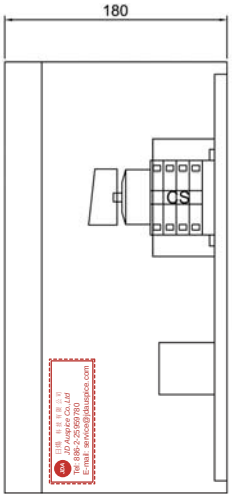

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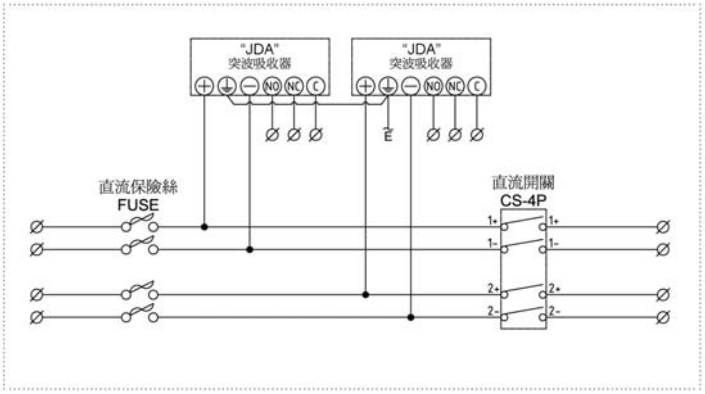

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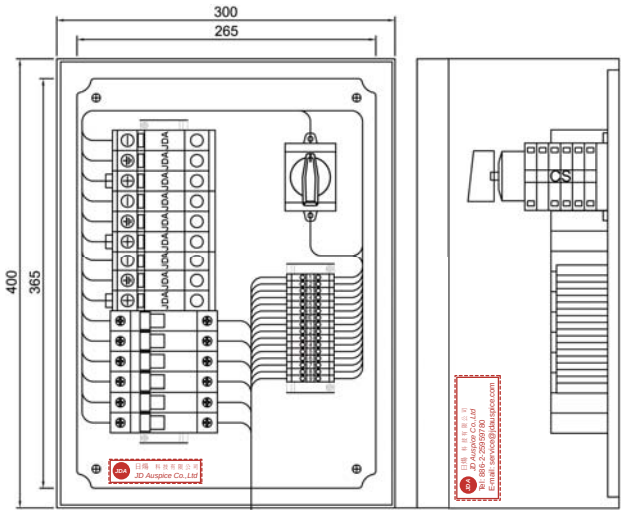

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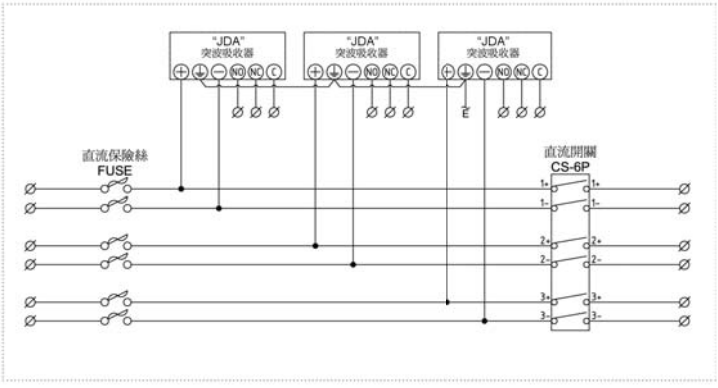

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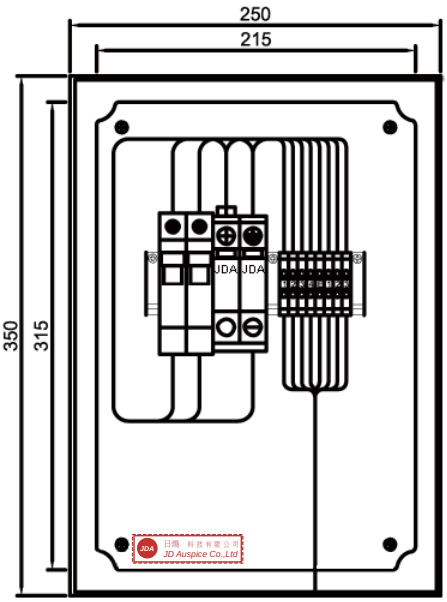
美規UL直流盤



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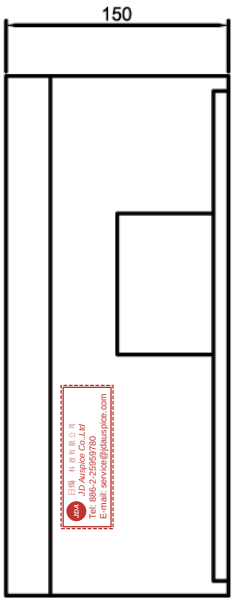

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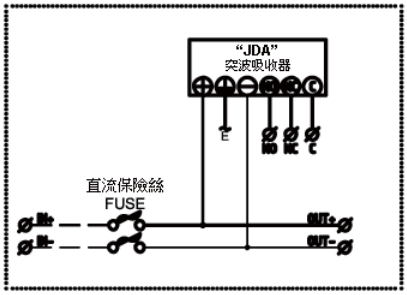

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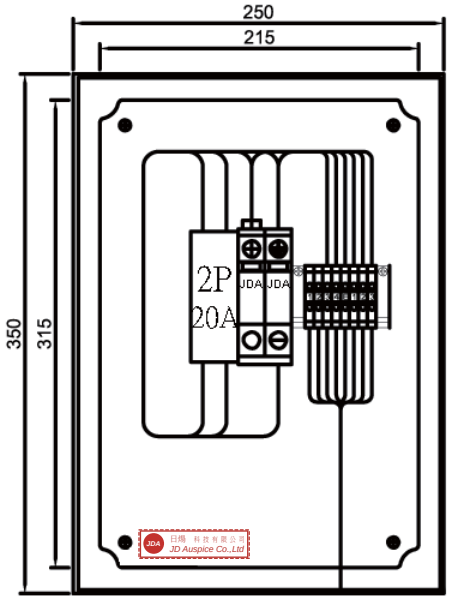
美規UL交流盤



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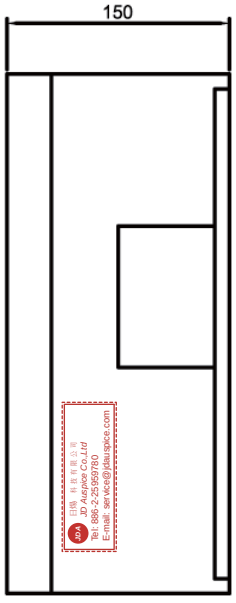

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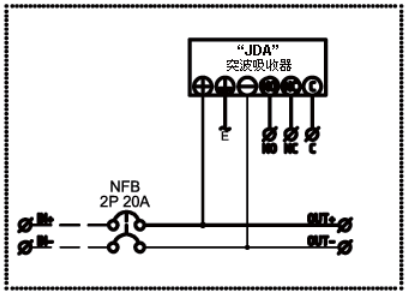

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