

AC INPUT & OUTPUT DISTRIBUTION BOARD

TO BE USED IN CONJUNCTION WITH: **MKS-3K-24VDC**



PB-3

AC INPUT & OUTPUT PROTECTION BOX DATA SHEET	
Product Code	PB-3
MUNICIPAL FEED TO CHANGE OVER	
Max Operating AC Voltage	250 Vac
Max Current Mains Input Circuit Breaker to Change Over	40 A – 2 Pole
No of Poles for Changeover	2 Pole
Changeover Rated Voltage	400 Vac
Changeover Rated Current	40 A
Changeover Rated Impulse Withstand Voltage	4 KV
Front Operation with Three Stable Positions	I – O – II
Mains Indication light	Green - 240 Vac
INVERTER INPUT FEED FROM MUNICIPAL GRID	
Max Operating AC Voltage	230 Vac
Max Current Inverter Input Circuit Breaker	32A – 2 Pole
Inverter input AC Surge Protection	Type 2
Nominal Discharge Current	5 KA
Maximum Discharge Current	10 KA
Voltage Protection Level	0.8 KV
Maximum Continuous Operating Voltage U _c	275 V
Min Required Inverter Input Cable Size	10mm ²
INVERTER OUTPUT FEED	
Max Operating AC Voltage	230 Vac
Max Current Inverter Output Main Circuit Breaker	16 A – 2 Pole
Min Required Inverter Output Cable Size	2.5mm ²
Inverter Indication Light	Red – 240 Vac
DISTRIBUTION BOARD	
Enclosure	PVC with Smokey Swing Door
IP Rating	IP 65
Double Insulated	YES
Dimension (L X W X D)	260(L) X 300(W) X 140(D)
Earth Bar	6 WAY
Neutral Bar	6 WAY
Installation Method	Wall Mounting
Operating Temperature	-20°C to 80°C

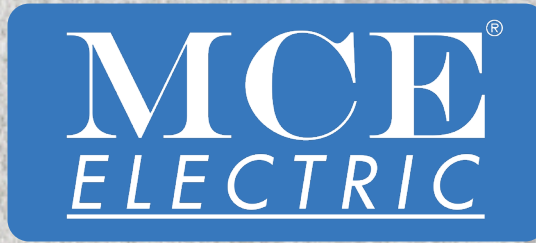
AC INPUT & OUTPUT DISTRIBUTION BOARD

TO BE USED IN CONJUNCTION WITH:
MKS-5K-48VDC
INFINISOLAR-V IV-5600



PB-5

AC INPUT & OUTPUT PROTECTION BOX DATA SHEET	
Product Code	PB-5
MUNICIPAL FEED TO CHANGE OVER	
Max Operating AC Voltage	250 Vac
Max Current Mains Input Circuit Breaker to Change Over	40 A – 2 Pole
No of Poles for Changeover	2 Pole
Changeover Rated Voltage	400 Vac
Changeover Rated Current	40 A
Changeover Rated Impulse Withstand Voltage	4 KV
Front Operation with Three Stable Positions	I – O – II
Mains Indication light	Green - 240 Vac
INVERTER INPUT FEED FROM MUNICIPAL GRID	
Max Operating AC Voltage	230 Vac
Max Current Inverter Input Circuit Breaker	40A – 2 Pole
Inverter input AC Surge Protection	Type 2
Nominal Discharge Current	5 KA
Maximum Discharge Current	10 KA
Voltage Protection Level	0.8 KV
Maximum Continuous Operating Voltage U _c	275 V
Min Required Inverter Input Cable Size	10mm ²
INVERTER OUTPUT FEED	
Max Operating AC Voltage	230 Vac
Max Current Inverter Output Main Circuit Breaker	25 A – 2 Pole
Min Required Inverter Output Cable Size	4mm ²
Inverter Indication Light	Red – 240 Vac
DISTRIBUTION BOARD	
Enclosure	PVC with Smokey Swing Door
IP Rating	IP 65
Double Insulated	YES
Dimension (L X W X D)	260(L) X 300(W) X 140(D)
Earth Bar	6 WAY
Neutral Bar	6 WAY
Installation Method	Wall Mounting
Operating Temperature	-20°C to 80°C



AC INPUT & OUTPUT DISTRIBUTION BOARD

TO BE USED IN CONJUNCTION WITH: **MAX-E-1 1KW**



PB-11

AC INPUT & OUTPUT PROTECTION BOX DATA SHEET	
Product Code	PB-11
MUNICIPAL FEED TO CHANGE OVER	
Max Operating AC Voltage	250 Vac
Max Current Mains Input Circuit Breaker to Change Over	63 A – 2 Pole
No of Poles for Changeover	2 Pole
Changeover Rated Voltage	400 Vac
Changeover Rated Current	40 A
Changeover Rated Impulse Withstand Voltage	4 KV
Front Operation with Three Stable Positions	I – O – II
Mains Indication light	Green - 240 Vac
INVERTER INPUT FEED FROM MUNICIPAL GRID	
Max Operating AC Voltage	230 Vac
Max Current Inverter Input Circuit Breaker	63 A – 2 Pole
Inverter input AC Surge Protection	Type 2
Nominal Discharge Current	5 KA
Maximum Discharge Current	10 KA
Voltage Protection Level	0.8 KV
Maximum Continuous Operating Voltage U _c	275 V
Min Required Inverter Input Cable Size	10mm ²
INVERTER OUTPUT FEED	
Max Operating AC Voltage	230 Vac
Max Current Inverter Output Main Circuit Breaker	50 A – 2 Pole
Min Required Inverter Output Cable Size	10mm ²
Inverter Indication Light	Red – 240 Vac
DISTRIBUTION BOARD	
Enclosure	PVC with Smokey Swing Door
IP Rating	IP 65
Double Insulated	YES
Dimension (L X W X D)	285(L) X 410(W) X 140(D)
Earth Bar	6 WAY
Neutral Bar	6 WAY
Installation Method	Wall Mounting
Operating Temperature	-20°C to 80°C

AC INPUT & OUTPUT DISTRIBUTION BOARD

TO BE USED IN CONJUNCTION WITH:
INFINISOLAR-WP-3P-12KW



PB-12

AC INPUT & OUTPUT PROTECTION BOX DATA SHEET	
Product Code	PB-12
MUNICIPAL FEED TO CHANGE OVER	
Max Operating AC Voltage	415 Vac
Max Current Mains Input Circuit Breaker to Change Over	40 A – 3 Pole
No of Poles for Changeover	3 Pole
Changeover Rated Voltage	400 Vac
Changeover Rated Current	40 A
Changeover Rated Impulse Withstand Voltage	4 KV
Front Operation with Three Stable Positions	I – O – II
Mains Indication light	R, W, B - 415 Vac
INVERTER INPUT FEED FROM MUNICIPAL GRID	
Max Operating AC Voltage	415 Vac
Max Current Inverter Input Circuit Breaker	40 A – 2 Pole
Inverter input AC Surge Protection	Type 2
Nominal Discharge Current	20 KA
Maximum Discharge Current	40 KA
Voltage Protection Level	≤1.2 KV
Maximum Continuous Operating Voltage U _c	275 V
Min Required Inverter Input Cable Size	10mm ²
INVERTER OUTPUT FEED	
Max Operating AC Voltage	415 Vac
Max Current Inverter Output Main Circuit Breaker	20 A – 3 Pole
Min Required Inverter Output Cable Size	10mm ²
Inverter Indication Light	R, W, B – 415 Vac
DISTRIBUTION BOARD	
Enclosure	PVC with Smokey Swing Door
IP Rating	IP 65
Double Insulated	YES
Dimension (L X W X D)	285(L) X 410(W) X 140(D)
Earth Bar	6 WAY
Neutral Bar	6 WAY
Installation Method	Wall Mounting
Operating Temperature	-20°C to 80°C