

# 4 Pole Metal Clad Enclosed Switch Disconnecter



Approvals	CB, CE & SEMKO
UL Standard	UL508
International/European Standard	IEC & EN 60947-1 and 3

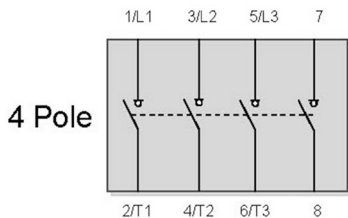
DATA	Range	MCLB1004PSTB	MCLB1254PSTB	Units	
<b>Rated operational voltage Ue</b>					
IEC & EN	Volts	690	690	V	
UL	Volts	600	600	V	
Main switch: Isolating voltage up to	Volts	750	750	V	
Rated impulse withstand voltage Uimp	Volts	6	6	kV	
Rated uninterrupted current Iu	Amps	100	125	A	
<b>Rated operational current Ie</b>					
IEC & EN	AC-22A	Up to 690V	100	125	A
	AC-21A	Up to 690V	100	125	A
	AC-1	Up to 690V	100	125	A
<b>Rated operational power AC-23A (50-60Hz)</b>					
IEC & EN	3 Phase	230(240)V	45	55	kW
		400(415)V	55	75	kW
		690V	90	90	kW
<b>Rated operational power AC-3 (50-60Hz)</b>					
IEC & EN	3 Phase	230(240)V	37	45	kW
		400(415)V	45	55	kW
		690V	55	55	kW
<b>UL Power Rating</b>					
DOL	3 Phase	120V	7.5	7.5	hp
		240V	20	30	hp
		480V	30	40	hp
		600V	40	50	hp
	1 Phase	120V	3	3	hp
		240V	7.5	7.5	hp
<b>UL Short Circuit Ratings</b>					
Fuse rating, class J	Amps	125	125	A	
Fuse rating, class RK5	Amps	-	-	A	
Rated Fused short circuit current	Amps	10	10	kA	
<b>Short Circuit Capacity (IEC)</b>					
Max fuse size (Type gl)	Amps	125	125	A	
Rated Fused short circuit current	Amps	30	30	kA	

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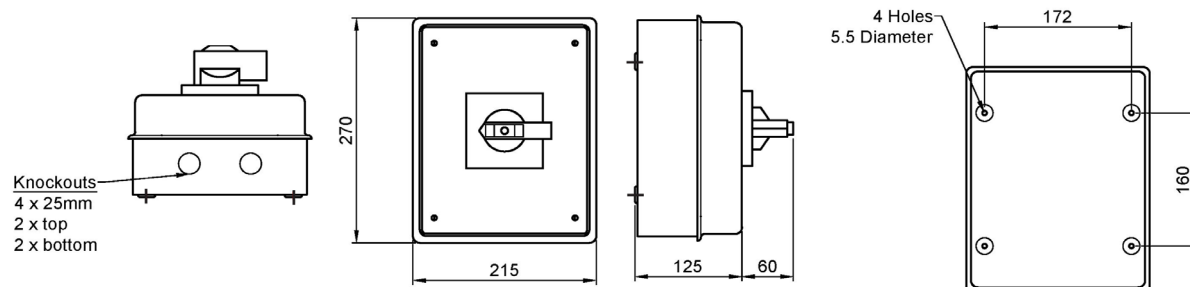


DATA	MCLB1004PSTB	MCLB1254PSTB	Units
<b>Terminal Specification</b>			
Single/ Multiple strand wire	2.5	2.5	Min-mm <sup>2</sup>
	50	50	Max-mm <sup>2</sup>
Fine strand with sleeve	4	4	Min-mm <sup>2</sup>
	50	50	Max-mm <sup>2</sup>
American wire gauge	1	1	AWG
Recommended Tightening Torque	2.5	2.5	Nm

## Terminal Configurations



## Enclosure Dimensions



Dimensions : Millimetres

## Part Number Table

Description	Part Number
4 Pole Metal Clad Enclosed Switch Disconnecter, 100A	MCLB1004PSTB
4 Pole Metal Clad Enclosed Switch Disconnecter, 125A	MCLB1254PSTB

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