

This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.  
All connections should also be inspected periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



## LBPM 25-125A AC-22

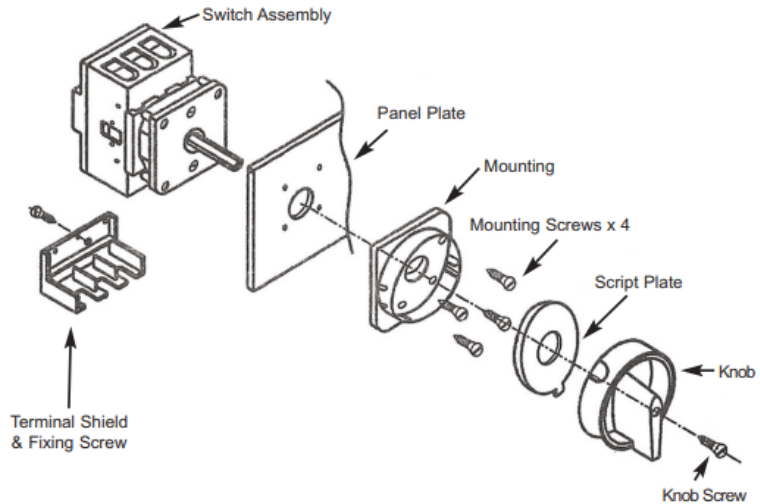
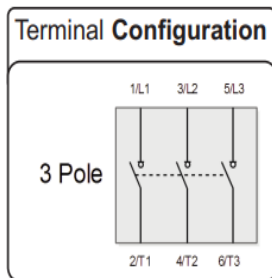
Switch Disconnectors - Panel Mount

IEC & EN 60947-1 and 3

| Data                                     |         | Range      | Units   | LBPM253P | LBPM323P | LBPM403P | LBPM633P | LBPM803P | LBPM1003P |
|------------------------------------------|---------|------------|---------|----------|----------|----------|----------|----------|-----------|
| Rated Operational Voltage Ue             |         |            |         |          |          |          |          |          |           |
| IEC & EN                                 |         | Volts      | V       | 690      | 690      | 690      | 690      | 690      | 690       |
| UL                                       |         | Volts      | V       | 600      | 600      | 600      | 600      | 600      | 600       |
| Main switch: Isolating voltage up to     |         | Volts      | kV      | 750      | 750      | 750      | 750      | 750      | 750       |
| Rated impulse withstand voltage Uimp     |         | Volts      | kV      | 6        | 6        | 6        | 6        | 6        | 6         |
| Rated uninterrupted current Iu           |         | Amps       | A       | 25       | 32       | 40       | 63       | 80       | 100       |
| Rated Operational Current Ie             |         |            |         |          |          |          |          |          |           |
| IEC & EN                                 | AC-22A  | Up to 690V | A       | 25       | 32       | 40       | 63       | 80       | 100       |
|                                          | AC-21A  | Up to 690V | A       | 32       | 40       | 63       | 80       | 80       | 100       |
|                                          | AC-1    | Up to 690V | A       | 32       | 40       | 63       | 80       | 80       | 100       |
| Rated Operational Power AC-23A (50-60Hz) |         |            |         |          |          |          |          |          |           |
| IEC & EN                                 | 3 Phase | 230(240)V  | kW      | 11       | 15       | 22       | 30       | 37       | 45        |
|                                          |         | 400(415)V  | kW      | 15       | 18.5     | 30       | 37       | 45       | 55        |
|                                          |         | 690V       | kW      | 22       | 22       | 45       | 45       | 90       | 90        |
| Rated Operational Power AC-3A (50-60Hz)  |         |            |         |          |          |          |          |          |           |
| IEC & EN                                 | 3 Phase | 230(240)V  | kW      | 7.5      | 11       | 15       | 22       | 30       | 37        |
|                                          |         | 400(415)V  | kW      | 11       | 11       | 18.5     | 22       | 37       | 45        |
|                                          |         | 690V       | kW      | 15       | 15       | 30       | 30       | 55       | 55        |
| UL Power Rating                          |         |            |         |          |          |          |          |          |           |
| DOL                                      | 3 Phase | 120V       | hp      | 3        | 3        | 5        | 7.5      | 5        | 7.5       |
|                                          |         | 240V       | hp      | 7.5      | 7.5      | 10       | 15       | 20       | 20        |
|                                          |         | 480V       | hp      | 15       | 20       | 20       | 25       | 30       | 30        |
|                                          |         | 600V       | hp      | 20       | 25       | 30       | 30       | 40       | 40        |
|                                          | 1 Phase | 120V       | hp      | 1.5      | 2        | 3        | 3        | 3        | 3         |
|                                          |         | 240V       | hp      | 2        | 3        | 5        | 7.5      | 7.5      | 7.5       |
| UL Short Circuit Ratings                 |         |            |         |          |          |          |          |          |           |
| Fuse rating, class J                     |         | Amps       | A       | 45       | 45       | 70       | 70       | 125      | 125       |
| Fuse rating, class RK5                   |         | Amps       | A       | -        | -        | -        | -        | -        | -         |
| Rated Fused short circuit current        |         | Amps       | kA      | 10       | 10       | 10       | 10       | 10       | 10        |
| Short Circuit Capacity (IEC)             |         |            |         |          |          |          |          |          |           |
| Max Fuse Size (Type gL)                  |         | Amps       | A       | 32       | 32       | 63       | 63       | 125      | 125       |
| Rated Fused Short Circuit Current        |         | Amps       | kA      | 30       | 30       | 30       | 30       | 30       | 30        |
| Terminal Specification                   |         |            |         |          |          |          |          |          |           |
| Single/ Multiple Strand Wire             |         |            | Min-mm² | 2.5      | 2.5      | 2.5      | 2.5      | 2.5      | 2.5       |
|                                          |         |            | Max-mm² | 10       | 10       | 25       | 25       | 50       | 50        |
| Fine Strand with Sleeve                  |         |            | Min-mm² | 0.75     | 0.75     | 2.5      | 2.5      | 4        | 4         |
|                                          |         |            | Max-mm² | 6        | 6        | 10       | 10       | 50       | 50        |
| American Wire Gauge                      |         |            | AWG     | 10       | 10       | 6        | 6        | 1        | 1         |
| Recommended Tightening Torque            |         |            | Nm      | 1.7      | 1.7      | 2.0      | 2.0      | 2.5      | 2.5       |

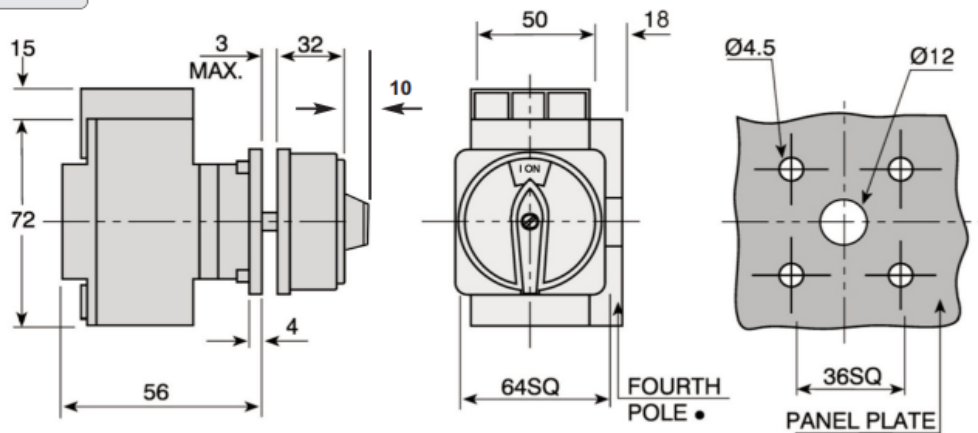
## LBPM 25-125A AC-22

Switch Disconnectors - Panel Mount



### 3 Pole Panel Mount Loadbreak Switch Dimensions (mm)

#### 25 to 63A



#### 80 to 100A

