

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



## LB315-5003PNLGP/PSNGP

AC-23@400V(415V)

Enclosed Door Interlocked Load Break Switches

- Bureau Veritas
- EN 60947- 1 & 3 Compliant
- IP66



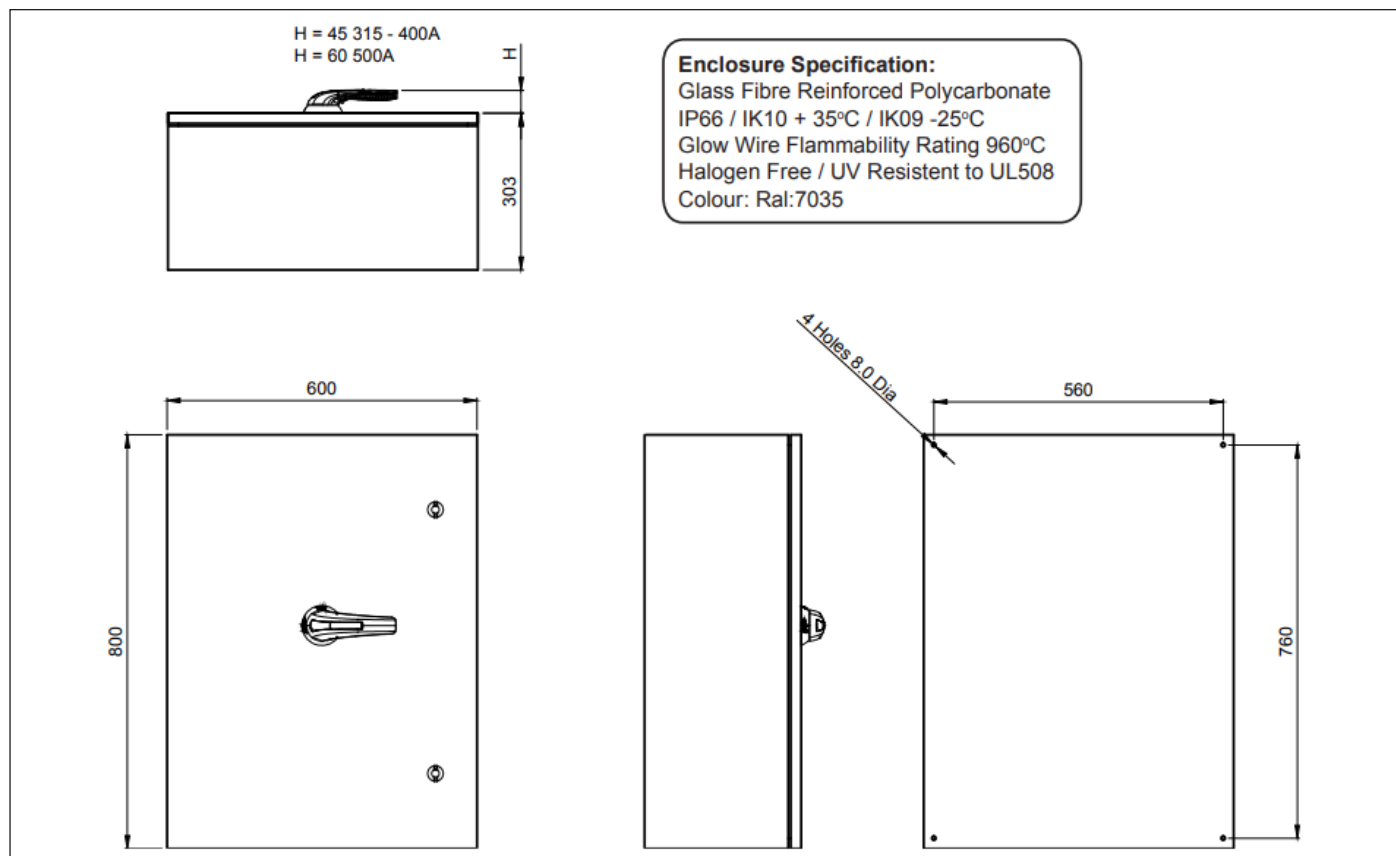
| Data   | Range | Units           | LB3153PNLGP<br>LB3153PSNGP | LB4003PNLGP<br>LB4003PSNGP | LB5003PNLGP<br>LB5003PSNGP |
|--|-------|-----------------|----------------------------|----------------------------|----------------------------|
| Rated thermal current I <sub>th</sub> at 50°C                    | Amps  | A               | 315                        | 400                        | 500                        |
| Rated insulation voltage U <sub>i</sub>                          | Volts | V               | 1000                       | 1000                       | 1000                       |
| Rated dielectric strength  | Volts | kV              | 5                          | 5                          | 8                          |
| Rated impulse voltage U <sub>imp</sub>                           | Volts | kV              | 8                          | 8                          | 12                         |
| Rated operational current I <sub>e</sub> at 400V AC-22           | Amps  | A               | 315                        | 400                        | 500                        |
| Rated operational current I <sub>e</sub> at 400V AC-23           | Amps  | A               | 315                        | 400                        | 500                        |
| Rated operational power P <sub>e</sub> at 400V AC-23             | Watts | kW              | 175                        | 222                        | 277                        |
| Rated breaking capacity  | Amps  | A               | 2520                       | 3200                       | 4000                       |
| Rated making capacity  | Amps  | A               | 3150                       | 4000                       | 5000                       |
| Rated short circuit making capacity (peak value) I <sub>cm</sub> | Amps  | kA              | 20                         | 20                         | 26                         |
| Rated short-time withstand current (1 sec) rms I <sub>cw</sub>   | Amps  | kA              | 12                         | 12                         | 16                         |
| Minimum number of mechanical operations                          | -     | Cycles          | 20.000                     | 20.000                     | 10,000                     |
| Minimum number of electrical operations @ 400V AC-23             | -     | Cycles          | 1.000                      | 1.000                      | 1,000                      |
| Terminal Capacity (rigid copper cable)                           | -     | mm <sup>2</sup> | 185                        | 240                        | 2x185                      |
| Lug bolt size  | -     | -               | M10                        | M10                        | M10                        |
| Maximum size of busbar connection                                | -     | mm              | 7x25                       | 7x40                       | 6x40                       |
| Tightening torque  | -     | Nm              | 18                         | 24                         | 24                         |

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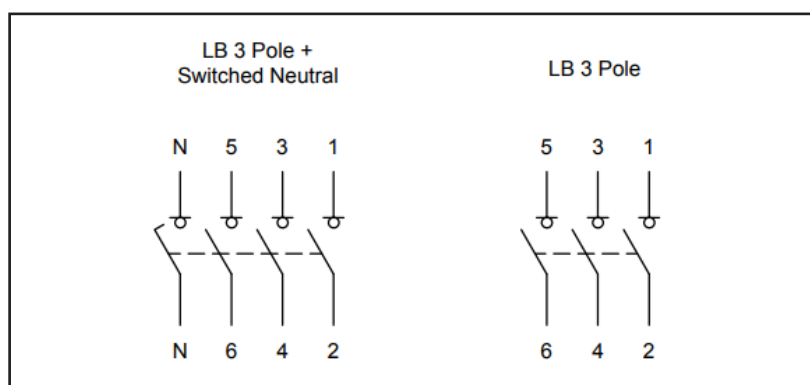
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### Enclosure Dimensions



### Terminal Configuration



Note: Neutral contact is  
Early Make/ Late break