



level1

VISUAL BREAK
ISOLATORS



Level 1 Visual Break Isolators



Prolec's standard range of Level 1 Visual Break Isolators come in a wide variety of sizes and amperage from 63AMP to 630AMP,

Our enclosures are constructed in house by our sheet metal surgeons using 2mm thick 316 marine grade stainless steel ensuring long service life and maximum durability.

All our enclosures are fitted with specifically designed stainless steel pad-lockable handles, powder coated gear plates and a mechanical interlock ensuring the door cannot be opened whilst the isolator is turned on or operation while door is open.

Isolators are available in 3 and 4 pole switching with AUX contacts fitted.

Other available options include larger switching, alternate material types and finishes or internal led lighting,

Prolec can custom make Level 1 Visual Break Isolators to suit any application on request.

Standard Features:

- 2mm thick, marine grade 316 stainless steel construction
- 3mm mild steel powder coated gear plate
- 304 stainless steel concealed hinges
- 6mm lexan Window
- 5mm x 25mm neoprene adhesive gasket
- 8mm square quarter turn latch
- Sloped roof for weather protection
- Engineered interlocking system
- Legrand isolator
- AUX contact
- Custom options available to suit your application

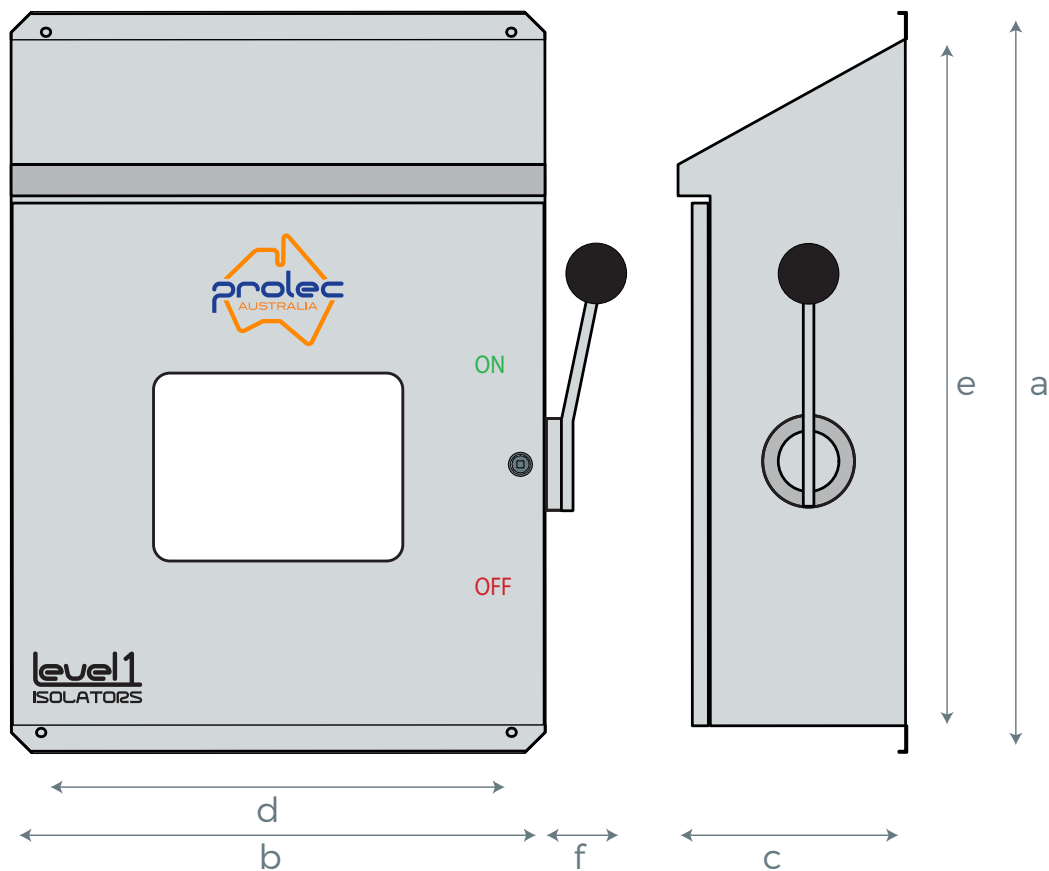
Optional internal LED lighting



Mechanical interlock



Specifications



ORDER CODE	POLE / AMP	MATERIAL	ENCLOSURE SIZE mm	MOUNTING HOLE		HANDLE
			a x b x c	d	e	f
ISO3P-63A	3 / 63A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO4P-63A	4 / 63A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO3P-100A	3 / 100A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO4P-100A	4 / 100A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO3P-125A	3 / 125A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO4P-125A	4 / 125A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO3P-160A	3 / 160A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO4P-160A	4 / 160A	#316 S/S	530 x 400 x 165	236	492.5	60mm
ISO3P-250A	3 / 250A	#316 S/S	640 x 500 x 190	336	604.5	60mm
ISO4P-250A	4 / 250A	#316 S/S	640 x 500 x 190	336	604.5	60mm
ISO3P-400A	3 / 400A	#316 S/S	640 x 500 x 190	336	604.5	60mm
ISO4P-400A	4 / 400A	#316 S/S	640 x 500 x 190	336	604.5	60mm
ISO3P-630A	3 / 630A	#316 S/S	850 x 600 x 215	436	818.5	60mm
ISO4P-630A	4 / 630A	#316 S/S	850 x 600 x 215	436	818.5	60mm
ISO-LED	SMALL INTERNAL LED LIGHT					
ISO-LED-L	LARGE INTERNAL LED LIGHT					



 **WARNING**
Live circuits may exist within the isolator at all times
This equipment must be installed by a qualified electrician!

READ ALL INSTRUCTIONS CAREFULLY PRIOR TO USE.

If you have any questions please contact Prolec on 02 4964 9660

Installation Instructions

MOUNTING

- Enclosure to be mounted to object of sufficient load rating.
- All cable entries are to be sealed with suitable glands.
- All glands to be fitted in accordance with manufacturer's instructions.
- Ensure handle can be operated and is free of obstruction.
- Ensure the lockout mechanisms can be operated.

WIRING

- Wiring to be carried out bby an experienced and qualified electrician.
- IP66 rated glands are recommended.
- Check the 'Specifications' section of this manual before installation.
- Wiring and cabling to be in accordance with the specification and design of this product.

Operation Instructions

ISOLATOR 'ON'

- Isolator main poles are closed.
- The contacts are visually closed.
- The door can NOT be opened.
- Isolator can NOT be locked out.
- Isolator can be switched OFF

ISOLATOR 'OFF'

- Isolator main poles are open.
- The contacts are visually open.
- The door CAN be opened.
- Isolator CAN be locked out.
- Isolator can NOT be switched ON if a 'personal lockout device' is in use.

Maintenance

Although Prolec Level 1 Isolators are intended to be low maintenance we recommended you carry out the following tasks periodically:

ISOLATE SUPPLY BEFORE CARRYING OUT ANY MAINTENANCE

- Carry out any maintenance as required by the LeGrand Vistop Isolator Instruction Manual.
- Clean the viewing window.
- Inspect fixing points for corrosion and tightness.
- Inspect door, seal, and locks for damage.
- Check operation of interlock mechanism.
- Check isolator cannot be locked out in 'ON' position.
- Check isolator can be 'locked out' in OFF position.
- Check the isolator contacts open and close as indicated and can be visually confirmed.
- Check all terminations for tightness.
- Check mounting pan fixture for tightness, damage and corrosion.

