

400A 3-Phase Load Break Switch

This 400A load break switch is designed for 3-phase electrical systems. It provides reliable isolation and switching capabilities in electrical circuits.



ADDITIONAL IMAGES



Overview



High-Performance Load Isolation

The HGL series load break switch is engineered for reliable 3-phase circuit making and breaking in demanding industrial environments. Featuring an elastic-accumulating accelerating mechanism, it achieves rapid switching speeds of 13.8m/s to effectively extinguish electric arcs. The robust shell, constructed from glass fiber reinforced polyester resin, provides superior flame resistance and dielectric performance for safe, long-term operation.

Key Performance Metrics

Key Performance Metrics

400 A

Rated Current

13.8 m/s

Switching Speed

660 V

Max AC Voltage

Technical Specifications

Rated Voltage (AC)	400V / 660V
Rated Voltage (DC)	440 V
Frequency	50 Hz
Number of Poles	3-Pole, 4-Pole
Installation	Fixed Type

Design & Materials



Safety Features

- Flame retardant V0 rating
- Parallel double gap contact with self-cleaning function
- Triple-lock handle capability in '0' position
- Instant release accelerating mechanism

Contact Material	Copper alloy plated with silver (T2 Copper)
Enclosure Material	Unsaturated polyester resin reinforced by glass fibre

Product Range

Available Models & Ratings

Model Series	Poles	Rated Current Options
HGL-160	3P/4P	100A, 160A
HGL-250	3P/4P	200A, 250A
HGL-400	3P/4P	315A, 400A
HGL-630	3P/4P	500A, 630A
HGL-1250	3P/4P	800A, 1000A, 1250A
HGL-3150	3P/4P	1600A, 2500A, 3150A

Compliance & Quality

Certifications

CE • TUV • CCC • CB • ISO • ROHS • SABER

Warranty	18 Months
----------	-----------