



Circuit Breakers, Terminal Shields, Fuses And Enclosures

Master Instruments now carries a wide range of DC circuit breakers & associated protection devices to support battery and power system builds. With these great range additions, you can now access all of the system components in the one place.



Moulded Case Circuit breakers:

The Ex9MD range of moulded case circuit breakers (MCCB) provide high current breaking capabilities for DC circuits.

Used primarily on battery banks, MCCBs provide a more serviceable approach to protection than standard NH fuse bases.

Features:

- 5 frame sizes - 80A to 800A
- High breaking capacity
- Installation flexibility
- Field installable accessories
- Certified to EN 60947
- DC switching voltage 250V DC per pole e.g. 2 pole = 500V DC
- 2 and 3 poles models available from 80A to 800A



Miniature Circuit breakers:

The Ex9BP-N series of miniature circuit breakers from Noark Electric, are non polarised and available in 2 and 4 pole designs.

DC switching voltage 180V DC per pole (e.g. 4 pole = 720V DC).

2 Pole models available from 10A to 63A.

Terminal Shields:

The Noark terminal shields are a great addition to the MCCB range by offering touch protection of the terminals themselves.

With options for 2 and 3 pole MCCB's ranging from 80A to 800A, the covers provide peace of mind in any system build.



Circuit Breaker Enclosures:

The IP65 rated enclosures from PV Power & Noark offer IP65 water ingress protection for circuit breakers.

The PV power models offer watertight wall-mounted distribution boards for domestic and industrial fitments for mounting modular equipment for protection (IP65) against water, dust and more. Designed for use with the Noark Miniature circuit breaker range and available from 4 to 36 poles.

Also coming soon is the brand new Noark NWPB-1 IP65 rated enclosure, designed for use with the Noark molded case circuit breaker range. This unit is suitable for 2 pole MCCB's from 80A-250A, frame sizes 1 and 2.

IP65 Enclosures

The PV Power IP65 enclosures are manufactured in Europe from ASA (Acrylonitrile Styrene Acrylate) for outstanding resistance to weather and aging. Available from 4 pole to 36 pole with blanking plates included for unused pole spaces. These enclosures are fitted with a small handle for locking the door and can be retrofitted with a key lock assembly.

Each enclosure is equipped with multiple metric knockouts in numerous sizes, in top, bottom and sides for extra versatility.

Technical characteristics:

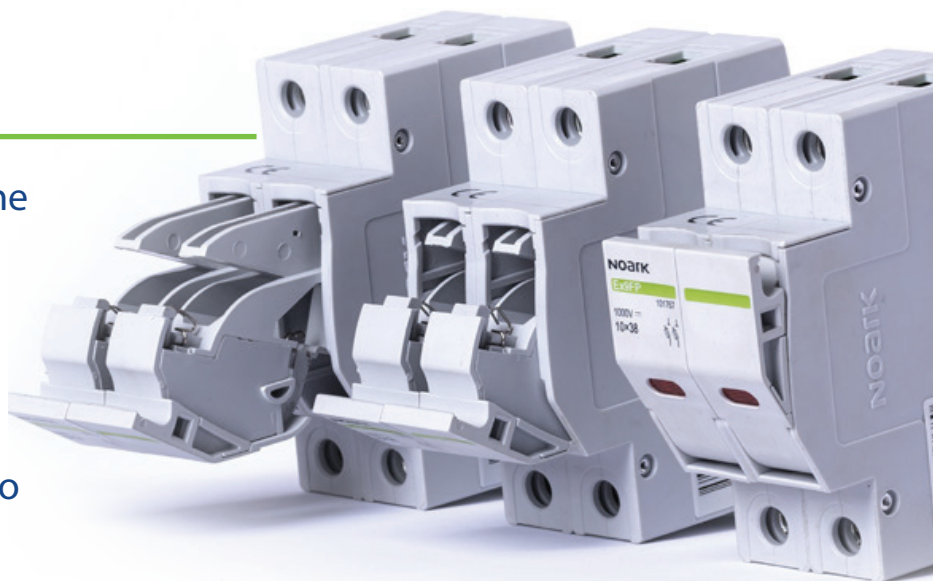
- Material: Acrylonitrile Styrene Acrylate (ASA)
- Resistance of insulating material to fire (glow wire test): 650°C
- Complies with: IEC 60670-1:2002 IEC 60670-24:2005
- Rated voltage: 1000VDC
- Tamper evident security seal provisions
- Protection degree IP65
- Insulation class II
- Optional key lock available
- Made in Europe
- UV stabilised



NOARK

Master Instruments now stocks the NOARK 2 pole PV Fuse holder rated at 1000V DC with indicator for integration into consumer housings.

The GAVE brand 20A fuses are also available and in stock.



Get in touch with us

The above ranges are constantly growing so the MI website is your first port of call for all product information. All product pages feature specifications and datasheets, etc. If you'd like to know more about this, please contact any of our helpful sales staff.

Our brands: *Through years of experience and research, we only stock and supply the brands we support and trust.*

Drypower Batteries

PYLONTECH

victron energy
BLUE POWER

MG ENERGY SYSTEMS
Innovation in energy storage

SUN XTENDER
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NOARK

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