

NOARK

# ASD32H3DH800

Air switch-disconnector MCS - 1800178 - UL1066 - 3200A frame - 3P3d - 800A rated - withdrawable horizontal connection - 600Vac

Withdrawable / drawout front-operated power switch-disconnector (MCS) - 100kA interrupting/short time withstanding rating - non-fusible - UL1066 - NOARK (ASD32 series) - 3-poles (3P3d) - Rated current 800A - Withdrawable / drawout chassis with rear horizontal connection pads - 3200A frame - equivalent to 1800178

## Additional information

The technical information provided in the datasheet is subject to change without notice. For confirmation, please contact NOARK's product support team.

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Switch-disconnector |
| **Product series / family name** | Electrical protection > Disconnector switches > AC non-automatic power switch-disconnectors |
| **Sub-range name** | ASD32 series |
| **Functions** | Withdrawable / drawout front-operated power switch-disconnector (MCS) |
| **Design** | 100kA interrupting/short time withstanding rating<br>non-fusible<br>3200A frame |
| **Poles** | 3-poles (3P3d) |
| **Rated current** | 800A |
| **Rated voltage (AC)** | 600Vac |
| **Connection type** | Withdrawable / drawout chassis with rear horizontal connection pads (simpler electrical circuits mechanical design; higher breaker derating) |
| **Short circuit withstand current (Icw)** | 100kA (240Vac)<br>100kA (480Vac)<br>100kA (600Vac) |
| **Dimensions** | H430mm x W435.1mm x D540mm<br>H16.93" x W17.13" x D21.26" |

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| | |
|---|---|
| **Order code / Manufacturer SKU** | ASD32H3DH800<br>1800178 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1800178 |
| **Compliant with standard(s)** | UL1066<br>UL1066 (low-voltage AC and DC power circuit breakers)<br>CSA C22.2 No.31<br>ANSI C37.13 (low-voltage power circuit breakers)<br>ANSI C37.16 (low-voltage power circuit breakers ratings; related requirements and applications)<br>ANSI C37.17 (IEEE standard for trip systems)<br>ANSI C37.50 (low-voltage AC power circuit breakers; test procedure) |
| **Electrical durability** | 6000 hours |
| **Mechanical durability** | 10000 hours |

## Benefits

NOARK Electric is proud to offer its A32 family of Power Circuit Breakers, Non-Automatic Disconnect Switches, and accessories.
Our A32 products are optimized for OEMs and are manufactured under world-class quality systems in our ISO accredited factories.
Like all NOARK products, these breakers are designed to deliver high quality, superior performance, and outstanding value.

A32 Power Circuit Breakers are available up to 3200 amps and are capable of IC ratings up to 100kA at 635 Volts.
UL Listed and CSA Certified, the A32 family of products provide design standardization for OEM's no matter where they do business.
A32 breakers offer a broad range of available trip units, accessories, and communications options.
They are the ideal OEM solution for low voltage switchgear and customized power distribution assemblies.
They can be used in Data Centers, Standby Power, Industrial, Healthcare and Commercial applications.

Ratings
- 800A through 3200A
- IC ratings up to 100kA at 635V
- Short-Time Withstand, 100kA at 635V
- 50 or 60Hz operation
- 3 Pole and 4 Pole designs
- 10000 Operations, before maintenance (Mechanical)
- 6000 Operations, before maintenance (Electrical)
- Meets ANSI C37.13, C37.16, C37.17 and C37.50

Approvals
- UL 1066, Low-Voltage AC and DC Power Circuit Breakers
- CSA C22.2 No. 31
- ANSI C37.13 Low Voltage Power Circuit Breakers

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- ANSI C37.16 Low Voltage Power Circuit Breakers Ratings, Related Requirements and Applications
- ANSI C37.17 - IEEE Standard for Trip Systems
- ANSI C37.50 - Low Voltage AC Power Circuit Breakers, Test Procedure

Protection & Control Options
- LI, LSI, or LSIG Protection
- Standard LED display
- Color LCD display available
- Optional multi-metering trip unit with total harmonic distortion analysis and waveform capture
- Stored energy operating mechanism
- AC and DC rated motor operator, shunt trip and undervoltage release accessories
- Arc Flash Reduction Maintenance Mode
- Zone Selective Interlocking
- RS-485 Modbus Communication available

Design Features
- UL/CSA field-installable accessories
- Rear horizontal or vertical connections
- Through-the-door design
- 3 Pole and 4 Pole designs
- OEM optimized Cassette
- Phase barriers (optional)
- Available as Disconnect Switch (ASD32)

## Documents

E-PLAN - NOARK - ASD32H3DH800 - Part details

NOARK - Power Circuit Breakers and Non-Automatic Switches - Catalog.pdf

Access to all NOARK drawings

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