

NOARK

# ASD25H3FV1600

Air switch-disconnector MCS - 1800795 - UL1066 - 2500A frame - 3P3d - 1600A rated - rear fixed vertical connection

Fixed-type front-operated power switch-disconnector (MCS) - 85kA interrupting/short time withstanding rating - non-fusible - UL1066 - NOARK (ASD25 series) - 3-poles (3P3d) - Rated current 1600A - Rear fixed-type vertical connection pads - 2500A frame - equivalent to 1800795

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Switch-disconnector |
| **Product series / family name** | Electrical protection > Disconnector switches > DC non-automatic power switch-disconnectors |
| **Sub-range name** | ASD25 series |
| **Functions** | Fixed-type front-operated power switch-disconnector (MCS) |
| **Design** | 85kA interrupting/short time withstanding rating<br>non-fusible<br>2500A frame |
| **Poles** | 3-poles (3P3d) |
| **Rated current** | 1600A |
| **Rated voltage (AC)** | 847Vac (50/60Hz) |
| **Connection type** | Rear fixed-type vertical connection pads<br>(more advanced electrical circuits mechanical design; lower breaker derating) |
| **Short circuit withstand current (Icw)** | 85kA (240Vac)<br>85kA (480Vac)<br>85kA (600Vac)<br>85kA (800Vac) |
| **Dimensions** | H368mm x W318mm x D306mm<br>H14.49" x W12.52" x D12.05" |
| **GTIN code** | 840352748829 |
| **Order code / Manufacturer SKU** | ASD25H3FV1600<br>1800795 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1800795 |

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|---|---|
| **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** | (635Vac) 6000 hours<br>(847Vac) 3000 hours |
| **Mechanical durability** | 10000 hours |

## Benefits

NOARK Electric is proud to offer its A25 family of Power Circuit Breakers, Non-Automatic Disconnect Switches, and accessories.
Our A25 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.

A25 Power Circuit Breakers are available up to 2500A and are capable of IC ratings up to 85kA at 847 Volts.
UL Listed and CSA Certified, the A25 family of products provide design standardization for OEMs no matter where they do business.
A25 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 used in Data Centers, Standby Power, Industrial, Healthcare and Commercial applications.

Ratings
- 600A through 2500A
- IC ratings up to 85kA at 847V
- Short-Time Withstand, 85kA at 847V
- 50 or 60 Hz operation
- 3-pole and 4-pole designs
- 10,000 Operations, before maintenance (Mechanical)
- 6000 Operations, before maintenance (Electrical)
- Meets ANSI C37.13, C37.16, C37.17 and C37.50
- 100% rated for continuous operation at maximum current rating.

Approvals
- UL 1066, Low-Voltage AC and DC Power Circuit Breakers
- CSA C22.2 NO.268
- ANSI C37.13 Low Voltage Power Circuit Breakers
- 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

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- 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 (ASD25)

## Documents

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

Access to all NOARK drawings

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