

NOARK

# ASD16DC4QL1000

DC MCS - 1800493 - 4P4d - 1000A rated - front fixed connection - 1500Vdc - 75kA

Fixed-type front-operated DC moulded case switch-disconnector (MCS) - non-fusible - NOARK (ASD16 series) - 4-poles (4P4d) - Rated current 1000A - Interrupting capacity 75kA (1500Vdc) - Front fixed-type connection pads - 1600A frame - equivalent to 1800493

## 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 > DC non-automatic power switch-disconnectors |
| **Sub-range name** | ASD16 series |
| **Functions** | Fixed-type front-operated DC moulded case switch-disconnector (MCS) |
| **Design** | non-fusible<br>1600A frame |
| **Poles** | 4-poles (4P4d) |
| **Rated current** | 1000A |
| **Rated Voltage (DC)** | 1500Vdc |
| **Connection type** | Front fixed-type connection pads |
| **Short circuit breaking rating** | 75kA (1500Vdc) |
| **Response time** | (breaking time) max. 30ms / 0.03 s<br>(closing time) max. 60ms / 0.06 s |
| **Dimensions** | H473mm x W364mm x D198.5mm<br>H18.62" x W14.33" x D7.81" |
| **Ambient air temperature for operation** | -45˚C...+70 ˚C |
| **Order code / Manufacturer SKU** | ASD16DC4QL1000<br>1800493 |

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# ASD16DC4OL1000

DC MCS - 1800493 - 4P4d - 1000A rated - front fixed connection - 1500Vdc - 75kA

| | |
|---|---|
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1800493 |
| **Electrical durability** | 12500 hours |
| **Mechanical durability** | 500 hours |

## Benefits

NOARK Electric ASD16 DC disconnect switches comply with UL489B - For Photovoltaic Systems and UL 489 Supplement SC - For Batteries and Energy Storage Systems.
The DC switch is available in current ratings of 600A through 1600A with short-time withstand current up to 75kA at 1500 Vdc.
The ASD16 DC disconnect switch features a poles in-series design and a jumper connection configuration for ungrounded systems.
The ASD16 DC disconnect switch is backed by a 1-year limited warranty.

- Rated current 600A - 1600A
- Rated operational voltage up to 1500Vdc (4-Pole in series)
- Short circuit withstand current 75kA
- 12,500 Operations, before maintenance (Mechanical )
- Compact design for limited space in combiner box or the solar inverter
- An extensive range of accessories
- Factory mounted connection jumpers comply with UL regulations.

Certifications
- UL489B - Photovoltaic Systems
- UL 489 SUPPLEMENT SC - Batteries and Energy Storage Systems

## Documents

NOARK - UL Disconnect Switches - ASD16 ASD25 - Datasheet.pdf

Access to all NOARK drawings

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