

NOARK

ASD16DC4QL1600

DC MCS - 1800495 - 4P4d - 1600A 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 1600A - Interrupting capacity 75kA (1500Vdc) - Front fixed-type connection pads - 1600A frame - equivalent to 1800495

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

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 1600A frame
Poles	4-poles (4P4d)
Rated current	1600A
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 (closing time) max. 60ms / 0.06 s
Dimensions	H473mm x W364mm x D198.5mm H18.62" x W14.33" x D7.81"
Ambient air temperature for operation	-45˚C...+70 ˚C
Order code / Manufacturer SKU	ASD16DC4QL1600 1800495

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ASD16DC4OL1600

DC MCS - 1800495 - 4P4d - 1600A rated - front fixed connection - 1500Vdc - 75kA

Manufacturer product status	Commercialized
Equivalent to	1800495
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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