

NOARK

ASD25DC4FVD1600

DC MCS - 1800414 - D-type wiring - 2500A frame - 4P4d - 1600A rated - rear fixed vertical connection - 1500Vdc - 125kA

Fixed-type front-operated DC moulded case switch-disconnector (MCS) - D-type wiring - 125kA interrupting/short time withstanding rating - non-fusible - NOARK (ASD25 series) - 4-poles (4P4d) - Rated current 1600A - Interrupting capacity 125kA (1500Vdc) - Rear fixed-type vertical connection pads - 2500A frame - equivalent to 1800414

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	ASD25 series
Functions	Fixed-type front-operated DC moulded case switch-disconnector (MCS)
Design	D-type wiring 125kA interrupting/short time withstanding rating non-fusible 2500A frame
Poles	4-poles (4P4d)
Rated current	1600A
Rated Voltage (DC)	1500Vdc
Connection type	Rear fixed-type vertical connection pads (more advanced electrical circuits mechanical design; lower breaker derating)
Short circuit breaking rating	125kA (1500Vdc)
Response time	(breaking time) max. 30ms / 0.03 s (closing time) max. 70ms / 0.07 s
Dimensions	H391.9mm x W465.1mm x D432.1mm H15.43" x W18.31" x D17.01"

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Ambient air temperature for operation	-40˚C...+70 ˚C
Order code / Manufacturer SKU	ASD25DC4FVD1600 1800414
Manufacturer product status	Commercialized
Equivalent to	1800414
Electrical durability	12500 hours
Mechanical durability	2000 hours

Benefits

NOARK Electric ASD25 DC disconnect switches are available in current ratings of 800A-2500A.
They offer short-time withstand current capabilities of up to 150kA at 1500Vdc.
The ASD25 DC disconnect switch features a poles-in-series design.
It offers jumper connection configurations are offered for grounded and ungrounded systems.
The ASD25 DC disconnect switch is backed by a 1-year limited warranty.

Features
- UL489B / UL489 Supplement SC Compliant.
- Operating voltage up to 1500Vdc (4-poles in series)
- Rated short-time withstand current up to 150kA Can be used in grounded and ungrounded systems.
- Ambient temperature 40˚C-70˚C
- Full line of internal and external accessories available.
- Factory mounted connection jumpers comply with UL regulations.

Documents

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

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