List No. NXSB06AFD

NH / NM / NMX

6A 30mA SPswN B Curve 6kA Type A Miniature Bi-Directional AFDD RCBO

- Single module, Miniature Bi-Directional AFDD RCBO combined
- 6A B curve (MCB), 30mA Type A (RCD)
- Single pole with switched neutral
- No miss busbar connection
- Fits NM & NMX consumer units and NH L range Distribution Boards

Product Specification Data	Revision Date: 11/12/2025
Number of poles (total)	2
Number of protected poles	1
Rated voltage	230 V
Rated insulation voltage Ui	400 V
Rated impulse withstand voltage Uimp	4 kV
Rated current	6 A
Rated fault current	0.03 A
Leakage current type	A
Current limiting class	3
Rated short-circuit breaking capacity Icn according to EN 61009-1	6 kA
Disconnection characteristic	Undelayed
Voltage type	AC
Frequency	50 Hz
Release characteristic	B
Concurrently switching neutral conductor	Yes
With interlocking device	No
Over voltage category	3
Ambient temperature during operating	-5 - 40 °C
Width in number of modular spacings	1
Built-in depth	73 mm
Flush-mounted installation	No
Anti-nuisance tripping version	No
Degree of protection (IP)	IP20
Connectable conductor cross section solid-core	.75-16 mm²
Connectable conductor cross section multi-wired	.75-16 mm²
Product Standard/s	IEC 61009-1, BS EN 62606
CE Conformity	Yes
WEEE Symbol	Yes

Although every effort has been made to ensure accuracy in the compilation of the technical detail within this datasheet, specifications and performance data are constantly changing. Latest details can be obtained from the Electrium website.

UKCA Conformity	Yes

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