

## List No. NHXS1C16

## NH / NM / NMX

16A 30mA SPswN C Curve 6kA Type A Miniature Bi-Directional RCBO



- Single module, Miniature Bi-Directional RCBO
- 16A C 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

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       16 A         Rated fault current       0.03 A         Leakage current type       A         Current limiting class       3         Rated short-circuit breaking capacity Icn according to EN 6 kA       6 kA         61009-1       Undelayed         Voltage type       AC         Frequency       50 Hz         Release characteristic       C         Concurrently switching neutral conductor       Yes         With interlocking device       No         Over voltage category       3         Ambient temperature during operating       -5 - 40 °C	
Rated voltage 230 V Rated insulation voltage Ui 400 V Rated impulse withstand voltage Uimp 4 kV Rated current 16 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 Disconnection characteristic Undelayed Voltage type AC Frequency 50 Hz Release characteristic C Concurrently switching neutral conductor Yes With interlocking device No Over voltage category 3	
Rated insulation voltage Ui Rated impulse withstand voltage Uimp  Rated current  Rated fault current  16 A  Rated fault current  0.03 A  Leakage current type  A  Current limiting class  Rated short-circuit breaking capacity Icn according to EN 61009-1  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Frequency  Release characteristic  C  Concurrently switching neutral conductor  With interlocking device  Over voltage category  3 4 kV  4	
Rated impulse withstand voltage Uimp  Rated current  Rated fault current  Double Current type  A  Current limiting class  Rated short-circuit breaking capacity Icn according to EN 61009-1  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Frequency  Release characteristic  C  Concurrently switching neutral conductor  With interlocking device  No  Over voltage category  3 4  KV  A  KV  In A	
Rated current 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 Disconnection characteristic Undelayed Voltage type AC Frequency 50 Hz Release characteristic C Concurrently switching neutral conductor With interlocking device No Over voltage category 3	
Rated fault current  Leakage current type  A  Current limiting class  Rated short-circuit breaking capacity Icn according to EN 61009-1  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Release characteristic  Concurrently switching neutral conductor  With interlocking device  Over voltage category  0.03 A  A  A  C  C  A  C  No  Over voltage category  A  C  No  Over voltage category  A  Outer type  A  No  Over voltage category  A  Outer type  No  Outer	
Leakage current type Current limiting class 3 Rated short-circuit breaking capacity Icn according to EN 61009-1 Disconnection characteristic Undelayed Voltage type AC Frequency Frequency Felease characteristic  C Concurrently switching neutral conductor With interlocking device Over voltage category  A  A  C  A  A  C  FA  B  B  B  C  C  C  C  C  C  C  C  C  C	
Current limiting class  Rated short-circuit breaking capacity Icn according to EN 61009-1  Disconnection characteristic  Voltage type  AC  Frequency  Frequency  Release characteristic  Concurrently switching neutral conductor  With interlocking device  Over voltage category  3  6 kA  6 kA  6 kA  C  C Undelayed  C  C  CO  CO  CO  CO  CO  CO  CO  CO	
Rated short-circuit breaking capacity Icn according to EN 61009-1  Disconnection characteristic  Undelayed  Voltage type  AC  Frequency  Frequency  Release characteristic  C  Concurrently switching neutral conductor  With interlocking device  Over voltage category  6 kA  6 kA	
61009-1  Disconnection characteristic  Voltage type  AC  Frequency  Felease characteristic  Concurrently switching neutral conductor  With interlocking device  Over voltage category  Undelayed  AC  C  C  C  NO  S  NO  Over voltage category  S  Undelayed  C  C  NO  S  NO  S  NO  S  NO  S  S  S  S  S  S  S  S  S  S  S  S  S	
Voltage type AC Frequency 50 Hz Release characteristic C Concurrently switching neutral conductor Yes With interlocking device No Over voltage category 3	
Frequency  Release characteristic  Concurrently switching neutral conductor  With interlocking device  Over voltage category  50 Hz  C  No  3	
Release characteristic C Concurrently switching neutral conductor Yes With interlocking device No Over voltage category 3	
Concurrently switching neutral conductor  With interlocking device  Over voltage category  Yes  No  3	
With interlocking device No Over voltage category 3	
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)	
Connectable conductor cross section solid-core .75-16 mm <sup>2</sup>	
Connectable conductor cross section multi-wired .75-16 mm²	
Product Standard/s IEC 61009-1	
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.

Draduct S	pecification	Data	cont
i ioduct S	pecification	Dala	COLL

Revision Date: 01/03/2024

**UKCA** Conformity

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.

