



FOR TRANSF. PROTECT.,
SIZE NH3 3-POLE SWITCHABLE NEW DESIGN

Similar to image

General technical details:		
Suitability for installation		Transformer protection
Number of poles		3
Continuous current		
• rated value	A	1,154
• at 35 °C / rated value	A	1,154
• at 40 °C / rated value	A	1,096
• at 45 °C / rated value	A	1,038.5
• at 50 °C / rated value	A	980.5
• at 55 °C / rated value	A	923
• at 60 °C / rated value	A	865.5
• at 65 °C / rated value	A	807
• at 70 °C / rated value	A	750
Type from device		fixed mounting
Insulation voltage / rated value	V	1,000
Operating voltage		
• at 50/60 Hz / for AC / rated value	V	400
Operating current		
• at AC-21 B		

• at 400 V / rated value • at 500 V / rated value • at 690 V / rated value	A	1,154
• at AC-22 B • at 400 V / rated value • at 500 V / rated value • at 690 V / rated value	A	1,154
• at AC-23 B • at 400 V / rated value	A	910
Fuse system		LV HRC fuse
Installation size of fuse-link		NH3
Active power loss / maximum	W	400
Protection class IP / on the front		IP30
Product component • undervoltage release mechanism • undervoltage release with leading contact • Voltage trigger		No No No
Design of the safety monitoring		No
Number of the transformers		0
Arrangement of electrical connectors / for main current circuit		Flat terminals
Design of the electrical connection / for main current circuit		flat connector
Center line spacing • 40 mm • 50 mm • 60 mm • 100 mm • 185 mm	mm	185 No No No No Yes
mounting position		vertical
Width	mm	99.5
Height	mm	662
Depth	mm	195
Ambient temperature • during operating	°C	-25 ... +55
Item designation / according to DIN EN 81346-2		Q
Reference code / according to DIN EN 61346-2		Q

Certificates/approvals:

**General Product
Approval**

other



[Declaration of
Conformity](#)

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3NJ4163-3BF01>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3NJ4163-3BF01/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4163-3BF01

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

[Datanorm](#) [GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)

last change:

Jul 14, 2014