SIEMENS

Data sheet

3WL1108-2AA32-1AJ2

fixed-mount non-aut. circuit-b. 3-pole, size I, IEC In=800A to 690V, AC50/60Hz Icu=55kA at 500V rear connection horizontal without overcurrent release With manual operating mechanism with storage with mechanical request without 1st auxiliary release With 2nd auxiliary release "R", F3 Undervoltage, instant. 24 V DC 2NO+2NC

product brand name product designation ACB design of the product design of the product design of the product type of the driving mechanism / motor drive type of the driving mechanism / motor drive design of the overcurrent release without General technical data number of poles size of the circuit-breaker utilization category B size of the circuit-breaker / Design Voltage Rated insulation voltage UI insulation voltage / rated value operating voltage • at AC / at 50/60 Hz / rated value • protection class IP / on the front • protection function of the overcurrent release Dissipation power loss [W] • for rated value of the current / at AC / in hot operating state / per pole • maximum Main circuit operating frequency • 1 / rated value • 2 / rated value 60 Hz Auxiliary circuit number of NC contacts / for auxiliary contacts 2 Suitability sustability
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Product details
product component
• trip indicator No
• voltage trigger No
• undervoltage release Yes
design of the auxiliary switch 2 NO + 2 NC
product extension / optional / motor drive Yes
Product function
product function
• grounding protection No
Display and operation
display version without display

Short circuit	
operating short-circuit current breaking capacity (lcs)	
at 415 V / rated value	55 kA
at 500 V / rated value	55 kA
at 690 V / rated value	42 kA
maximum short-circuit current breaking capacity (Icu)	
at 415 V / rated value	55 kA
at 500 V / rated value	55 kA
at 690 V / rated value	42 kA
Connections	
arrangement of electrical connectors / for main current circuit	Main connection rear side horizontal
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	439.5 mm
width	320 mm
depth	337 mm
fastening method	fixed mounting
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	70 °C
Further information	

Information on the packaging

om/cs/ww/en/view/109813875

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1108-2AA32-1AJ2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1108-2AA32-1AJ2

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

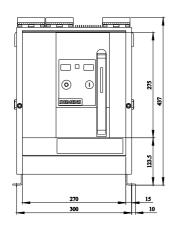
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1108-2AA32-1AJ2

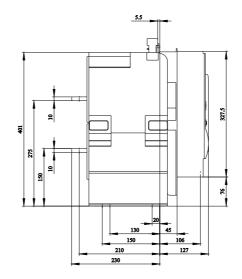
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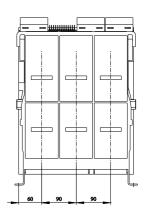
http://www.siemens.com/cax

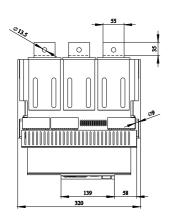
Tender specifications

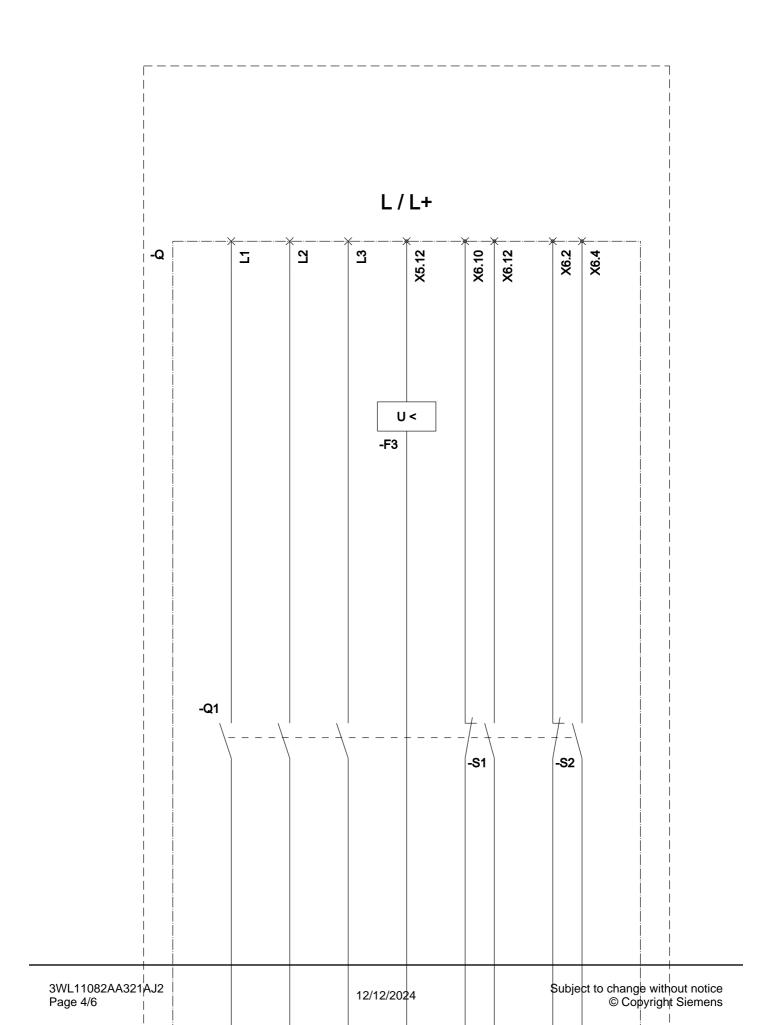
http://www.siemens.com/specifications











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