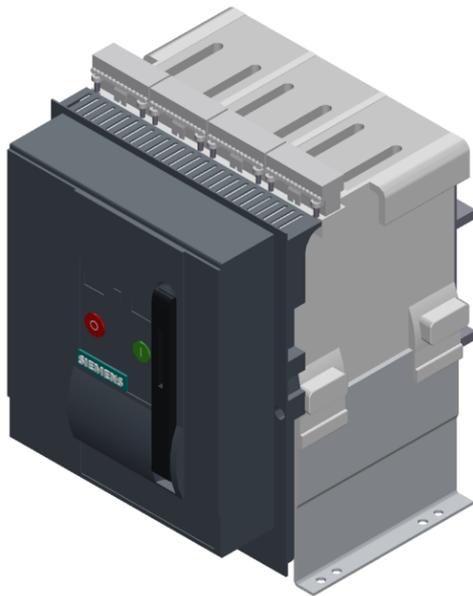


fixed-mount non-aut. circuit-b. 3-pole, size I, IEC In=1000A to 690V, AC50/60Hz Icu=55kA at 500V rear connection horizontal without overcurrent release Motorized/manual operating mechanism with memory Drive motor AC 50/60 Hz 110-127 V AC or 110-125 V DC Activation 50/60 Hz 110 V AC, 110 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 110 V AC/110 V DC, 100% on-load factor With 2nd auxiliary release "F", F2 Shunt release 110 V AC/DC 100% on-load factor 4NO+4NC T40= Door sealing frame



Model	
Product brand name	SENTRON
Product designation	ACB
Design of the auxiliary switch	4 NO + 4 NC
Design of the product	IEC 60947-2
Design of the operating mechanism	Pushbutton

Type of the driving mechanism	Manual/motorized operating mechanism with mechanical and electrical closing
Type of the driving mechanism / motor drive	Yes
Design of the overcurrent release	without

General technical data

Number of poles	3
Size of the circuit-breaker	1
Electrical endurance (switching cycles) / typical	20 000
Usage category	B
circuit-breaker / Design	3WL1
Mechanical service life (switching cycles) / typical	20 000

Voltage

Rated insulation voltage U_i	1 000 V
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Protection class

Protection class IP	IP41
Protective function of the overcurrent release	without

Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	33.3 W
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Electricity

Operating current / at 45 °C / rated value	1 000 A
Continuous current / rated value	1 000 A
Short-time current resistance (I_{cw})	
• limited to 0.5 s / rated value	55 kA
• limited to 1 s / rated value	42 kA
• limited to 2 s / rated value	29.5 kA
• limited to 3 s / rated value	24 kA

Main circuit

Operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Operating current	
• at 40 °C / rated value	1 000 A
• at 50 °C / rated value	1 000 A
• at 55 °C / rated value	1 000 A
• at 60 °C / rated value	1 000 A
• at 65 °C / rated value	1 000 A
• at 70 °C / rated value	1 000 A

Auxiliary circuit	
Number of NC contacts / for auxiliary contacts	4
Number of NO contacts / for auxiliary contacts	4
Suitability	
Suitability for use	Contact unit without release
Product details	
Product component	
<ul style="list-style-type: none"> • Trip indicator 	No
<ul style="list-style-type: none"> • Voltage trigger 	Yes
<ul style="list-style-type: none"> • undervoltage release 	No
Product extension / optional / motor drive	No
Product function	
Product function	
<ul style="list-style-type: none"> • Ground fault protection 	No
Display and operation	
Display version	without display
Short circuit	
Operational short-circuit current breaking capacity (Ics)	
<ul style="list-style-type: none"> • at 415 V / rated value 	55 kA
<ul style="list-style-type: none"> • at 500 V / rated value 	55 kA
<ul style="list-style-type: none"> • at 690 V / rated value 	42 kA
Maximum short-circuit current breaking capacity (Icu)	
<ul style="list-style-type: none"> • at 415 V / rated value 	55 kA
<ul style="list-style-type: none"> • at 500 V / rated value 	55 kA
<ul style="list-style-type: none"> • at 690 V / rated value 	42 kA
Connections	
Type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
Height	439.5 mm
Width	320 mm
Depth	337 mm
Mounting type	fixed mounting
Environmental conditions	
Ambient temperature	
_____	-25 ... +70 °C
_____	-40 ... +70 °C
Certificates	
Reference code	

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

Q

Q

General Product Approval	Declaration of Conformity	Test Certificates
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CCC



VDE

CB

CB



EG-Konf.

[Special Test Certificate](#)

[Miscellaneous](#)

Shipping Approval



ABS



BUREAU VERITAS

Lloyd's Register

LRS



PRS



RMRS

[CCS / China Classification Society](#)

other

[Environmental Confirmations](#)

[Manufacturer Declaration](#)

[Confirmation](#)

[Miscellaneous](#)

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1110-2AA32-5FF4-Z T40>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1110-2AA32-5FF4-Z T40>

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

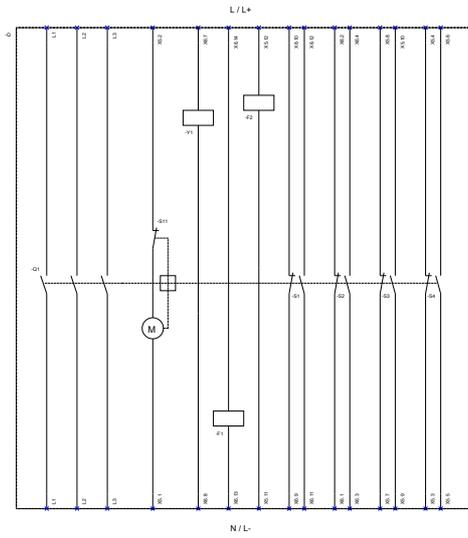
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1110-2AA32-5FF4-Z T40

CAX-Online-Generator

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

Tender specifications

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



S11 (Internal motor shutdown switch, if spring is tensioned / Interner Motorabstufschalter, wenn Feder gespannt);
 F1 (1st auxiliary release / Erster Hilfsauslöser); F2 (2nd auxiliary release / Zweiter Hilfsauslöser); S1 - S8 (Auxiliary switch / Hilfschalter);
 *Y (Closing coil / Einschaltmagnet)

last modified:

06/29/2019