## **SIEMENS**

## **Data sheet**

## 3WL1106-2CB32-1AA2

fixed-mounted circuit breaker 3-pole, size I, IEC In=630A to 690V, AC50/60Hz Icu=55kA at 500V rear connection horizontal Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC

Model	
product brand name	SENTRON
product designation	ACB
design of the product	IEC 60947-2
design of the actuating element	Pushbutton
type of the driving mechanism	Manual operating mechanism with mechanical closing
type of the driving mechanism / motor drive	No
design of the overcurrent release	ETU25B
General technical data	
number of poles	3
size of the circuit-breaker	1
utilization category	В
circuit-breaker / Design	3WL1
Voltage	
Rated insulation voltage Ui	1 000 V
insulation voltage / rated value	1 000 V
operating voltage	
at AC / at 50/60 Hz / rated value	690 V
Protection class	
protection class IP	IP20
protection class IP / on the front	IP20
protection function of the overcurrent release	LSI
Dissipation	LOI
<ul><li>power loss [W]</li><li>for rated value of the current / at AC / in hot operating</li></ul>	33.3 W
state / per pole  • maximum	100 W
Main circuit	100 VV
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	00 112
	2
number of NC contacts / for auxiliary contacts	2
number of NO contacts / for auxiliary contacts	2
Suitability	Disables and disa
suitability for use	Plant / motor protection
Adjustable parameters	070.4
adjustable current response value current / of the current- dependent overload release / initial value	252 A
Product details	
product component	
• trip indicator	Yes
<ul> <li>voltage trigger</li> </ul>	No
undervoltage release	No
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	Yes
Product function	
product function	
grounding protection	No

<ul> <li>phase failure detection</li> </ul>	Yes	
Display and operation		
display version	without display	
Short circuit		
operating short-circuit current breaking capacity (Ics)		
<ul> <li>at 415 V / rated value</li> </ul>	55 kA	
<ul><li>at 500 V / rated value</li></ul>	55 kA	
at 690 V / rated value	42 kA	
maximum short-circuit current breaking capacity (Icu)		
<ul> <li>at 415 V / rated value</li> </ul>	55 kA	
<ul><li>at 500 V / rated value</li></ul>	55 kA	
<ul><li>at 690 V / rated value</li></ul>	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	-20 °C	
maximum	70 °C	
ambient temperature / during storage		
• minimum	-40 °C	
• maximum	70 °C	
Further information		

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1106-2CB32-1AA2
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3WL1106-2CB32-1AA2

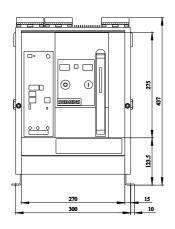
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3WL1106-2CB32-1AA2">http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3WL1106-2CB32-1AA2</a>

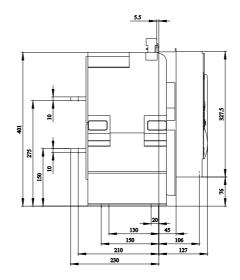
**CAx-Online-Generator** 

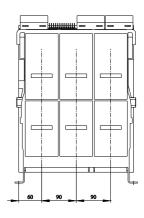
http://www.siemens.com/cax

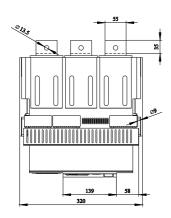
**Tender specifications** 

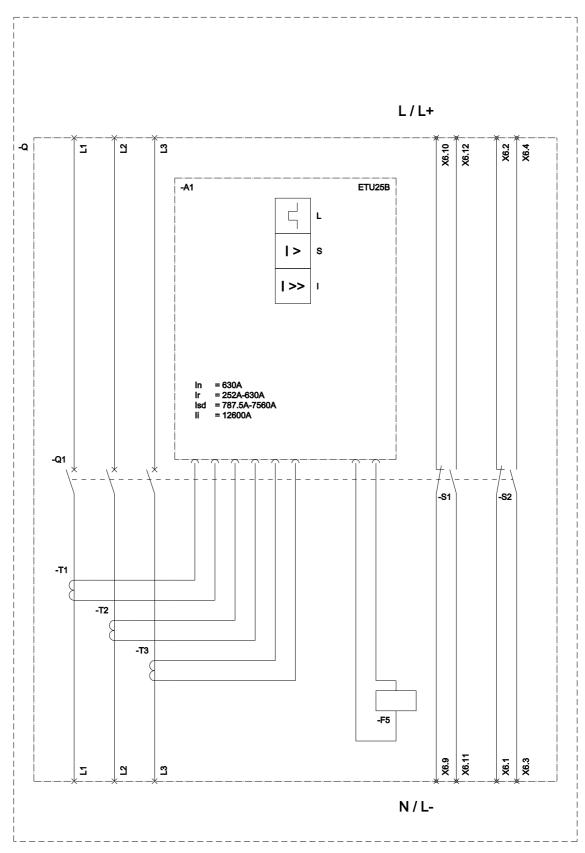
http://www.siemens.com/specifications











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