## **SIEMENS**

## **Data sheet**

## 3WL1110-3CB35-4AN2-Z K07+S01

withdrawable circuit breaker without guide frame 3-pole, size I, IEC In=1000A to 690V, AC50/60Hz Icu=66kA at 500V rear connection horizontal Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 208-240 V or 220-250 V DC Activation AC 50/60 Hz 230 V, 220 V DC without 1st auxiliary release With 2nd auxiliary release "R", F3 Undervoltage, instant. 208-240 V AC, 220-250 V DC 2NO+2NC K07= Tripped signaling contact, 1 CO not possible with option F02 S01= CES locking device in OFF position (safe OFF/disconnector functionality) Disconnector condition in compliance with IEC 60947-2

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/motorized operating mechanism with mechanical and electrical closing
type of the driving mechanism / motor drive	Yes
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	
<ul> <li>at AC / at 50/60 Hz / rated value</li> </ul>	690 V
Protection class	
protection class IP	IP20
protection class IP / on the front	IP20
protection function of the overcurrent release	LSI
Dissipation	
power loss [W]	
<ul> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	65 W
maximum	195 W
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	2
number of NO contacts / for auxiliary contacts	2
Suitability	
suitability for use	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current- dependent overload release / initial value	400 A
Product details	
product component	
<ul> <li>trip indicator</li> </ul>	Yes
<ul> <li>voltage trigger</li> </ul>	No
undervoltage release	Yes
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No

Product function	
product function	
<ul> <li>grounding protection</li> </ul>	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)	
• at 415 V / rated value	66 kA
<ul><li>at 500 V / rated value</li></ul>	66 kA
at 690 V / rated value	50 kA
maximum short-circuit current breaking capacity (Icu)	
at 415 V / rated value	66 kA
• at 500 V / rated value	66 kA
at 690 V / rated value	50 kA
Connections	
arrangement of electrical connectors / for main current circuit	without guide frame
type of electrical connection / for main current circuit	Blade contacts
Mechanical Design	
height	411.5 mm
width	311 mm
depth	337 mm
fastening method	drawer unit
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=3WL1110-3CB35-4AN2-Z K07+S01

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1110-3CB35-4AN2-Z K07+S01

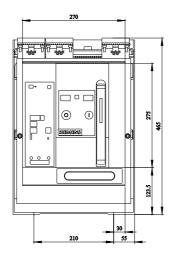
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> en.aspx?mlfb=3WL1110-3CB35-4AN2-Z K07+S01

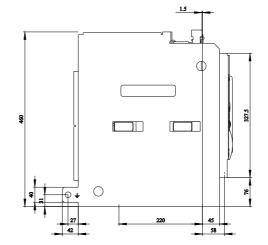
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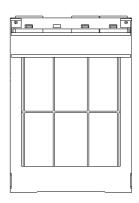
http://www.siemens.com/cax

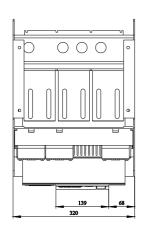
Tender specifications

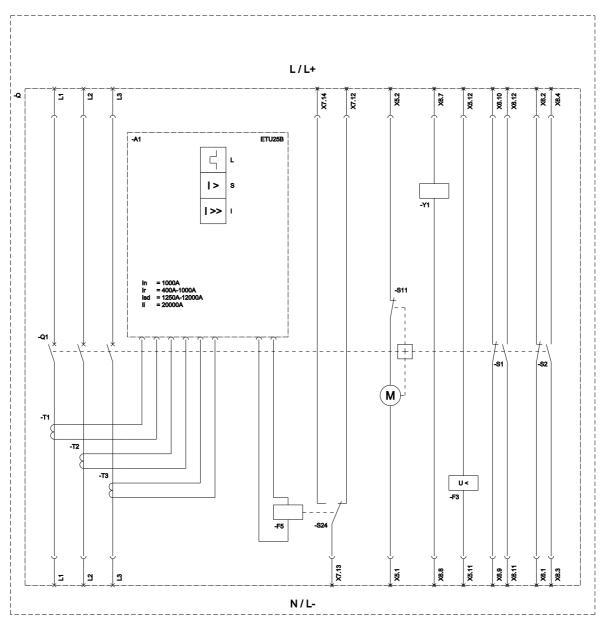
http://www.siemens.com/specifications











L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlussschutz, kurzzeitverzögert); I (Instantaneous / Kurzschlussschutz, unverzögert);
SI1 (Instanta motor shutdown switch, if spring is tensioned / Interner Motorabstellschalter, wenn Feder gespannt); F3 (Undervoltage release / Unterspannungssualöser);
F5 (Maglatch for trip unit / Audösemagnet); SI - S8 (Auxiliary switch / Hilfsschalter); S24 (1st trip signalling switch K07 (Reset position) / Enster Ausgelöstmeldeschalter K07 (Reset Position))
VI (Conincol / Hinterbalmonaus);

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