SIEMENS

Data sheet

3WL1112-3CB35-5FA4-Z C22+K07

withdrawable circuit breaker without guide frame 3-pole, size I, IEC In=1250A 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 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 without 2nd auxiliary release 4NO+4NC C22= Ready indicator K07= Tripped signaling contact, 1 CO not possible with option F02

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	
• 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	
power loss [W]	
 for rated value of the current / at AC / in hot operating state / per pole 	68.3 W
maximum	205 W
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	4
number of NO contacts / for auxiliary contacts	4
Suitability	
suitability for use	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	500 A
Product details	
product component	
• trip indicator	Yes
 voltage trigger 	Yes
undervoltage release	No
design of the auxiliary switch	4 NO + 4 NC
product extension / optional / motor drive	No

Product function		
product function		
 grounding protection 	No	
 phase failure detection 	Yes	
Display and operation		
display version	without display	
Short circuit		
operating short-circuit current breaking capacity (lcs)		
at 415 V / rated value	66 kA	
at 500 V / rated value	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=3WL1112-3CB35-5FA4-Z C22+K07

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1112-3CB35-5FA4-Z C22+K07

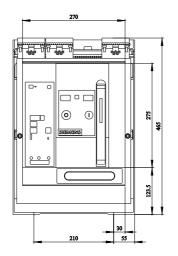
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax en.aspx?mlfb=3WL1112-3CB35-5FA4-Z C22+K07

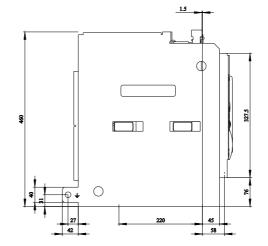
CAx-Online-Generator

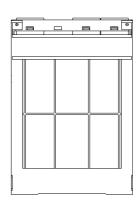
http://www.siemens.com/cax

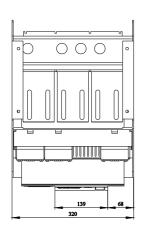
Tender specifications

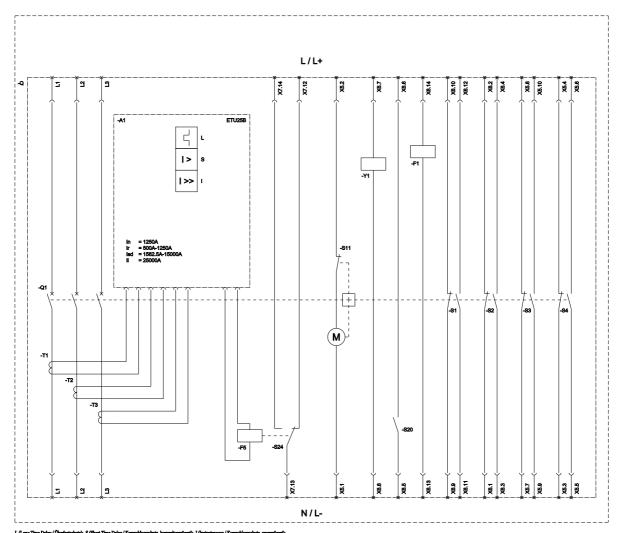
http://www.siemens.com/specifications











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