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Data sheet

3WL1225-4CB35-4GS2-Z K07

withdrawable circuit breaker without guide frame 3-pole, size II, IEC In=2500A to 690V, AC50/60Hz Icu=100kA 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 With 1st auxiliary release Shunt release "F", F1 50/60 Hz 230 V AC/220 V DC, 100% on-load factor With 2nd auxiliary release "RC", F4 Undervoltage, Delay 0.2-3.2s 208-240 V AC, 220-250 V DC, 100% ED 2NO+2NC 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	2	
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 	173.3 W	
• maximum	520 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	
Product details		
product component		
• trip indicator	Yes	
voltage trigger	Yes	
undervoltage release	Yes	
design of the auxiliary switch	2 NO + 2 NC	
product extension / optional / motor drive	No	
Product function		
product function		

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 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	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 kA
maximum short-circuit current breaking capacity (Icu)	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 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	451 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=3WL1225-4CB35-4GS2-Z K07	
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3WL1225-4CB35-4GS2-Z K07	

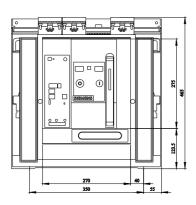
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1225-4CB35-4GS2-Z K07

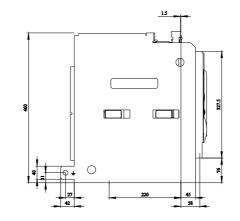
CAx-Online-Generator

http://www.siemens.com/cax

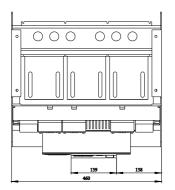
Tender specifications

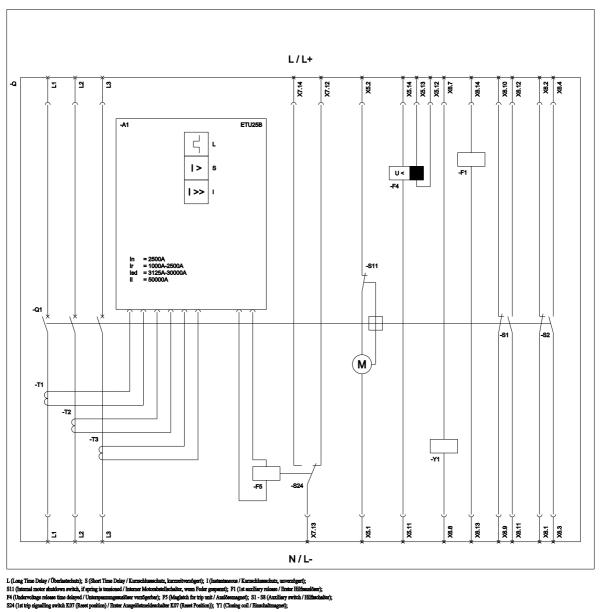
http://www.siemens.com/specifications











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