SIEMENS

Data sheet

3WL1340-4FB68-1AA2-Z K07

Draw-out circuit breaker with slide-in module frame 3-pole, Size 3, IEC In=4000 A up to 690 V, 50/60 Hz AC Icu=100 kA at 500 V with connecting flange Overcurrent release ETU45 LSIN protection adjustable 0.4-1 in with display and cubicle bus Opt.: Comm. /measuring func./ground fault/ ZSS With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 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 operating mechanism with mechanical closing
type of the driving mechanism / motor drive	No
design of the overcurrent release	ETU45B
General technical data	210408
number of poles	3
size of the circuit-breaker	3
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	LSIN
Dissipation	
power loss [W]	
for rated value of the current / at AC / in hot	270 W
operating state / per pole	040 M
• maximum	810 W
Current	
operational current	
• at 40 °C / rated value	4 000 A
 at 45 °C / rated value 	4 000 A
 at 50 °C / rated value 	4 000 A
at 55 °C / rated value	4 000 A
continuous current / rated value / maximum	4 000 A
continuous current / rated value	4 000 A
adjustable current response value current	
 of instantaneous short-circuit trip unit / minimum 	6 000 A
 of instantaneous short-circuit trip unit / maximum 	48 000 A
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 	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	
 phase failure detection 	Yes	
Display and operation		
display version	WITH 4-LINE DISPLAY	
Short circuit		
operating short-circuit current breaking capacity (Ics)		
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	Rear connection flange	
type of electrical connection / for main current circuit	busbar connection	
Mechanical Design		
height	466.5 mm	
width	704 mm	
depth	429.5 mm	
fastening method	drawer unit	
Environmental conditions		
ambient temperature / during operation		
• minimum	-40 °C	
• maximum	55 °C	
ambient temperature / during storage		
• minimum	-40 °C	
• maximum	80 °C	
Further information		

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4FB68-1AA2-Z K07

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4FB68-1AA2-Z K07

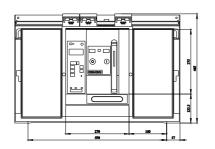
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax en.aspx?mlfb=3WL1340-4FB68-1AA2-Z K07

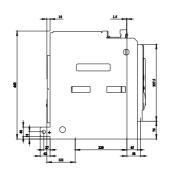
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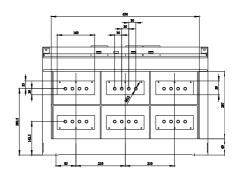
http://www.siemens.com/cax

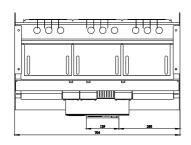
Tender specifications

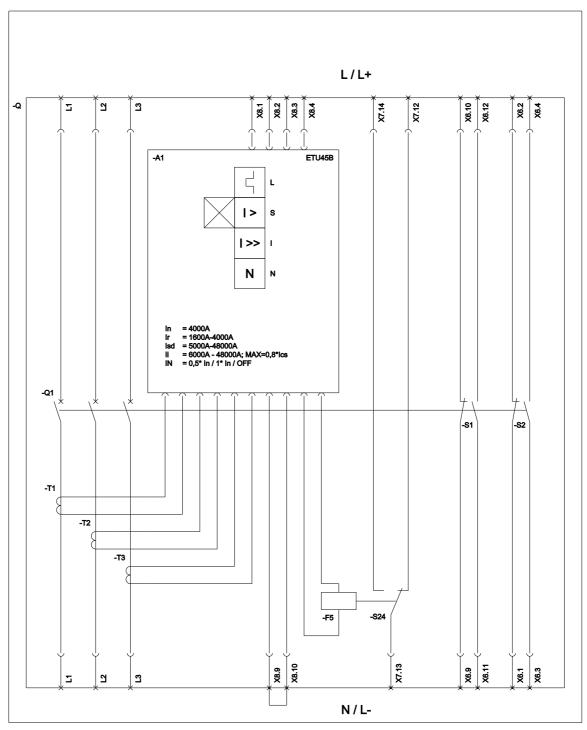
http://www.siemens.com/specifications











L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlussschutz, kurzzeitverzögert); I (Instantaneous / Kurzschlussschutz, unverzögert; N (Neutral Protection / Neutralleiterschutz); F5 (Maglatch for trip unit / Auslösemagnet); S1 - S8 (Auxiliary switch / Hilfsschalter); S24 (1st trip signalling switch K07 (Reset position) / Erster Ausgelöstmeldeschalter K07 (Reset Position));

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