SIEMENS

Data sheet

Model

3WL1232-2FB68-4GA4-Z K07

Draw-out circuit breaker with slide-in module frame 3-pole, Size 2, IEC In=3200 A to 690 V, 50/60 Hz AC Icu=66 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 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 without 2nd auxiliary release 4NO+4NC 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	ETU45B	
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	LSIN	
Dissipation		
power loss [W]		
 for rated value of the current / at AC / in hot operating state / per pole 	236.7 W	
maximum	710 W	
Current		
operational current		
 at 40 °C / rated value 	3 200 A	
 at 45 °C / rated value 	3 200 A	
 at 50 °C / rated value 	3 200 A	
 at 55 °C / rated value 	3 200 A	
continuous current / rated value / maximum	3 200 A	
continuous current / rated value	3 200 A	
adjustable current response value current		
 of the current-dependent overload release / full- scale value 	3 200 A	
 of instantaneous short-circuit trip unit / minimum 	4 800 A	
 of instantaneous short-circuit trip unit / maximum 	38 400 A	
Main circuit		
operating frequency		
• 1 / rated value	50 Hz	
2 / rated value	60 Hz	
Auxiliary circuit		

number of NO contacts / for auxillary contacts Suitability for use Adjustable parameters adjustable current response value current of the L-tip / with l4t characteristic / initial value of the L-tip / with l4t characteristic / initial value of the L-tip / with l4t characteristic / full-scale value adjustable current response value current / of the current-dependent overload release / initial value Product component or inj inicitator or valtage trigger outlease (a value) or valtage trigger outleases or undervortage release or valtage trigger outleases or valtage trigger outleases or valtage trigger outleases or valtage trigger outleases or optional / motor drive No Product tacterion product function or grounding protection or grounding protection or product function or grounding protection or grounding protection or product function or grounding protection or product function or grounding protection or product function or grounding protection or gro	number of NC contacts / for auxiliary contacts	4
Suitability for use Adjustable current response value current of the L-trip / with 14t characteristic / full-scale value adjustable current response value current of the L-trip / with 14t characteristic / full-scale value adjustable current response value current / of the current-dependent overload release / initial value Product details product oteatis product oteatis product original value our violage trigger Yes oundervoltage release design of the auxiliary switch product function o grounding protection o product function product function product function WITH 4-LINE DISPLAY Short circuit operating short-circuit current breaking capacity (Ics) out at 15 V / rated value out at 150 V / rated value out 150 V / rated		
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product extension / optional / motor drive Product function product function	 undervoltage release 	No
Product function product function	design of the auxiliary switch	4 NO + 4 NC
product function	product extension / optional / motor drive	No
grounding protection phase failure detection Pass Passe failure detection Passe Pass	Product function	
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ambient temperature / during storage		-40 °C
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 minimum maximum 80 °C 	ambient temperature / during storage	
		-40 °C
Further information	• maximum	80 °C
	Further information	

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-2FB68-4GA4-Z K07

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-2FB68-4GA4-Z K07

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

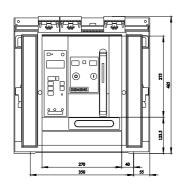
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-2FB68-4GA4-Z K07

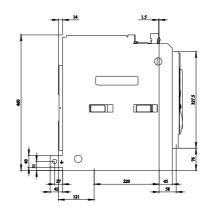
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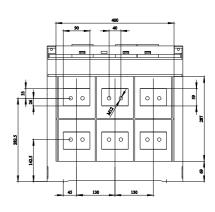
http://www.siemens.com/cax

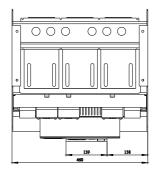
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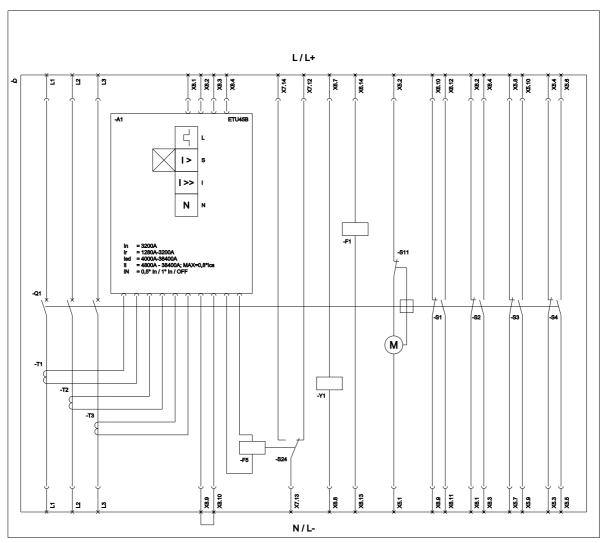
http://www.siemens.com/specifications











L (Long Timo Dalay / Oberhatschutz); S (Short Timo Dalay / Kurzachhassochutz, inzzuritvezzigert); I (Instantaneous / Kurzachhassochutz, unverzigert); N (Notaria Protoction / Nostralleitenschutz);
SI I (Internal motor dundown mirrhis, if spring is tensioned / Internat Motorabellichallers, vena Peder geopenni); FI (id. sturlliney rolessor / Erzer Frifandiselers); FS (Magliare Long / File (International Frifandiselers); FS (Magliare Long of / Fine International Frifandiselers); FS (Magliare Long of / Fine Inte

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