SIEMENS

Data sheet

3WL1106-3DG36-5FA4-Z B05+C20+K07+R21+T40

withdrawable circuit breaker with guide frame 3-pole, size I, IEC In=630A to 690V, AC50/60Hz Icu=66kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated 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, UC With 1st auxiliary release Shurt release "F", F1 50/60 Hz 110 V AC/110 V DC, 100% onload factor without 2nd auxiliary release 4NO+4NC B05= Rated current reference module 500 A for ETU25, 27, 45, 55, 75, 76 for setting rated current in C20= Spring charge status indicator not possible with option F02 K07= Tripped signaling contact, 1 CO not possible with option F02 R21= Shutter 2-part can be locked with padlock T40= Door sealing frame

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	ETU27B
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 function of the overcurrent release 	LSING
Dissipation	
power loss [W]	
 for rated value of the current / at AC / in hot operating state / per pole 	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	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 short-time delayed short-circuit release	
• initial value	625 A
• full-scale value	6 000 A
adjustable current response value current / of the current- dependent overload release / initial value	200 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 	Yes
phase failure detection	Yes
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
• 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	Main connection rear side horizontal
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	460 mm
width	320 mm
depth	456 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)

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3WL1106-3DG36-5FA4-Z B05+C20+K07+R21+T40

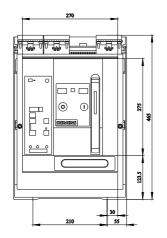
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1106-3DG36-5FA4-Z B05+C20+K07+R21+T40

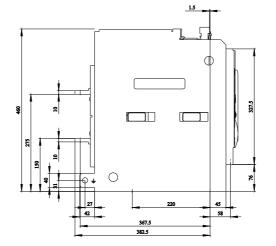
CAx-Online-Generator

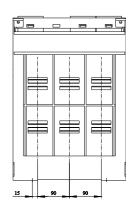
http://www.siemens.com/cax

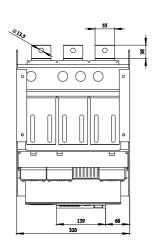
Tender specifications

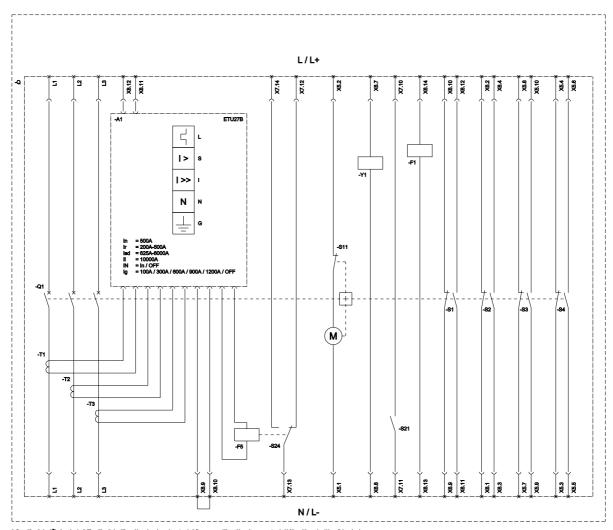
http://www.siemens.com/specifications











L (Long Time Delay / Oberhetschatts); S (Short Time Delay / Kurzachhauschatt, inzzentbrauschatt); Inzandriauschatt, unverzügert); I (Instantiauschatt, unverzügert); N (Ventral Protection / Neutralisiterschatt);
G (Ground Fault Protection / Intential Instant anster skulotion wirbt, if spring is treatened / Instant bekonteilslichslatte, wann Food gespenzel; FI (in suzülisty rolesse / Enster Hillmustkeer)
FS (Adaption for two said / Ansternation and / Instantial Ansternation and / Ins

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