SIEMENS

Data sheet

3WL1340-4AA46-1AA2-Z R21+T40

withdraw. non-aut. circuit-b. with guide frame 4-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal without overcurrent release With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC R21= Shutter 2-part can be locked with bracket lock 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 operating mechanism with mechanical closing
type of the driving mechanism / motor drive	No
design of the overcurrent release	without
General technical data	
number of poles	4
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 function of the overcurrent release	without
Dissipation	
power loss [W]	
 for rated value of the current / at AC / in hot operating state / per pole 	270 W
• 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
 at 60 °C / rated value 	4 000 A
• at 65 °C / rated value	4 000 A
 at 70 °C / rated value 	4 000 A
continuous current / rated value / maximum	4 000 A
continuous current / rated value	4 000 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	Contact unit without release

product component • trip indicator • voltage trigger • undervoltage release design of the auxiliary switch product extension / optional / motor drive Product function • grounding protection Display and operation display version Short circuit breaking capacity operating short-circuit current (Ics) • at 415 V / rated value • at 500 V / rated value • at 690 V rated value • a	Product details	
• trip indicator • voltage trigger • undervoltage release • undervoltage release design of the auxiliary switch product extension / optional / motor drive Product function • grounding protection Product function • grounding protection No Display and operation display version Short circuit breaking capacity operating short-circuit current (Ics) • at 415 V / rated value • at 690 V / rated value • at 500 V / rated value • at 500 V / rated value • at 500 V / rated value • at 690 V / rated val		
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product function • grounding protection No Display and operation display version Short circuit breaking capacity operating short-circuit current (lcs) • at 415 V / rated value • at 690 V / rated value • at 690 V / rated value • at 45 V / rated value • at 415 V / rated value • at 415 V / rated value • at 690 V / rated value	product extension / optional / motor drive	Yes
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breaking capacity operating short-circuit current (Ics) • at 415 V / rated value • at 690 V / rated value • at 450 V / rated value • at 500 V / rated value • at 500 V / rated value • at 690 V / r	Display and operation	
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breaking capacity maximum short-circuit current (Icu) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value • at 690 V / rated value 85 kA Connections arrangement of electrical connectors / for main current circuit type of electrical connection / for main current circuit busbar connection Mechanical Design height 466.5 mm width 4914 mm depth fastening method Environmental conditions ambient temperature / during operation • minimum • minimum • minimum • 25 °C • maximum 70 °C ambient temperature / during storage • minimum •	at 500 V / rated value	100 kA
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fastening method drawer unit Environmental conditions ambient temperature / during operation • minimum • maximum 70 °C ambient temperature / during storage • minimum • maximum 70 °C	width	914 mm
Environmental conditions ambient temperature / during operation	depth	456 mm
ambient temperature / during operation • minimum • maximum 70 °C ambient temperature / during storage • minimum • maximum -40 °C • maximum 70 °C	fastening method	drawer unit
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 minimum maximum 70 °C 	• maximum	70 °C
• maximum 70 °C	ambient temperature / during storage	
	• minimum	-40 °C
Further information	• maximum	70 °C
Turther information—	Further information	

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4AA46-1AA2-Z R21+T40

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

https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4AA46-1AA2-Z R21+T40

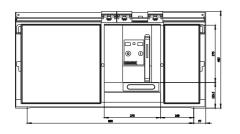
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4AA46-1AA2-Z R21+T40

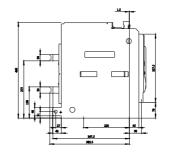
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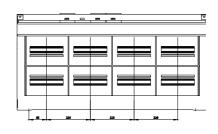
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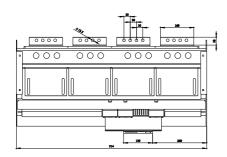
Tender specifications

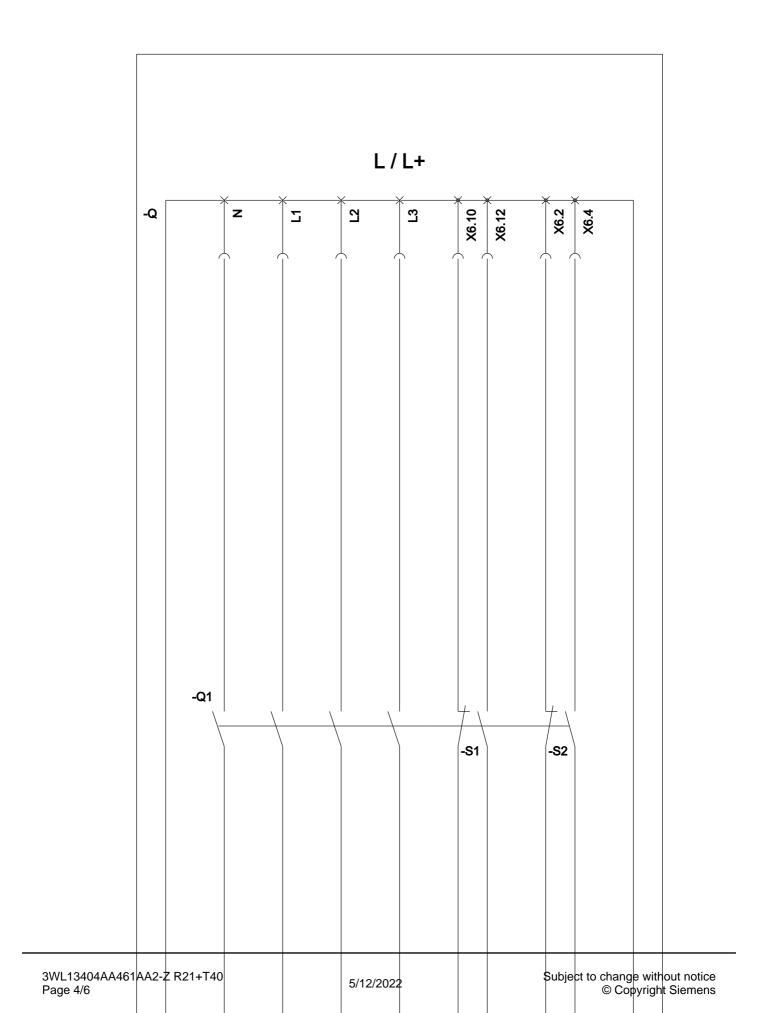
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