## **SIEMENS**

## **Data sheet**

## 3WL1212-3AA36-1AA2

withdraw. non-aut. circuit-b. with guide frame 3-pole, size II, IEC In=1250A to 690V, AC50/60Hz Icu=80kA 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

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	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
<u> </u>	
<ul> <li>protection class IP / on the front</li> </ul>	IP20
<ul> <li>protection function of the overcurrent release</li> </ul>	without
Dissipation	
power loss [W]	
for rated value of the current / at AC / in hot operating state / per pole	55 W
• maximum	165 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	Contact unit without release
Product details	
product component	
trip indicator	No
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
Display and operation	
display version	without display
αισριαγ ναισιυπ	without display

Short circuit	
operating short-circuit current breaking capacity (lcs)	
<ul><li>at 415 V / rated value</li></ul>	80 kA
<ul><li>at 500 V / rated value</li></ul>	80 kA
at 690 V / rated value	75 kA
maximum short-circuit current breaking capacity (Icu)	
<ul><li>at 415 V / rated value</li></ul>	80 kA
<ul><li>at 500 V / rated value</li></ul>	80 kA
<ul><li>at 690 V / rated value</li></ul>	75 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	465.5 mm
width	460 mm
depth	456 mm
fastening method	drawer unit
Environmental conditions	
ambient temperature / during operation	
• minimum	-25 °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/3WL1212-3AA36-1AA2

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

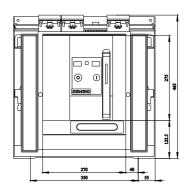
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3WL1212-3AA36-1AA2

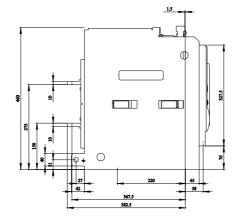
CAx-Online-Generator

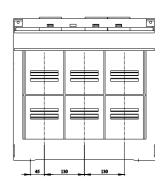
http://www.siemens.com/cax

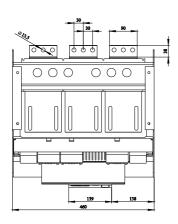
**Tender specifications** 

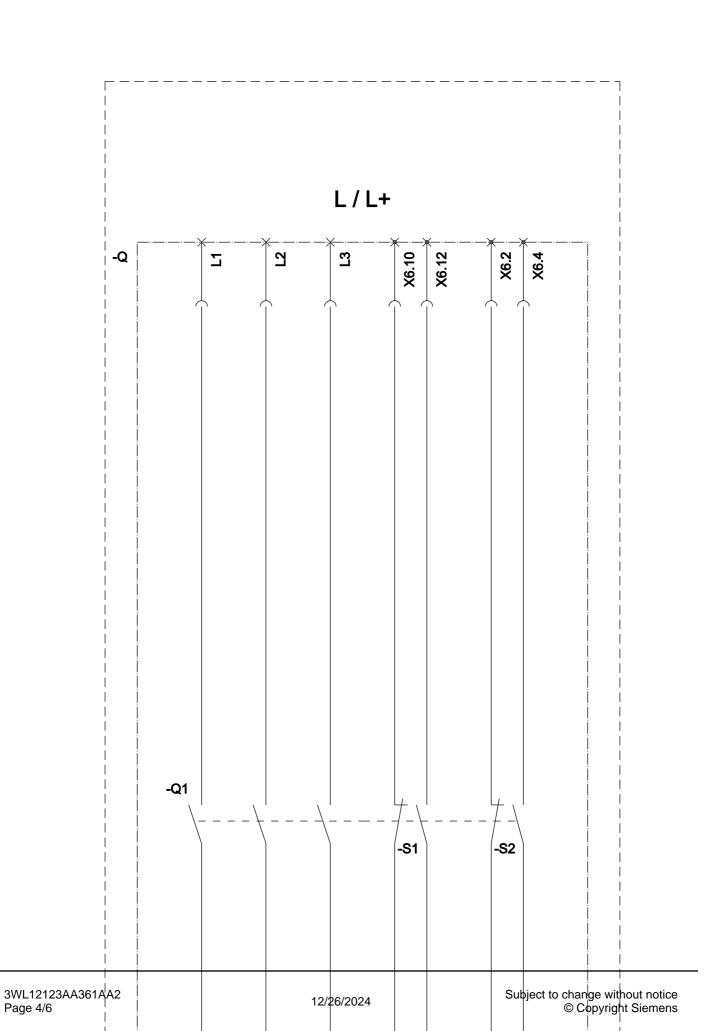
http://www.siemens.com/specifications













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