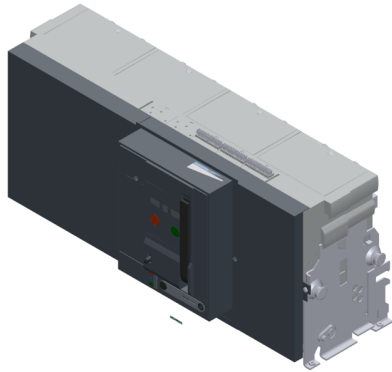


Siemens
EcoTech



Non-automatic circuit breaker withdrawable version, without guide frame, IEC 60947-2, frame size 3, 4-poles, N-pole left, $I_n=4000\text{A}$ up to 690V AC 50/60Hz, breaking capacity $H I_{cc}=100/85\text{kA}$ at 500/690V, without electr. trip unit ETU, without Com & metering function with manual and motorized operating mechanism (M) 110-127 V AC / 110-125 V DC, Storage status and ready-to-close signaling switches, Auxiliary switches 4NO+4NC, Closing coil (CC) 100% OP 110-127 V AC / 110-125 V DC, applicable for continuous duty, without Remote trip alarm reset coil (RR), without 2nd shunt trip, Shunt trip (ST) 100% OP 110-127 V AC / 110-125 V DC, suitable for continuous duty, Option C01 = Operations counter for circuit breaker



Model	
product brand name	SENTRON
product designation	Non-automatic circuit breaker
suitability for use	AC non-automatic circuit breaker
size of the circuit-breaker	III
number of poles	4
position / of neutral conductor	neutral left
fastening method	withdrawable circuit breaker without guide frame
design of the product	AC application
type of the driving mechanism	manual operating mechanism/spring charging motor with spring charge signaling switch
Weight	119.865 kg
Net Weight	102.865 kg
General technical data	
insulation voltage / rated value	1000 V
operating voltage / at AC / at 50/60 Hz / rated value	690 V
Current	
continuous current / rated value / maximum	4000 A
continuous current / rated value	4000 A
Switching capacity and short-time withstand current, according to IEC 60947-2	
switching capacity class of the circuit breaker	H
conditional short-circuit current (I_{cc}) / for non-automatic air circuit breakers	
• at AC / at 500 V / rated value	100 kA
• at AC / at 690 V / rated value	85 kA
Basic protection functions	
L: Overload protection N-conductor	
S: delayed short-circuit protection ST	
S: delayed short-circuit protection ST, settings values I_{0t}	
S: delayed short-circuit protection ST, settings values I_{2t}	
G: ground fault GF	
Measuring functions	
measurement function	
• current measurement	Yes
Communication	
communication function	No

Service Life	
mechanical service life (operating cycles)	
• without support / typical	7500
• with support / typical	15000
electrical endurance (operating cycles)	
• at 690 V / without support / typical	2000
• at 690 V / with support / typical	15000

Dimensions	
height	468 mm
width	914 mm
depth	471 mm

Auxiliary circuit	
design of the auxiliary switch	4 NO + 4 NC
number of NC contacts / for auxiliary contacts	4
number of NO contacts / for auxiliary contacts	4
number of CO contacts / for auxiliary contacts	0

Internal accessories	
product component	
• undervoltage release	No
• voltage trigger	Yes
• trip indicator	No
• motor drive	Yes

Environmental conditions	
protection class IP / on the front	IP20
ambient temperature / during operation	
• minimum	-40 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Environmental footprint	
Siemens Eco Profile (SEP)	Siemens EcoTech

Certificates	
reference code	
• according to IEC 81346-2	Q

Approvals / Certificates	
General Product Approval	EMV



Radio Equipment Type Approval Certificate	Test Certificates
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[Miscellaneous](#)



[Miscellaneous](#)

[FCC](#)

[Miscellaneous](#)

[Special Test Certificate](#)

Maritime application	other
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other	Dangerous goods	Environment
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**Further information****Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mifb=3WA1340-5AA40-7DA3-Z C01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WA1340-5AA40-7DA3-Z C01>

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

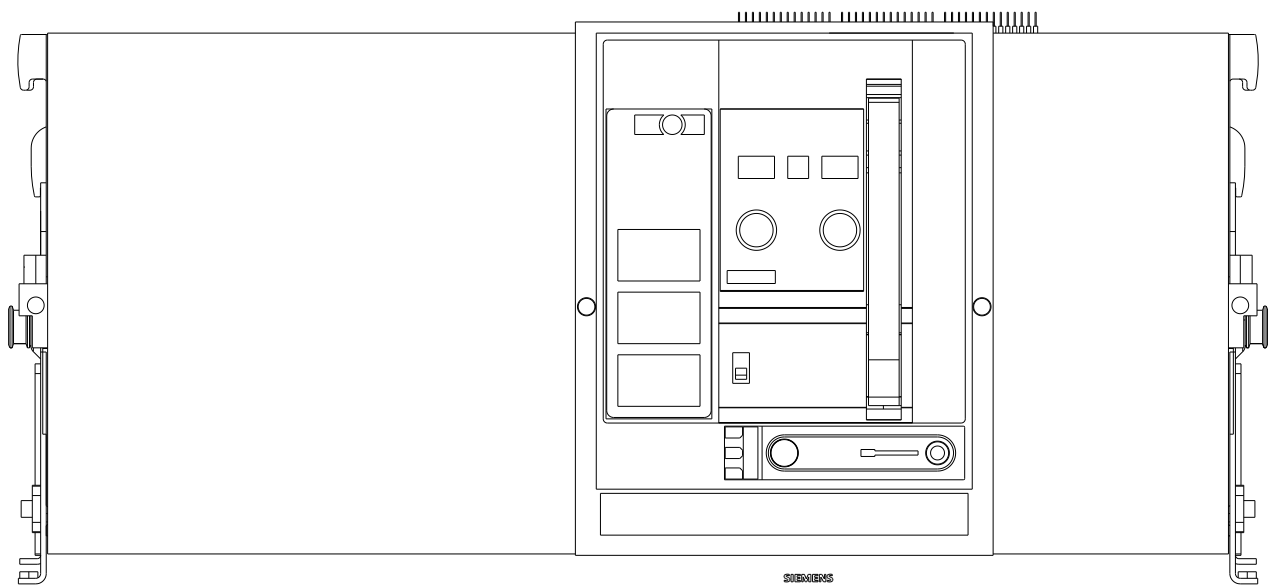
https://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3WA1340-5AA40-7DA3-Z C01

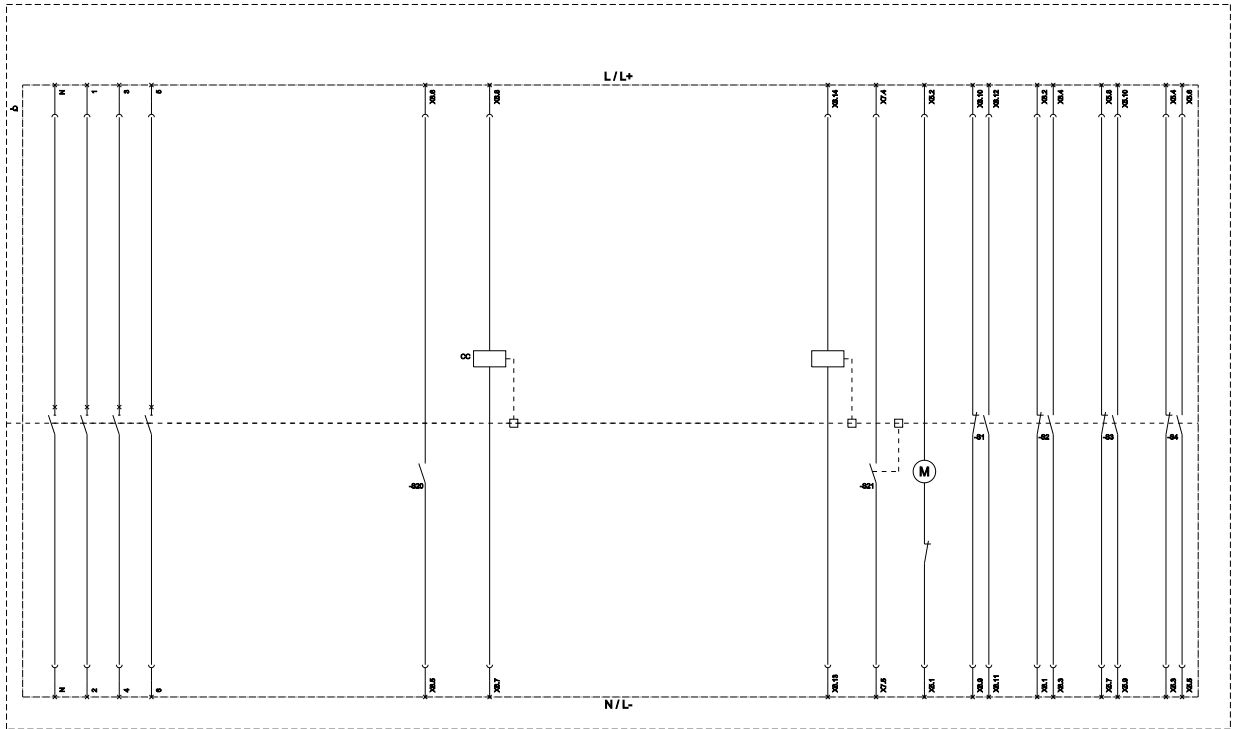
CAX-Online-Generator

<https://www.siemens.com/cax>

Information- and Downloadcenter (catalogues, leaflets,...)

<https://www.siemens.com/energy-automation>





07 (at auxiliary voltage / Unter Spannungsversorgung) 04 (at all voltage for necessary stop shortly / Abschalten für kurzzeitige Spannungsunterbrechung) CC (locking coil / Blockierspule)
 05 (at all voltage for necessary stop during coil / Abschalten für kurzzeitige Spannungsunterbrechung) 02 (ready to start signaling point / Startpunkt an der Bahnstation) 06 (ATC: Auxiliary switch / Hilfskontakt, 02 (ATC: ready to start signaling point / Startpunkt an der Bahnstation)
 03 (during changed signaling point / Signalwechsel an der Bahnstation) 01 (positive signaling switch contact / Positives Signalwechselkontakt)

last modified:

11/20/2025

