



Auxiliary Switch Front 3NO + 1NC Current path for 3MT7 and 3MH7 Contactor
Screw terminal

product brand name	SINOVA
product designation	auxiliary switch
suitability for use	3MH7 Contactor relay and 3MT7 Power contactor
General technical data	
size of contactor	0 to 4
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
Substance Prohibittance (Date)	07/01/2022
Weight	0.068 kg
ambient temperature during storage	-25 ... +70 °C
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	3
operational current of auxiliary contacts at AC-12 - at 24 V - at 230 V	10 A 10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15 - at 24 V - at 230 V - at 400 V - at 690 V	6 A 6 A 3 A 1 A
operational current of auxiliary contacts at DC-12 - at 24 V - at 110 V - at 220 V	6 A 3 A 1 A
operational current of auxiliary contacts at DC-13 - at 24 V - at 110 V - at 220 V - at 600 V	6 A 1 A 0.3 A 0.1 A
fastening method	snap-on mounting
height	47 mm
width	44 mm
depth	41.5 mm

type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections for auxiliary contacts	
• solid or stranded	1x (1 ... 4 mm ²), 2x (1 ... 4 mm ²)
• finely stranded with core end processing	1x (1.0 ... 2.5 mm ²), 2x (1.0 ... 1.5 mm ²)

Approvals Certificates

General Product Approval	Test Certificates	other	Environment
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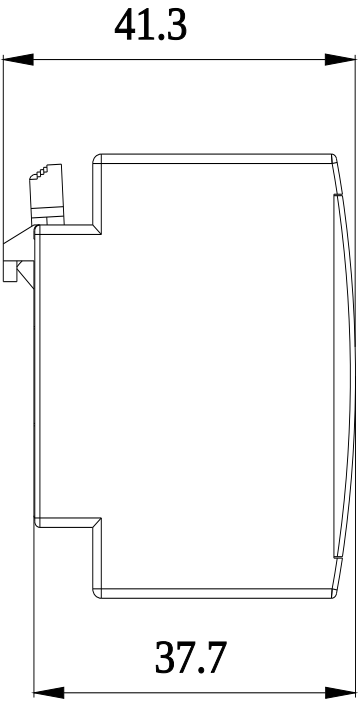
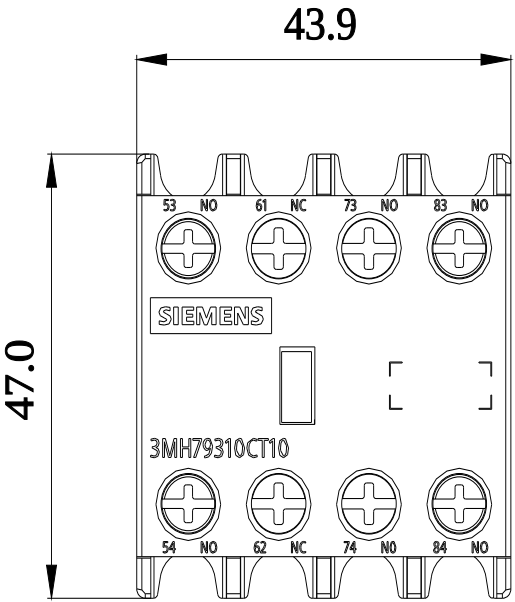
[Type Test Certificates/Test Report](#)

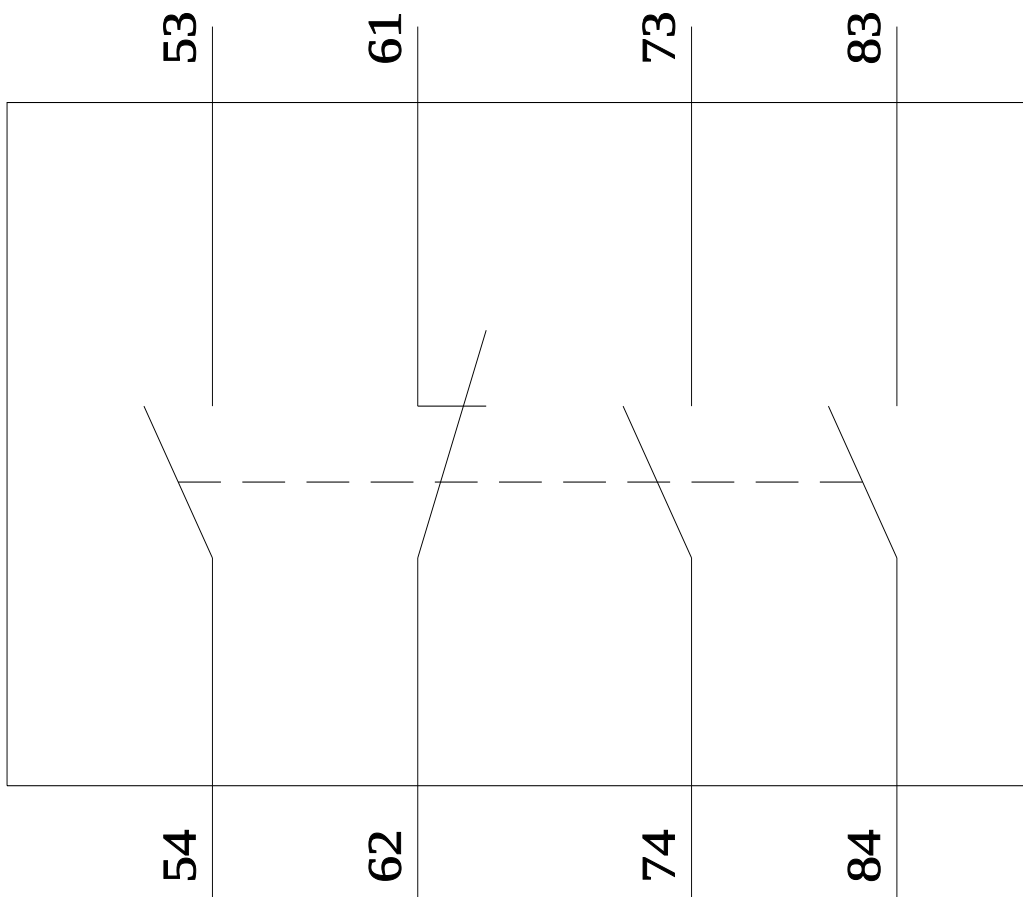
[Confirmation](#)

[Environmental Confirmations](#)

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
 Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>
 Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3MH7931-0CT10>
 Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3MH7931-0CT10>
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3MH7931-0CT10>
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3MH7931-0CT10&lang=en
 Characteristic: Tripping characteristics, I²t, Let-through current
<https://support.industry.siemens.com/cs/ww/en/ps/3MH7931-0CT10/char>
 Further characteristics (e.g. electrical endurance, switching frequency)
<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3MH7931-0CT10&objecttype=14&gridview=view1>





last modified:

12/10/2022 