



Auxiliary Switch Front 1 NO + 3 NC 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 Prohibitance (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                                                                                            | 3                                             |
| number of NO contacts for auxiliary contacts instantaneous contact                                                                                            | 1                                             |
| operational current of auxiliary contacts at AC-12 <ul style="list-style-type: none"><li>at 24 V</li><li>at 230 V</li></ul>                                   | 10 A<br>10 A                                  |
| operational current of auxiliary contacts at AC-12 maximum                                                                                                    | 10 A                                          |
| operational current of auxiliary contacts at AC-15 <ul style="list-style-type: none"><li>at 24 V</li><li>at 230 V</li><li>at 400 V</li><li>at 690 V</li></ul> | 6 A<br>6 A<br>3 A<br>1 A                      |
| operational current of auxiliary contacts at DC-12 <ul style="list-style-type: none"><li>at 24 V</li><li>at 110 V</li><li>at 220 V</li></ul>                  | 6 A<br>3 A<br>1 A                             |
| operational current of auxiliary contacts at DC-13 <ul style="list-style-type: none"><li>at 24 V</li><li>at 110 V</li><li>at 220 V</li><li>at 600 V</li></ul> | 6 A<br>1 A<br>0.3 A<br>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                          |                                                                      |
| <ul style="list-style-type: none"> <li>• solid or stranded</li> </ul>                        | 1x (1 ... 4 mm <sup>2</sup> ), 2x (1 ... 4 mm <sup>2</sup> )         |
| <ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul> | 1x (1.0 ... 2.5 mm <sup>2</sup> ), 2x (1.0 ... 1.5 mm <sup>2</sup> ) |

#### Approvals Certificates

| General Product Approval | Test Certificates | other | Environment |
|--------------------------|-------------------|-------|-------------|
|--------------------------|-------------------|-------|-------------|



[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=3MH7913-0CT10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3MH7913-0CT10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3MH7913-0CT10>

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

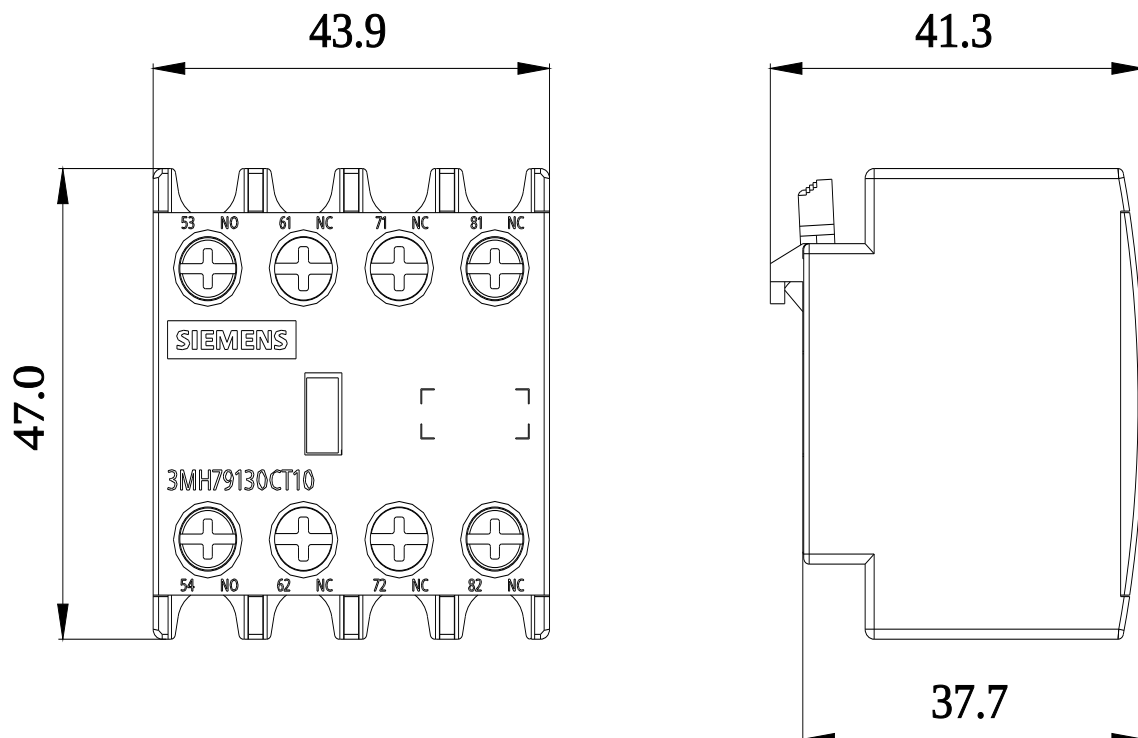
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3MH7913-0CT10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3MH7913-0CT10&lang=en)

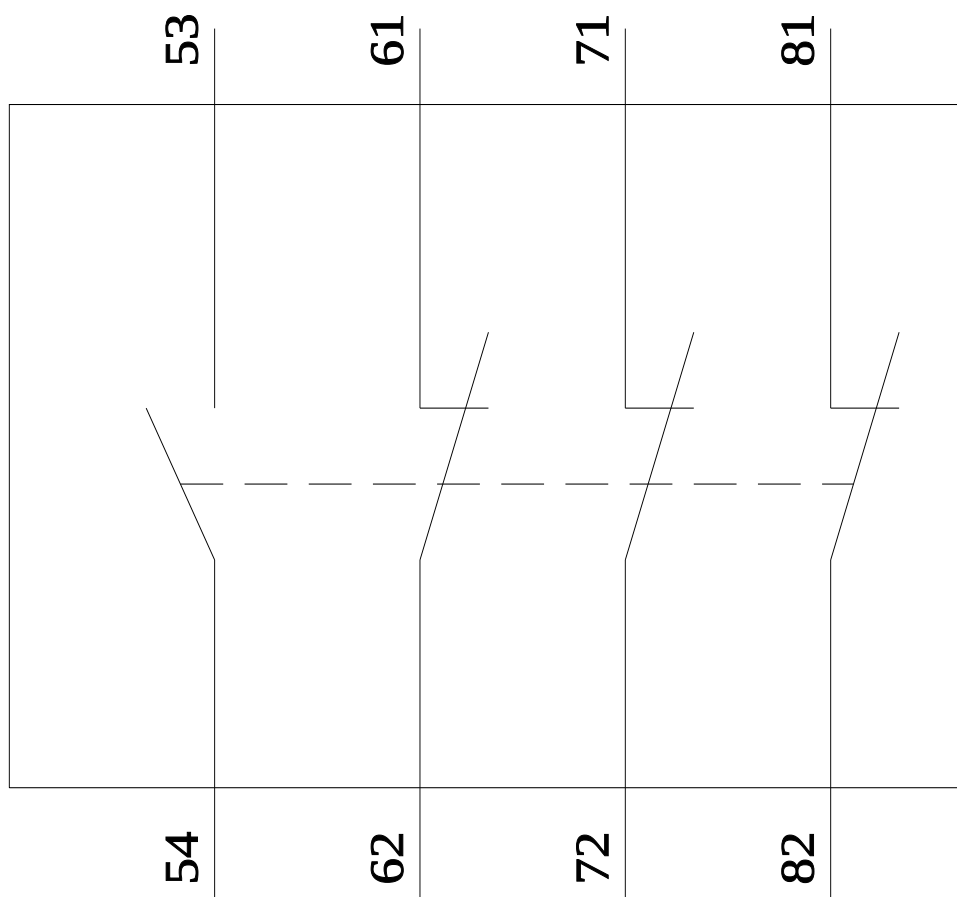
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

<https://support.industry.siemens.com/cs/ww/en/ps/3MH7913-0CT10/char>

Further characteristics (e.g. electrical endurance, switching frequency)

<http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3MH7913-0CT10&objecttype=14&gridview=view1>





last modified:

12/10/2022 