

second lateral Auxiliary switch, 2 NO contacts, screw terminal, for contactors 3RT1



| General technical data | |
|---|---|
| Product brand name | SIRIUS |
| Suitability for use | Contactor relay and power contactor |
| Protection class IP on the front | IP20 |
| Ambient temperature | |
| • during storage | -55 ... +80 °C |
| • during operation | -25 ... +60 °C |
| Mechanical service life (switching cycles) typical | 10 000 000 |
| Electrical endurance (switching cycles) at AC-15 at 230 V typical | 200 000 |
| Contact reliability of auxiliary contacts | 1 faulty switching per 100 million (17 V, 1 mA) |
| Insulation voltage with degree of pollution 3 at AC rated value | 500 V |
| Surge voltage resistance rated value | 6 kV |

| Auxiliary circuit | |
|--|---|
| Number of NC contacts for auxiliary contacts | |
| • instantaneous contact | 0 |
| Number of NO contacts for auxiliary contacts | |
| • instantaneous contact | 2 |

| | |
|--|---|
| Operating current of auxiliary contacts at AC-12 <ul style="list-style-type: none"> • at 24 V • at 230 V • maximum | 10 A 10 A 10 A |
| Operating current <ul style="list-style-type: none"> • of auxiliary contacts <ul style="list-style-type: none"> — at AC-14 <ul style="list-style-type: none"> — at 125 V — at 250 V — at AC-15 <ul style="list-style-type: none"> — at 24 V — at 230 V — at 400 V | 6 A 6 A 6 A 6 A 3 A |
| Operating current <ul style="list-style-type: none"> • of auxiliary contacts at DC-12 <ul style="list-style-type: none"> — at 24 V — at 110 V — at 220 V • with 2 current paths in series at DC-12 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value • with 3 current paths in series at DC-12 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value | 10 A 3 A 1 A 10 A 10 A 4 A 2 A 1.3 A 10 A 10 A 10 A 3.6 A 2.5 A |
| Operating current <ul style="list-style-type: none"> • of auxiliary contacts at DC-13 <ul style="list-style-type: none"> — at 24 V — at 60 V — at 110 V — at 220 V • with 2 current paths in series at DC-13 <ul style="list-style-type: none"> — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value | 6 A 2 A 1 A 0.3 A 10 A 3.5 A 1.3 A 0.9 A |

| | |
|---|-------|
| — at 440 V rated value | 0.2 A |
| • with 3 current paths in series at DC-13 | |
| — at 24 V rated value | 10 A |
| — at 60 V rated value | 4.7 A |
| — at 110 V rated value | 3 A |
| — at 220 V rated value | 1.2 A |
| — at 440 V rated value | 0.5 A |

Installation/ mounting/ dimensions

| | |
|----------------------|------------------|
| Mounting type | snap-on mounting |
| Width | 10 mm |
| Height | 80 mm |
| Depth | 71 mm |

Connections/ Terminals

| | |
|---|---|
| Type of electrical connection for auxiliary and control current circuit | screw-type terminals |
| Type of connectable conductor cross-sections | |
| <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — finely stranded — with core end processing • at AWG conductors for auxiliary contacts | 2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²) 2x (20 ... 16), 2x (18 ... 14) |

Safety related data

| | |
|---|-----------|
| Product function Mirror contact acc. to IEC 60947-4-1 | Yes |
| <ul style="list-style-type: none"> • Note | with 3RT1 |
| Product function positively driven operation acc. to IEC 60947-5-1 | No |

Certificates/ approvals

| | |
|--------------------------|---------------------------------------|
| General Product Approval | Functional Safety/Safety of Machinery |
|--------------------------|---------------------------------------|



[KC](#)



[Type Examination Certificate](#)

| | | |
|---------------------------|-------------------|-------------------|
| Declaration of Conformity | Test Certificates | Shipping Approval |
|---------------------------|-------------------|-------------------|



[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



| | | |
|-------------------|-------|---------|
| Shipping Approval | other | Railway |
|-------------------|-------|---------|



[Confirmation](#)

[Special Test Certificate](#)

Further information

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=3RH1921-1KA20>

Cax online generator

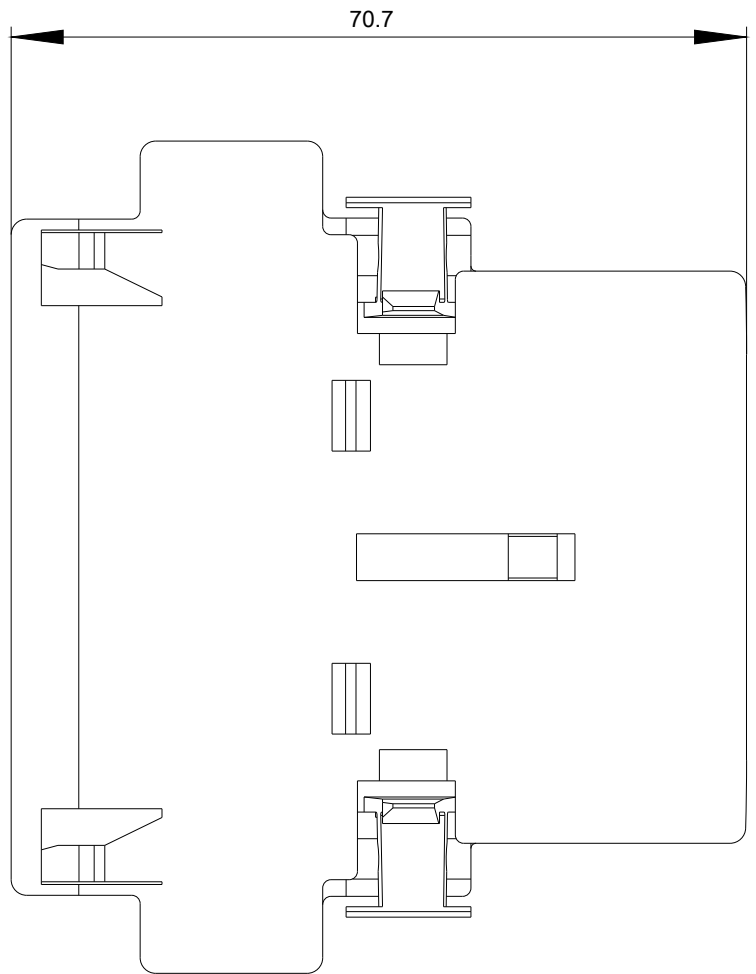
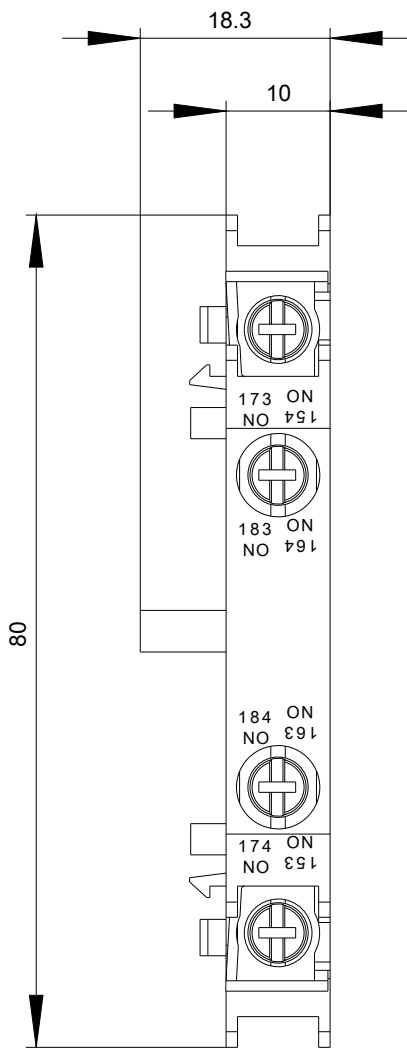
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1921-1KA20>

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

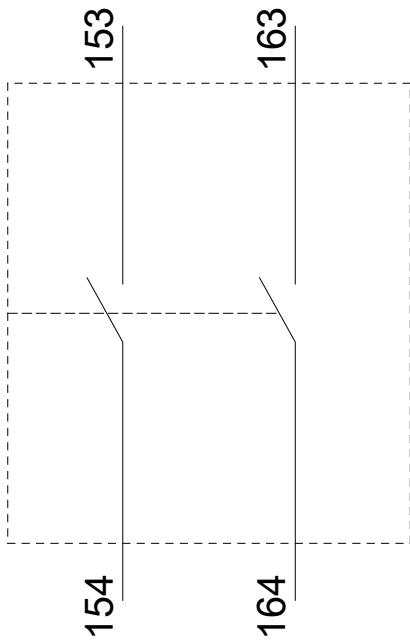
<https://support.industry.siemens.com/cs/ww/en/ps/3RH1921-1KA20>

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

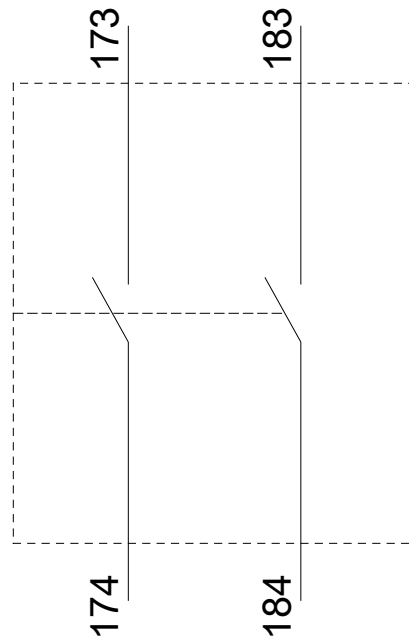
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1921-1KA20&lang=en



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