



TIME RELAY,
OFF-DELAY W. AUXIL. SW., 1 C,
0.5 S...10 S AC 24,200...240 V AND DC 24 V,
WITH LED

| General technical data: | | |
|---|----|---|
| product brand name | | SIRIUS |
| Product designation | | timing relay |
| Protection class IP / of the terminal | | IP20 |
| mounting position | | any |
| Product function | | |
| <ul style="list-style-type: none"> at the relay outputs / changeover delayed/without delay | | No |
| Product component / semi-conductor output | | No |
| Product extension / optional / remote control | | No |
| Product extension / strictly required / remote control | | No |
| Installation altitude / at a height over sea level / maximum | m | 2,000 |
| Ambient temperature | | |
| <ul style="list-style-type: none"> during storage | °C | -40 ... +85 |
| <ul style="list-style-type: none"> during operating | °C | -25 ... +60 |
| <ul style="list-style-type: none"> during transport | °C | -40 ... +85 |
| Relative humidity | | |
| <ul style="list-style-type: none"> during operating phase | % | 15 ... 70 |
| Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4 | | 2 kV network connection / 1 kV control connection |
| Conductor-bound parasitic coupling conductor-earth SURGE / according to IEC 61000-4-5 | | 2 kV |

| | | |
|---|---|---|
| Conductor-bound parasitic coupling conductor-conductor SURGE / according to IEC 61000-4-5 | | 1 kV |
| Electrostatic discharge / according to IEC 61000-4-2 | | 4 kV contact discharge / 8 kV air discharge |
| Field-bound parasitic coupling / according to IEC 61000-4-3 | | 10 V/m |
| Impulse voltage resistance / rated value | V | 4,000 |
| Active power loss / total / typical | W | 2 |
| Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 | | K |
| Reference code / according to DIN EN 61346-2 | | K |
| Category / according to EN 954-1 | | none |
| Protection against electrical shock | | finger-safe |

Switching Function:

| | | |
|--|---|------------|
| Switching function | | |
| • slow-operating | | No |
| • making pulse contact | | No |
| • relapse delayed | | No |
| • with control signal | | |
| • additive ON delay | | No |
| • passing break contact | | No |
| • OFF delay | | Yes |
| • slow-operating/instantaneous contact | | No |
| • with control signal | | |
| • OFF delay/instantaneous | | No |
| • ON delay/OFF delay/instantaneous | | No |
| • making pulse contact/instantaneous contact | | No |
| • with control signal | | |
| • passing break contact/instantaneous | | No |
| • pulse-shaping/instantaneous | | No |
| Adjustable time | s | 0.5 ... 10 |

Control circuit/ Control:

| | | |
|---|----|-----------|
| Voltage type / of control feed voltage | | AC/DC |
| Control supply voltage frequency | | |
| • 1 | Hz | 50 ... 60 |
| Control supply voltage | | |
| • 1 | | |
| • for AC / at 50 Hz / rated value | V | 24 |
| • for AC / at 60 Hz / rated value | V | 24 |
| • for DC / rated value | V | 24 |
| • 2 | | |

| | | |
|--|---|--------------|
| <ul style="list-style-type: none"> • at 50 Hz <ul style="list-style-type: none"> • for AC • at 60 Hz <ul style="list-style-type: none"> • for AC | V | 200 ... 240 |
| <ul style="list-style-type: none"> • at 50 Hz <ul style="list-style-type: none"> • for AC • at 60 Hz <ul style="list-style-type: none"> • for AC • for DC | V | 200 ... 240 |
| Operating range factor control supply voltage rated value | | |
| <ul style="list-style-type: none"> • at 50 Hz <ul style="list-style-type: none"> • for AC • at 60 Hz <ul style="list-style-type: none"> • for AC • for DC | | 0.85 ... 1.1 |
| | | 0.85 ... 1.1 |
| | | 0.85 ... 1.1 |

Auxiliary circuit:

| | | |
|--|---|-----|
| Operating current / of auxiliary contacts | | |
| <ul style="list-style-type: none"> • as normally closed contact / for AC-15 <ul style="list-style-type: none"> • at 24 V • at 250 V • as normally open contact / for AC-15 <ul style="list-style-type: none"> • at 24 V • at 250 V • at AC-15 <ul style="list-style-type: none"> • maximum • at DC-13 <ul style="list-style-type: none"> • at 24 V • at 125 V • at 250 V | A | 3 |
| | A | 3 |
| | A | 3 |
| | A | 3 |
| | A | 3 |
| | A | 1 |
| | A | 0.2 |
| | A | 0.1 |
| Number of NC contacts / delayed switching | | 0 |
| Number of NC contacts / non-delayed | | 0 |
| Number of NO contacts / delayed switching | | 0 |
| Number of NO contacts / non-delayed | | 0 |
| Number of change-over switches / delayed switching | | 1 |
| Number of change-over switches / non-delayed | | 0 |

Short-circuit:

| | | |
|--|--|--|
| Design of the fuse link / for short-circuit protection of the auxiliary switch / required | | fuse gL/gG: 4 A |
| Mounting type | | screw and snap-on mounting onto 35 mm standard mounting rail |

Installation/ mounting/ dimensions:

| | | |
|---------------|----|------|
| Width | mm | 22.5 |
| Height | mm | 102 |
| Depth | mm | 91 |

| | | |
|--|----|---|
| Distance, to be maintained, to the ranks assembly | | |
| • upwards | mm | 0 |
| • forwards | mm | 0 |
| • sideways | mm | 0 |
| • backwards | mm | 0 |
| • downwards | mm | 0 |
| Distance, to be maintained, to earthed part | | |
| • backwards | mm | 0 |
| • sideways | mm | 0 |
| • upwards | mm | 0 |
| • forwards | mm | 0 |
| • downwards | mm | 0 |
| Distance, to be maintained, conductive elements | | |
| • downwards | mm | 0 |
| • backwards | mm | 0 |
| • sideways | mm | 0 |
| • forwards | mm | 0 |
| • upwards | mm | 0 |

Connections/ terminals:

Design of the electrical connection

- for auxiliary and control current circuit

screw-type terminals

General Product Approval

Declaration of Conformity

Test Certificates



CCC



CSA



UL



EG-Konf.

[Special Test Certificate](#)

Shipping Approval



DNV



GL



PRS

Shipping Approval

other

[Confirmation](#)

[other](#)

[Environmental Confirmations](#)

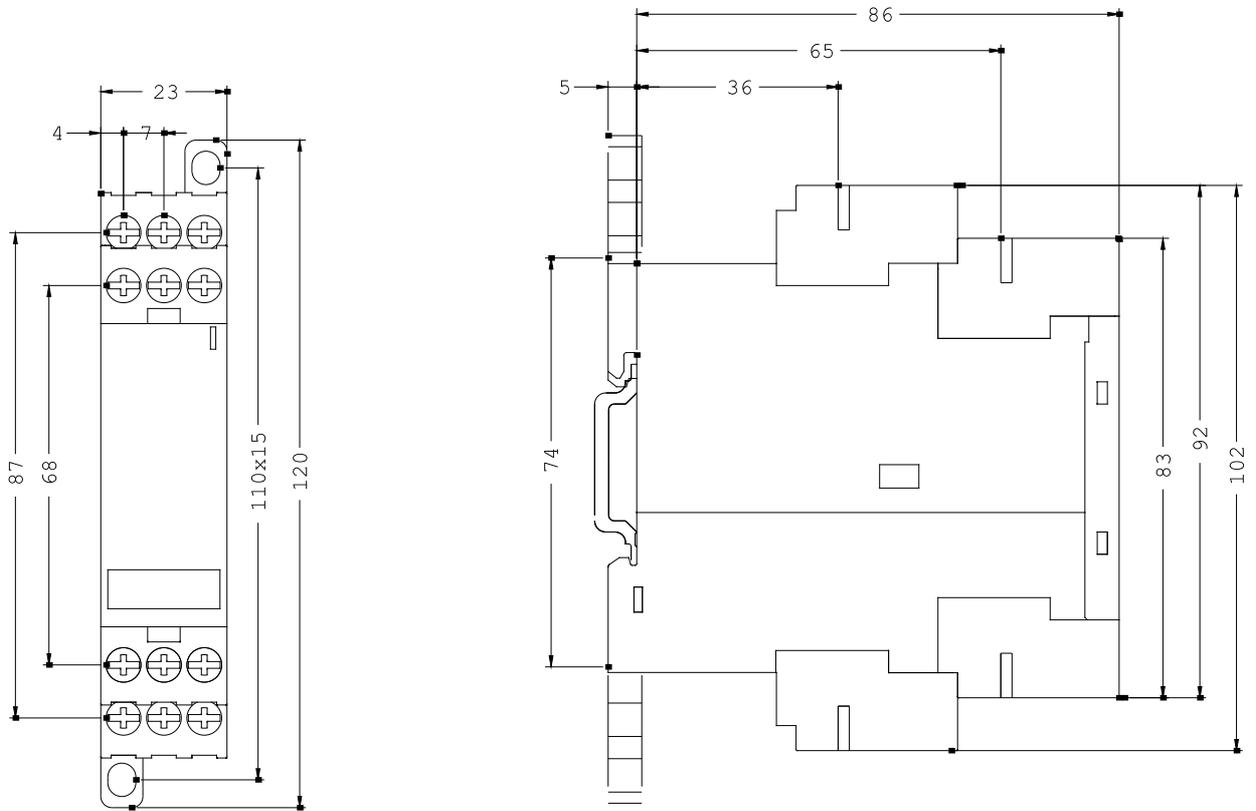
Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>



last change:

Aug 4, 2014