SIEMENS

## Product data sheet 3TY7561-1AA00

AUXILIARY CONTACT BLOCK AUX. CONTACT BLOCK LEFT 1NO1NC



| General technical data: | | |
|---|---|---|
| **Acceptability for application** | | Contactor relay and power contactor |
| **Protection class IP / on the front** | | IP20 |
| **Ambient temperature** | | |
| • during storage | °C | -55 … +80 |
| • during operating | °C | -25 … +55 |
| **Mechanical operating cycles as operating time** | | |
| • typical | | 10,000,000 |
| **Insulation voltage / with degree of pollution 3** | | |
| • rated value | V | 690 |
| **Impulse voltage resistance** | | |
| • rated value | kV | 6 |

| Auxiliary circuit: | | |
|---|---|---|
| **Number of NC contacts / for auxiliary contacts** | | |
| • instantaneous switching | | 1 |
| • lagging switching | | 0 |
| **Number of NO contacts / for auxiliary contacts** | | |
| • instantaneous switching | | 1 |
| • leading switching | | 0 |
| **Operating current / of the auxiliary contacts / at AC-12** | | |


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| | | |
|---|---|---|
| • at 24 V | A | 10 |
| • at 230 V | A | 10 |
| • maximum | A | 10 |
| **Operating current** | | |
| • of the auxiliary contacts | | |
| • at AC-14 | | |
| • at 125 V | A | 10 |
| • at AC-15 | | |
| • at 24 V | A | 10 |
| • at 230 V | A | 5.6 |
| • at 400 V | A | 3.6 |
| • at AC-15 / at 690 V | A | 2.3 |
| **Operating current** | | |
| • of the auxiliary contacts / at DC-13 | | |
| • at 24 V | A | 10 |
| • at 60 V | A | 5 |
| • at 110 V | A | 1.14 |
| • at 220 V | A | 0.48 |

## Installation/ mounting/ dimensions:

| | | |
|---|---|---|
| **Type of mounting** | | snap-on mounting |
| **Width** | mm | 12 |
| **Height** | mm | 70 |
| **Depth** | mm | 51.5 |

## Connections/ terminals:

| | | |
|---|---|---|
| **Design of the electrical connection** | | |
| • for auxiliary and control current circuit | | screw-type terminals |
| **Type of the connectable conductor cross-section** | | |
| • for auxiliary contacts | | |
| • finely stranded | | |
| • with conductor end processing | | 2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²) |
| • for AWG conductors / for auxiliary contacts | | 2x (18 ... 12) |

## Safety:

| | | |
|---|---|---|
| **Product function / positively driven operation to IEC 60947-5-1** | | Yes |

## Certificates/ approvals:


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| General Product Approval | | | | Functional Safety / Safety of Machinery | Test Certificates |
|---|---|---|---|---|---|
| CCC | CSA | EAC | UL | Type Examination | Special Test Certificate |

| Shipping Approval | other |
|---|---|
| DNV | Declaration of Conformity |

## 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

**Cax online generator**
http://www.siemens.com/cax

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
http://support.automation.siemens.com/WW/view/en/3TY7561-1AA00/all

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TY7561-1AA00

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