

AUXILIARY CONTACT BLOCK WITH SCREW TERMINAL
FOR MOTOR CONTACTORS ACC. TO DIN EN 50012
IDENTIFICAT.NUMBER 23E,1NO+3NC



General technical data:

| | | |
|--|----|-------------------------------------|
| product brand name | | SIRIUS |
| 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 | | 3 |
| • 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 | | |
| • 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:

| | | |
|----------------------|----|------------------|
| Mounting type | | 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 mm ²), 2x (0.75 ... 2.5 mm ²) |
| • for AWG conductors / for auxiliary contacts | | 2x (18 ... 12) |

Safety:

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

Certificates/ approvals:

| General Product Approval | | | | Functional Safety / Safety of Machinery | Test Certificates |
|--|--|--|---|---|--|
|  CCC |  CSA |  |  UL | Type Examination | Special Test Certificate |
| Shipping Approval | | | | other | |
|  DNV |  GL |  PRS |  RINA | 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/3TX4413-1A/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TX4413-1A

last change:

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