

CONTACTOR COMBINATION FOR SAFETY CIRCUITS ENABLING AND SIGNALLING CIRCUIT 5N0+1NC, AC-OPERATION AC OPERATION AC 24V 50/60HZ

### General technical data

#### Installation environment regarding EMC

This product is suitable for Class A environments only. It can cause undesired radio-frequency interference in residential environments. If this is the case, the user must take appropriate measures.

### General technical data

#### Design of input

- |                  |    |
|------------------|----|
| • feedback input | No |
| • Start input    | No |

#### Type of electrical connection Plug-in socket

No

### Connections/Terminals

#### Type of connectable conductor cross-sections

- |                            |  |
|----------------------------|--|
| • solid                    | 1x (4 mm <sup>2</sup> ), 2x (1 ... 2.5 mm <sup>2</sup> ) |
| • finely stranded          |  |
| — with core end processing | 2x (0.75 ... 1.5 mm <sup>2</sup> )                       |

#### Type of connectable conductor cross-sections at AWG conductors

- |            |                |
|------------|----------------|
| • solid    | 2x (18 ... 14) |
| • stranded | 2x (20 ... 16) |

### Product Function

#### Suitability for use

- |   |    |
|---|----|
| • position switch monitoring              | No |
| • EMERGENCY-OFF circuit monitoring        | No |
| • valve monitoring                        | No |
| • tactile sensor monitoring               | No |
| • magnetically operated switch monitoring | No |
| • safety-related circuits                 | No |

### Certificates/approvals

#### Certificate of suitability

- |   |    |
|---|----|
| • TÜV (German technical inspectorate) certificate | No |
| • UL approval                                     | No |
| • BG BIA certificate                              | No |

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
--------------------------	---------------------------------------	---------------------------	-------------------



[Special Test Certificate](#)

**other**

[Environmental Confirmations](#)

[Confirmation](#)

**Further information**

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2805-0AC2>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2805-0AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3TK2805-0AC2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TK2805-0AC2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2805-0AC2&lang=en)

last modified:

08/11/2017