



SWITCHING MAGNET, RECTANGULAR, LARGE,
AMBER, NO: TK-42-CD

General technical details:

product designation		magnetically operated switch, switching magnet
Design of the product		coded magnet, rectangular
Product function / cross circuit/short circuit recognition		No
Product function / positive opening		No
Suitability for use / safety-related circuits		Yes
Switching frequency	Hz	5
Design of the evaluation unit / required		yes
Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
Item designation / according to DIN EN 61346-2		S

Enclosure:

Type of mounting		screw fixing
Design of the housing		block
Material		
• of the enclosure		plastic
Height of the sensor	mm	13
Length of the sensor	mm	88
Width of the sensor	mm	25
Mechanical installation condition for sensor		no flush installation possible

Contact:

Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0
Design of the switching output		Reed contacts

Ambient conditions:

Ambient temperature		
• during operating	°C	-25 ... +70

Certificates/approvals:

Protection class IP		IP67
Verification of suitability		CE / UL / CSA
Safety Integrity Level (SIL) / according to IEC 61508		SIL3
Performance level (PL) / according to ISO 13849-1		e
Category / according to EN 954-1		4

General Product
ApprovalFunctional Safety /
Safety of
Machinery

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/3SE6704-2BA/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE6704-2BA**last change:**

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