

SWITCHING MAGNET, RECTANGULAR, SMALL,  
AMBER, NO: TK-52-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		plastic
• of the enclosure		
Height of the sensor	mm	13
Length of the sensor	mm	33
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 Approval

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

last change:

Feb 18, 2013