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Data sheet 3TK2806-0BB4

	!!! product phase-out !!! The successor series is 3SK. contactor safety combination for safety circuits enabling and signaling circuit 5 NO+1 NC with self-latching mechanism K1 DC operation 24 V DC
product type designation	3TK28
Product Function	
suitability for use	
● position switch monitoring	No
● EMERGENCY-OFF circuit monitoring	No
● valve monitoring	No
● opto-electronic protection device monitoring	No
● tactile sensor monitoring	No
● magnetically operated switch monitoring	No
● proximity switch monitoring	No
● safety-related circuits	No
General technical data	
certificate of suitability UL approval	No
Substance Prohibitance (day/month/year)	05/01/2012
SVHC substance name	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol CAS-No. 79-94-7
Net Weight	0.935 kg
Electromagnetic compatibility	
installation environment regarding EMC	This product is suitable for Class A environments only. In household environments, this device can cause unwanted radio interference. The user is required to implement appropriate measures in this case.
Safety related data	
stop category according to IEC 60204-1	0
IEC 61508	
safety device type according to IEC 61508-2	Type A
Inputs	
design of input	
● feedback input	No
● start input	No
Connections/ Terminals	
type of connectable conductor cross-sections	
● solid	1x (4 mm²), 2x (1 ... 2.5 mm²)
● finely stranded with core end processing	2x (0.75 ... 1.5 mm²)
● for AWG cables solid	2x (18 ... 14)
● for AWG cables stranded	2x (20 ... 16)
connectable conductor cross-section	
● solid	1 ... 4 mm²
● finely stranded with core end processing	0.75 ... 1.5 mm²
AWG number as coded connectable conductor cross section	
● solid	18 ... 14
● stranded	20 ... 16
type of electrical connection plug-in socket	No

Approvals Certificates

Environment	General Product Approval	Functional Saftey	Test Certificates	other
Environmental Confirmations	UL, EAC	Type Examination Certificate	Special Test Certificate	Confirmation

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other



Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3TK2806-0BB4
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TK2806-0BB4
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TK2806-0BB4
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TK2806-0BB4&lang=en

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