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SIEMENS

Data sheet 3TH2040-0AK6



Figure similar

Contactor relay, 40E, EN 50011, 4 NO; Screw terminal AC operation 120 V AC 60 Hz/110 V AC 50 Hz !!! Phased-out product !!! Successor is SIRIUS 3RH21

product designation	Auxiliary contactor
product type designation	3TH2
size of contactor	0
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	07/01/2006
ambient temperature during operation	-25 ... +55 °C
type of voltage of the control supply voltage	AC
control supply voltage at AC	
● at 50 Hz rated value	110 V
● at 60 Hz rated value	120 V
control supply voltage frequency	
● **1 rated value**	50 Hz
● **2 rated value**	60 Hz
number of NC contacts for auxiliary contacts	0
● delayed switching	0
● lagging switching	0
● make-before-break switching	0
number of NO contacts for auxiliary contacts	4
● delayed switching	0
● leading contact	0
● make-before-break switching	0
number of CO contacts for auxiliary contacts	0
identification number and letter for switching elements	40 E
operational current at AC-15	
● at 230 V rated value	4 A
● at 400 V rated value	3 A
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
height	48 mm
width	45 mm
depth	68 mm
type of electrical connection for auxiliary and control circuit	screw-type terminals

Safety related data

B10 value with high demand rate according to SN 31920	400 000; With 0.3 x Ie
T1 value for proof test interval or service life according to IEC 61508	20 a

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these

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products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3TH2040-0AK6

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH2040-0AK6

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TH2040-0AK6

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH2040-0AK6&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current
https://support.industry.siemens.com/cs/ww/en/ps/3TH2040-0AK6/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3TH2040-0AK6&objecttype=14&gridview=view1

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