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Data sheet 3TH4280-0AK6



Figure similar

contactor relay, 80E, 8 NO, screw terminal, AC operation 120 V AC 60 Hz/110 V AC 50 Hz

product designation	Auxiliary contactor
product type designation	3TH4
size of contactor	0
reference code according to IEC 81346-2	K
Substance Prohibitance (day/month/year)	12/31/2099
Net Weight	0.435 kg
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	8
● 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	80 E
operational current at AC-15	
● at 230 V rated value	10 A
● at 400 V rated value	6 A
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022
height	78 mm
width	45 mm
depth	102 mm
type of electrical connection for auxiliary and control circuit	screw-type terminals
Safety related data	
product function positively driven operation according to IEC 60947-5-1	Yes
B10 value with high demand rate according to SN 31920	1 000 000; With 0.3 x Ie
IEC 61508	
T1 value	

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● for proof test interval or service life according to IEC 61508	20 a
Electrical Safety	
protection class IP on the front according to IEC 60529	IP00; IP20 with screws tightened, even for contacts not in use

Approvals Certificates

Environment	General Product Approval				
Environmental Confirmations	CCC	cULus	KC	EAC	CE EG-Konf.

General Product Approval	Functional Saftey	Test Certificates			
UKCA	Type Examination Certificate	Miscellaneous	Miscellaneous	Special Test Certificate	Type Test Certificates/Test Report

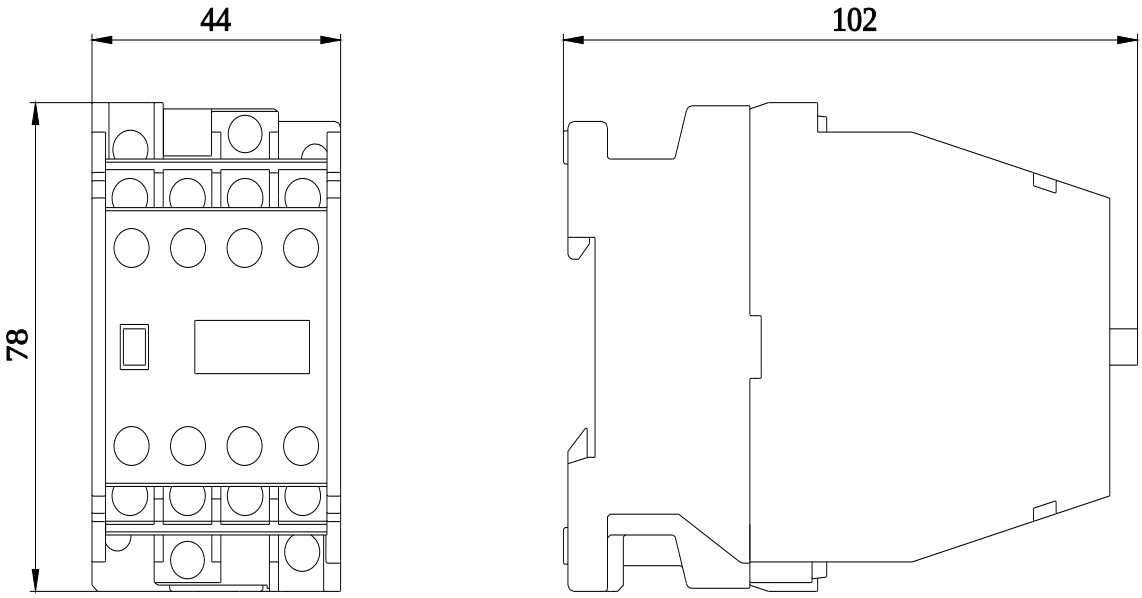
other	Railway
Confirmation	Special Test Certificate



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=3TH4280-0AK6
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TH4280-0AK6
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4280-0AK6&lang=en
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4280-0AK6
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last modified: 4/2/2025

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