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Data sheet 3TH4253-0BB4



Figure similar

contactor relay, 53E, 5 NO + 3 NC, screw terminal, DC operation 24 V DC

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)	03/01/2017
Net Weight	0.649 kg
ambient temperature during operation	-25 ... +55 °C
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	24 V
number of NC contacts for auxiliary contacts	3
● delayed switching	0
● lagging switching	0
● make-before-break switching	0
number of NO contacts for auxiliary contacts	5
● 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	53 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	135 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	
● 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	

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Environment	General Product Approval				
Environmental Confirmations					

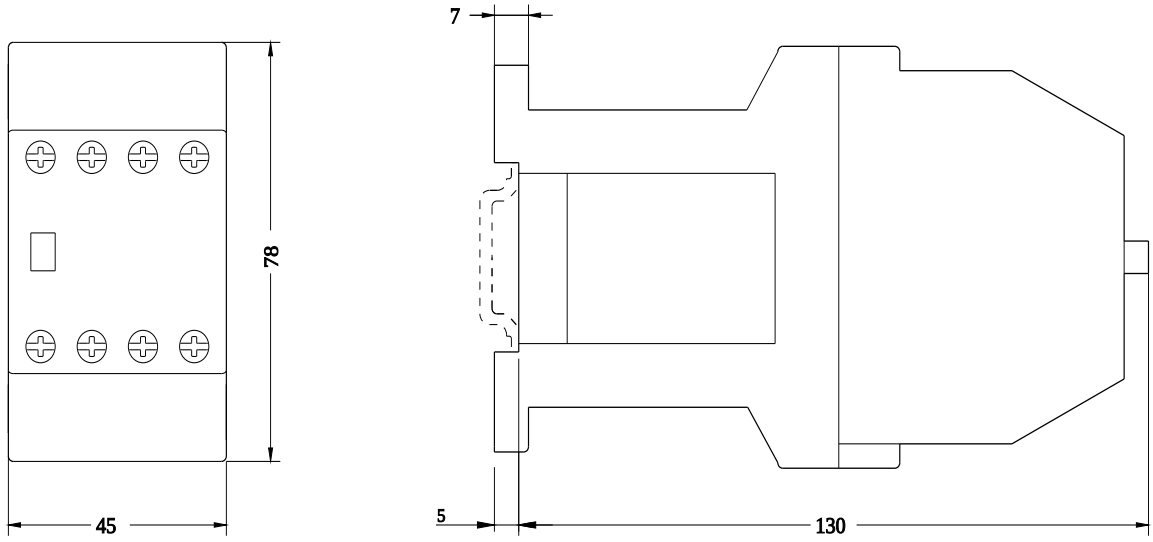
General Product Approval	Functional Saftey	Test Certificates			
	Type Examination Certificate	Miscellaneous	Miscellaneous	Special Test Certificate	Type Test Certificates/Test Report

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=3TH4253-0BB4
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3TH4253-0BB4
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TH4253-0BB4&lang=en
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TH4253-0BB4
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https://curves.simaris.siemens.com/curves/3TH4253-0BB4

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