SIEMENS

Product data sheet 3TH4310-0AP0

CONTACTOR RELAY 100E EN 50 011 10 NO,
SCREW TERMINALS AC OPERATION AC 230/220V 50HZ,
276/264V 60HZ

General details:		
Size of the contactor		0
Ambient temperature		
• during operating	°C	-25 … +55
Protection class IP / on the front		IP20
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K
• according to DIN EN 81346-2		K

Control circuit:		
Type of voltage / of the controlled supply voltage		AC
Control supply voltage frequency		
• 1	Hz	50
• 2	Hz	60
Control supply voltage		
• at 50 Hz / at AC / rated value	V	230
• at 60 Hz / at AC / rated value	V	277

Auxiliary circuit:

subject to modifications
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Operating current / at AC-15		
• at 230 V / rated value	A	10
• at 400 V / rated value	A	6
Identification number and letter for switching elements		100 E
Number of NC contacts / for auxiliary contacts		0
• lagging switching		0
• delayed switching		0
• asynchronous switching		0
Number of NO contacts / for auxiliary contacts		10
• leading switching		0
• delayed switching		0
• asynchronous switching		0
Number of changeover contacts / for auxiliary contacts		0

Connection type:

Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals

Mechanical design:

Type of mounting		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Width	mm	55
Height	mm	78
Depth	mm	102

Certificates/approvals:

General Product Approval | **Functional Safety / Safety of Machinery**

CCC CSA EAC UL

Type Examination

Test Certificates

other | Special Test Certificate | Type Test Certificates/Test Report

Shipping Approval

DNV GL LRS RMRS

other

Declaration of Conformity | other | Environmental Confirmations

Safety:

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Protection against electrical shock		finger-safe
B10 value / with high demand rate		
• according to SN 31920		1,000,000
• note		With 0.3 x Ie
T1 value / for proof test interval or service life / according to IEC 61508	a	20

Further information:

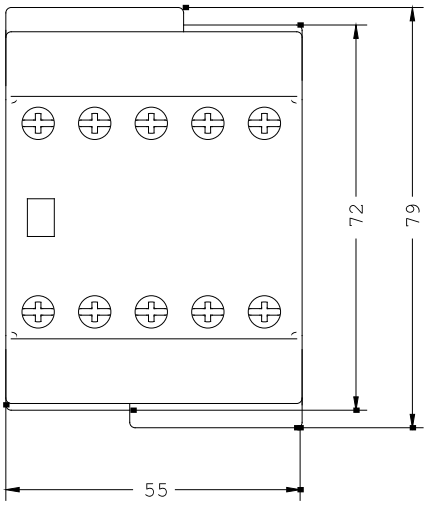
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

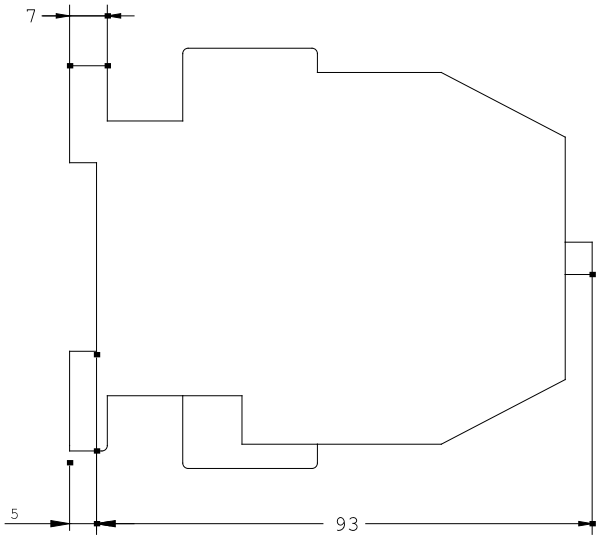
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

Cax online generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3TH4310-0AP0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TH4310-0AP0





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