

AUXIL.CONT.BLOCK,1NO LAGGING RIGHT,F.3TB46 TO 3TB50

General technical data:

Acceptability for application		Contactor relay and power contactor
Protection class IP / on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operating	°C	-25 ... +55
Mechanical operating cycles as operating time		
• typical		10,000,000
Insulation voltage / with degree of pollution 3		
• rated value	V	690
Impulse voltage resistance		
• rated value	kV	6

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts		
• instantaneous switching		0
• lagging switching		1
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		1
• leading switching		0
Operating current / of the auxiliary contacts / at AC-12		
• at 24 V	A	10
• at 230 V	A	10
• maximum	A	10
Operating current		
• of the auxiliary contacts		
• at AC-14		
• at 125 V	A	10
• at AC-15		
• at 24 V	A	10
• at 230 V	A	5.6
• at 400 V	A	3.6
Operating current		

- of the auxiliary contacts / at DC-13

- at 24 V
- at 60 V
- at 110 V
- at 220 V

A	10
A	5
A	1.14
A	0.48

Installation/ mounting/ dimensions:

Mounting type

snap-on mounting

Width

mm

12

Height

mm

70

Depth

mm

51.5

Connections/ terminals:

Design of the electrical connection

- for auxiliary and control current circuit

screw-type terminals

Type of the connectable conductor cross-section

- for auxiliary contacts
 - finely stranded
 - with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
2x (18 ... 12)

Safety:

Product function / positively driven operation to IEC 60947-5-1

Yes

Certificates/ approvals:

General Product Approval

other



[Declaration of Conformity](#)

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/3TY6501-1E/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3TY6501-1E

last change:

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