



auxiliary switch block 2 NO+2 NC, right

product category	Auxiliary switch
product designation	auxiliary switch
suitability for use	Contactor relay and power contactor
<b>General technical data</b>	
size of contactor	12
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	30 000 000
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Blei - 7439-92-1
number of NC contacts for auxiliary contacts	
• instantaneous contact	2
• lagging switching	0
number of NO contacts for auxiliary contacts	
• instantaneous contact	2
• leading contact	0
number of CO contacts of auxiliary contacts instantaneous contact	0
operational current of auxiliary contacts at AC-12	
• at 24 V	10 A
• at 230 V	10 A
operational current of auxiliary contacts at AC-14	
• at 125 V	10 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 24 V	10 A
• at 230 V	5.6 A
• at 400 V	3.6 A
operational current of auxiliary contacts at DC-12	
• at 24 V	10 A
• at 110 V	3.2 A
• at 220 V	0.9 A
operational current of auxiliary contacts at DC-13	
• at 24 V	10 A
• at 48 V	5 A
• at 60 V	5 A
• at 110 V	1.14 A
• at 125 V	0.98 A
• at 220 V	0.48 A

Ambient conditions		
ambient temperature	• during operation	-25 ... +55 °C
	• during storage	-55 ... +80 °C
Safety related data		
product function	• positively driven operation according to IEC 60947-5-1	No
Installation/ mounting/ dimensions		
fastening method	snap-on mounting	
height	70 mm	
width	52 mm	
depth	54 mm	
type of electrical connection for auxiliary and control circuit		screw-type terminals
connectable conductor cross-section for auxiliary contacts	• solid or stranded	0.5 ... 2.5 mm²
	• finely stranded with core end processing	0.5 ... 2.5 mm²
type of connectable conductor cross-sections	• for auxiliary contacts	
	— solid or stranded	2x (0,5 ... 1,0 mm²), 2x (1,0 ... 2,5 mm²)
	— finely stranded with core end processing	2x (0.5 ... 1.0 mm²), 2x (0.75 ... 2.5 mm²)
	• for AWG cables for auxiliary contacts	2x (18 ... 12)
AWG number as coded connectable conductor cross section for auxiliary contacts		18 ... 12
Approvals Certificates		
General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity



[Confirmation](#)



[Type Examination Certificate](#)



other

[Confirmation](#)

#### 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 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=3TY2781-2D>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3TY2781-2D>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3TY2781-2D>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3TY2781-2D&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3TY2781-2D&lang=en)



