## SIEMENS

## Data sheet

## 3TY2781-2C



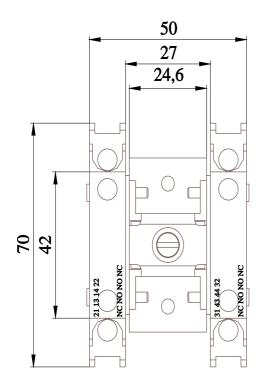
Auxiliary switch block, 2 NO+2 NC, left

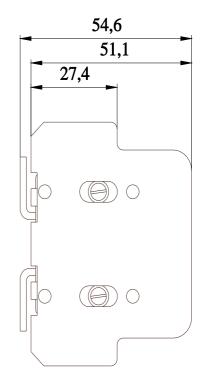
product designation	Auxiliary switch left
suitability for use	Contactor relay and power contactor
eneral technical data	
size of contactor	12
insulation voltage with degree of pollution 3 at AC rated value	690 V
surge voltage resistance rated value	6 kV
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	30 000 000
Substance Prohibitance (Date)	07/01/2006
number of NC contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	2
<ul> <li>lagging switching</li> </ul>	0
number of NO contacts for auxiliary contacts	
<ul> <li>instantaneous contact</li> </ul>	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
mbient conditions	

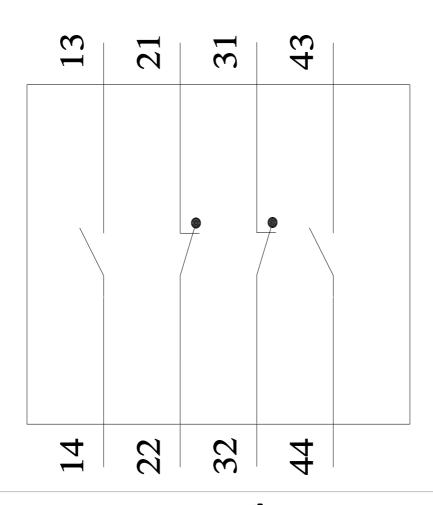
<ul> <li>during operation</li> </ul>	-25 +55 °C
during storage	-55 +80 °C
afety related data	
product function	
positively driven operation according to IEC 60947-5-1	No
nstallation/ mounting/ dimensions	
fastening method	snap-on mounting
height	70 mm
width	52 mm
depth	54 mm
onnections/ Terminals	
type 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 mm <sup>2</sup>
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 2.5 mm <sup>2</sup>
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 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )
<ul> <li>for AWG cables for auxiliary contacts</li> </ul>	2x (18 12)
AWG number as coded connectable conductor cross section for auxiliary contacts	18 12
pprovals Certificates	
	Type Examination Cer- tificate UK CA CE EG-Konf.
other	
Confirmation	
urther information	
Siemens has decided to exit the Russian market (see here).	own-russian-business
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-dd Siemens is working on the renewal of the current EAC certific: Please contact your local Siemens office on the status of validity of	<b>ates.</b> f the EAC certification if you intend to import or offer to supply these products to a
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Service&Support (Manuals, Certificates, Characteristics, FA https://support.industry.siemens.com/cs/ww/en/ps/3TY2781-2C

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3TY2781-2C&lang=en







12/23/2020 🖸

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