SIEMENS

Data sheet 3RT2626-1AC25



Capacitor contactor, AC-6b 20 kVAr, / 400 V 1 NO + 2 NC, 24 V AC, 50/60 Hz 3-pole, Size S0 screw terminal

product brand name	SIRIUS
product designation	capacitor contactors
product type designation	3RT26
General technical data	
size of contactor	S0
product extension auxiliary switch	No
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
 of main circuit rated value 	6 kV
of auxiliary circuit rated value	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (switching cycles)	
 of the contactor with added auxiliary switch block typical 	3 000 000
electrical endurance (switching cycles)	200 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2014
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
 during operation 	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Main circuit	
number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
operational current at AC-6b at 690 V at ambient temperature 60 °C rated value	29 A
operating reactive power at AC-6b	
 at 230 V at 50/60 Hz at ambient temperature 60 °C rated value 	4 11.5 kvar

• at 400 V at 50/60 Hz at ambient temperature 60 °C rated value	7 20 kvar
at 500 V at 50/60 Hz at ambient temperature 60 °C rated value	8 25 kvar
at 690 V at 50/60 Hz at ambient temperature 60 °C rated value	11 34 kvar
no-load switching frequency	
• at AC	500 1/h
operating frequency at AC-6b	
at 230 V maximum	100 1/h
• at 240 V maximum	100 1/h
• at 400 V maximum	100 1/h
• at 480 V maximum	100 1/h
• at 500 V maximum	100 1/h
• at 600 V maximum	100 1/h
at 690 V maximum	100 1/h
Control circuit/ Control	
type of voltage	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
control supply voltage frequency	
• 1 rated value	50 Hz
operating range factor control supply voltage rated	
value of magnet coil at AC	
● at 50 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	77 VA
inductive power factor with closing power of the coil	0.82
apparent holding power of magnet coil at AC	9.8 VA
inductive power factor with the holding power of the coil	0.25
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
residual current of the electronics for control with signal <0>	
at AC at 230 V maximum permissible	7 mA
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
• attachable	0
instantaneous contact	2
number of NO contacts for auxiliary contacts	1
• attachable	0
• instantaneous contact	1
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 230 V	6 A
• at 400 V	3 A
operational current of auxiliary contacts at DC-13	
• at 24 V	6 A
• at 60 V	2 A
• at 110 V	1 A
● at 125 V	0.9 A
at 220 V	
	0.3 A
contact reliability of auxiliary contacts UL/CSA ratings	0.3 A 0.00000001

type of coordination 1 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method screw accord height width depth required spacing • with side-by-side mounting at the side • for grounded parts at the side for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections • for main contacts - solid - stranded - solid or stranded with core end processing • for auxiliary contacts - solid - stranded or stranded - solid or stranded	(690 V, 50 kA) (500 V, 1 kA) potation possible on vertical mounting surface; can be tilted and backward by +/- 22.5° on vertical mounting surface as snap-on mounting onto 35 mm standard mounting rail to DIN EN 50022 The terminals are terminals be terminals be terminals be terminals The terminals are terminals be terminals The terminals are terminals are terminals.
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at 60 °C AWG number as coded connectable conductor cross 16 8	₁ 2
AWG number as coded connectable conductor cross 16 8	
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Safety related data	
product function	
mirror contact according to IEC 60947-4-1 No	
 positively driven operation according to IEC 60947- 5-1 	
protection class IP on the front according to IEC IP20 60529	
touch protection on the front according to IEC 60529 finger-	
Certificates/ approvals	e, for vertical contact from the front
General Product Approval	e, for vertical contact from the front





Confirmation







Declaration of Conformity Test Certificates Marine / Shipping other









Confirmation

other

Dangerous Good



Transport Information

Further information

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=3RT2626-1AC25

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2626-1AC25

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2626-1AC25

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

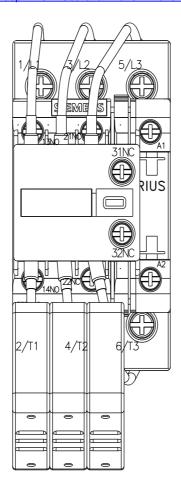
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2626-1AC25&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT2626-1AC25/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2626-1AC25&objecttype=14&gridview=view1



last modified: 12/8/2021 🖸