SIEMENS

Data sheet 3RH2921-2DE11



SOLID-STATE COMP. AUX. SWI. BL. SIDE, CURR.PATH: 1NO, 1NC, FOR MOTOR CONTACTORS, SZ S0 AND S2 SPRING-LOADED TERMINAL R: 33/34, 41/42 L: 51/52, 63/64

General technical data:		
product brand name		SIRIUS
Suitability for use		Contactor relay and power contactor
Protection class IP on the front		IP20
Ambient temperature		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +60
Mechanical service life (switching cycles) typical		5 000 000
Contact reliability		one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Contact reliability of the auxiliary contacts		one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Insulation voltage with degree of pollution 3 Rated value	V	690
Surge voltage resistance Rated value	kV	6

Auxiliary circuit:		
Number of NC contacts for auxiliary contacts		
• instantaneous contact		1
• lagging switching		0
Number of NO contacts for auxiliary contacts		
• instantaneous contact		1
• leading contact		0
Operating current		
• of the auxiliary contacts at DC-13		
— at 24 V	A	0.3

Changes preserved
© Copyright Siemens AG

— at 60 V	A	0.3

Installation/ mounting/ dimensions:

Mounting type		snap-on mounting
Width	mm	10
Height	mm	61.2
Depth	mm	66

Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		spring-loaded terminals
Type of connectable conductor cross-section		
• for auxiliary contacts		
— finely stranded		
— with core end processing		2x (0.5 ... 1.5 mm²)
— without core end processing		2x (0.5 ... 2.5 mm²)
• for AWG conductors for auxiliary contacts		2x (20 ... 14)

Safety related data:

Product function Mirror contact acc. to IEC 60947-4-1		Yes
• **Note**		with 3RT2
Product function positively driven operation acc. to IEC 60947-5-1		No

Certificates/ approvals:

General Product Approval				Declaration of Conformity	Test Certificates
CCC	CSA	UL	EAC	EG-Konf.	Type Test Certificates/Test Report

Test Certificates	Shipping Approval				
Special Test Certificate	ABS	BUREAU VERITAS	DNV	GL	LRS

Shipping Approval			other	
PRS	RINA	RMRS	Environmental Confirmations	Confirmation

VDE

Changes preserved
© Copyright Siemens AG

Further information

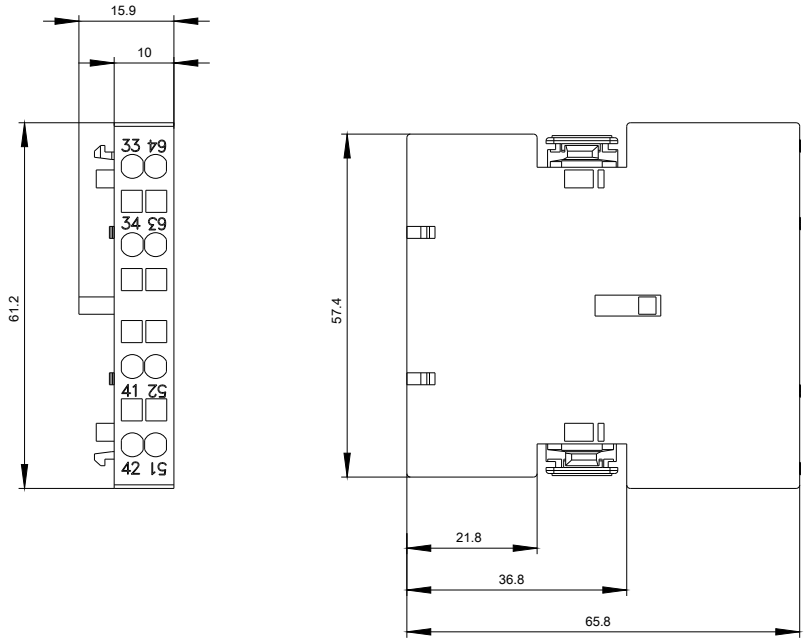
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

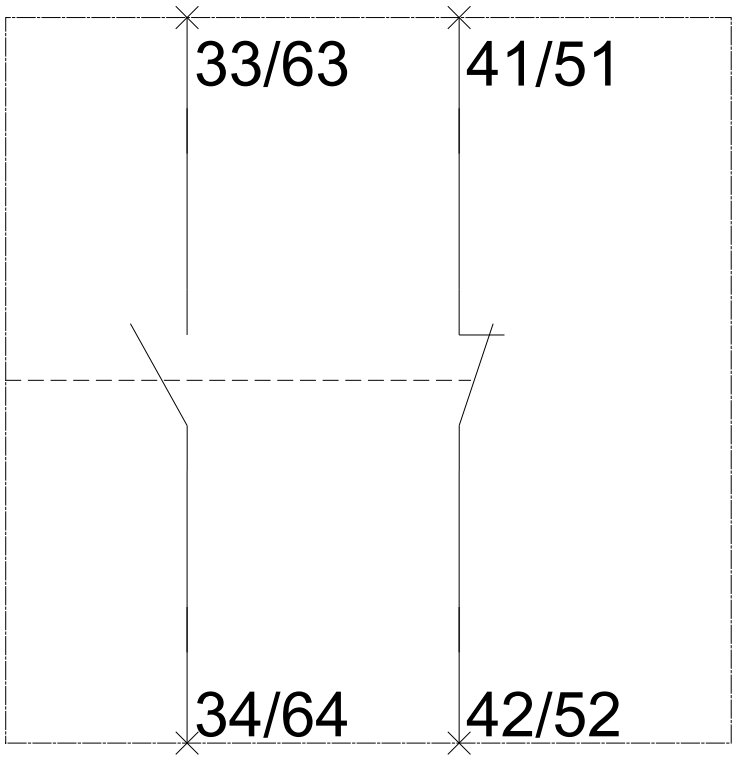
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH29212DE11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RH29212DE11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH29212DE11&lang=en



Changes preserved
© Copyright Siemens AG



Changes preserved
© Copyright Siemens AG