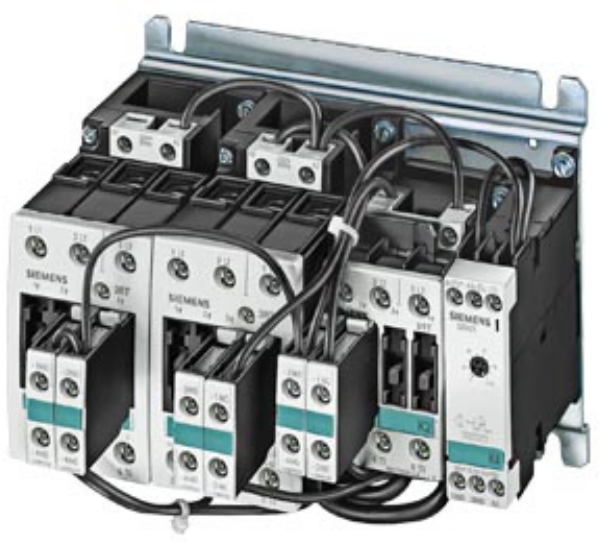
SIEMENS

Product data sheet 3RA1434-8XC21-1BB4



CONTACTOR COMBINATION,
STAR-DELTA (PREASSEMBLED) SIDE-MOUNTING ON TIME RELAY,
AC-3 22/30 KW/400 V, 3-POLE,
SIZE S2,S2,S0, EL.LOCK. DEVICE,
SCREW CONNECTION, DC 24V

General details:		
product brand name		SIRIUS
product designation		contactor assembly
Product function		wye-delta-contactor
Size of the contactor		S2, S2, S0
Protection class IP / on the front		IP20
Degree of pollution		3
Insulation voltage / with degree of pollution 3 / rated value	V	690
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during operating	°C	-25 … +60
• during storage	°C	-55 … +80
• during transport	°C	-55 … +80
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		Q
Mechanical operating cycles as operating time		
• of the main contacts / typical		10,000,000
• of the auxiliary contacts / typical		10,000,000

© Copyright Siemens AG 2013

• of the contactor with added auxiliary switch block / typical		10,000,000

Main circuit:		
Number of poles / for main current circuit		3
Number of NC contacts / for main contacts		0
Operating voltage / at AC-3 / rated value / maximum	V	690
Operational current / at AC-3 / at 400 V / rated value	A	65
Service power / at AC-3		
• at 400 V / rated value	kW	30
• at 500 V / rated value	kW	35
• at 690 V / rated value	kW	34

Steuerstromkreis/Ansteuerung:		
Design of activation		conventional
Design of the surge suppressor		without
Type of voltage / of the controlled supply voltage		DC
Control supply voltage / 1		
• for DC / rated value	V	24
operating range factor control supply voltage rated value / of the magnet coil		
• at 50 Hz		
• for AC		0.8 … 1.1
• at 60 Hz		
• for AC		0.85 … 1.1
• for DC		0.8 … 1.1

Auxiliary circuit:		
Product extension / auxiliary switch		Yes
Number of NC contacts / for auxiliary contacts		
• instantaneous switching		4
• lagging switching		0
Number of NO contacts / for auxiliary contacts		
• instantaneous switching		4
• leading switching		0

Short-circuit:		
Design of the fuse link		
• for short-circuit protection of the auxiliary switch / required		fuse gL/gG: 10 A
• for short-circuit protection of the main circuit		
• with type of assignment 1 / required		fuse gL/gG: 125 A
• at type of coordination 2 / required		fuse gL/gG: 63 A

© Copyright Siemens AG 2013

Einbau/Befestigung/Abmessung:

mounting position		with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
Type of mounting		screw fixing
Width	mm	178
Height	mm	140
Depth	mm	184
Distance, to be maintained, to the ranks assembly / sidewards	mm	0
Distance, to be maintained, to earthed part / sidewards	mm	0
Distance, to be maintained, conductive elements		
• sidewards	mm	0

Anschlüsse/Klemmen

Design of the electrical connection / for main current circuit		screw-type terminals

Approbationen/ Zertifikate

Verification of suitability	CE / UL / CCC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS

General Product Approval	**Declaration of Conformity**
GOST	EG-Konf.

Shipping Approval

BUREAU VERITAS | GL | LRS | RINA | RMRS

other

other	Environmental Confirmations

Sicherheitstechnische Merkmale

Contact reliability / of the auxiliary contacts		1 faulty switching per 100 million (17 V, 1 mA)

Further information:

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

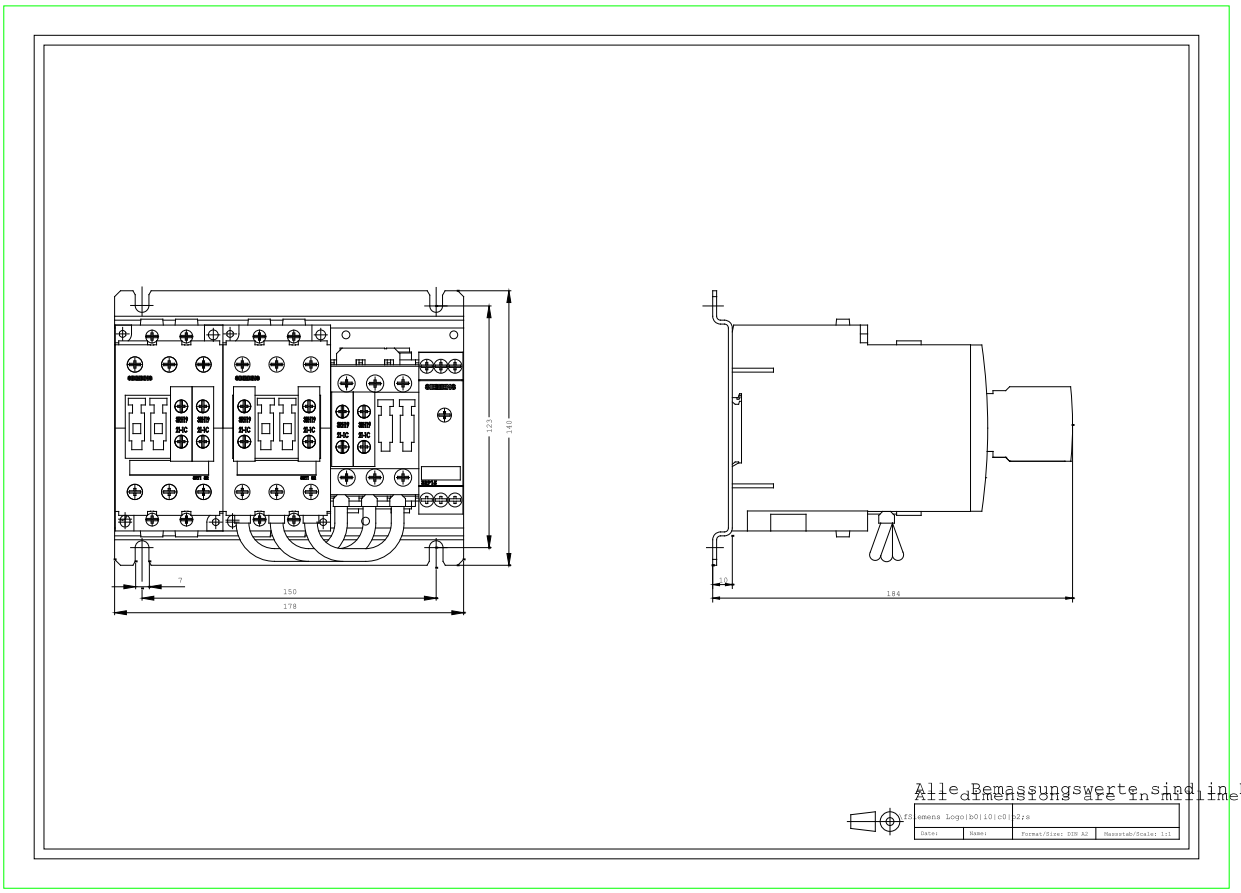
Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

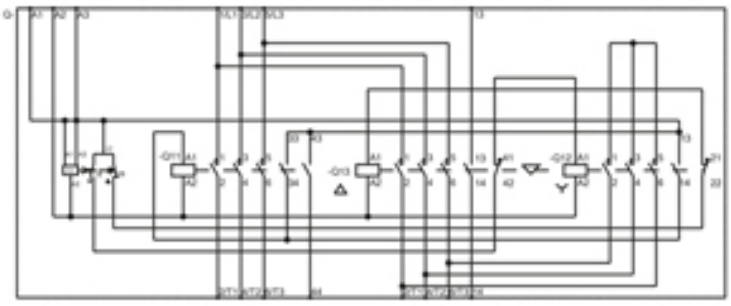
CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RA1434-8XC21-1BB4/all

© Copyright Siemens AG 2013

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA1434-8XC21-1BB4





© Copyright Siemens AG 2013

last change: Jan 28, 2013

© Copyright Siemens AG 2013