

CONTACTOR COMBINATION,  
STAR-DELTA (MOUNTED) CUSTOMIZED



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

• 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

**Operating current / at AC-3 / at 400 V / rated value**

A

25

**Service power / at AC-3**

• at 400 V / rated value

kW

11

• at 500 V / rated value

kW

15.6

• at 690 V / rated value

kW

19

#### Control circuit:

**Design of activation**

conventional

**Design of the surge suppressor**

with varistor

**Voltage type / of control feed voltage**

AC

**Control supply voltage frequency**

• 1 / rated value

Hz

50

• 2 / rated value

Hz

60

**Control supply voltage / 1**

• for AC / at 50 Hz / rated value

V

230

• for AC / at 60 Hz / rated value

V

230

**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
- at type of coordination 2 / required

fuse gL/gG: 63 A

fuse gL/gG: 25 A

#### Installation/ mounting/ dimensions:

<b>mounting position</b>		with vertical mounting surface +/-180° rotatable, with vertical mounting surface +/- 30° tiltable to the front and back
<b>Mounting type</b>		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
<b>Width</b>	mm	158
<b>Height</b>	mm	88
<b>Depth</b>	mm	135
<b>Distance, to be maintained, to the ranks assembly / sideways</b>	mm	0
<b>Distance, to be maintained, to earthed part / sideways</b>	mm	0
<b>Distance, to be maintained, conductive elements</b>		
• sideways	mm	0

#### Connection elements and terminals:

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

#### Certificates/ approvals:

<b>Verification of suitability</b>	CE / UL / CCC / GL / LRS / BV / DNV / RMRS / RINA / PRS / ABS
------------------------------------	---

**General Product Approval**

**Declaration of Conformity**

**Shipping Approval**



EG-Konf.



GL



LRS



RINA



RMRS

other

[other](#)

[Environmental Confirmations](#)

#### Sicherheitstechnische Merkmale:

<b>Contact reliability / of the auxiliary contacts</b>	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)**

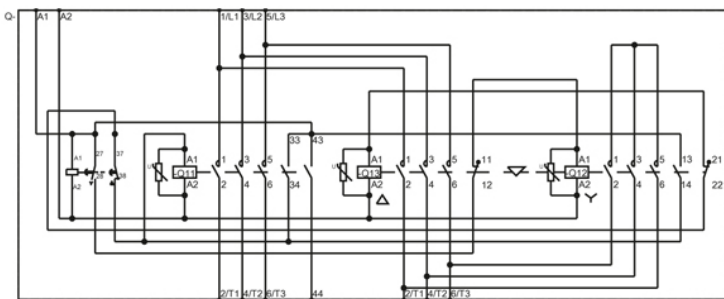
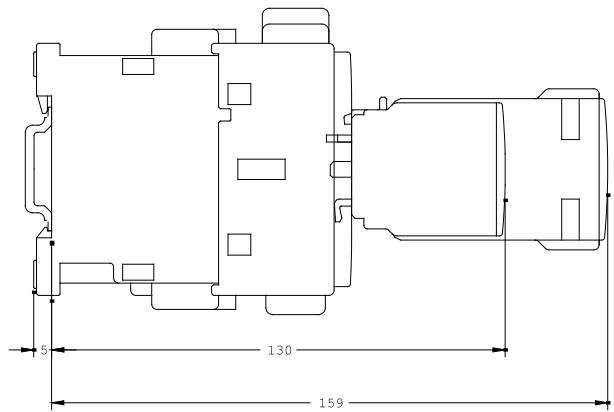
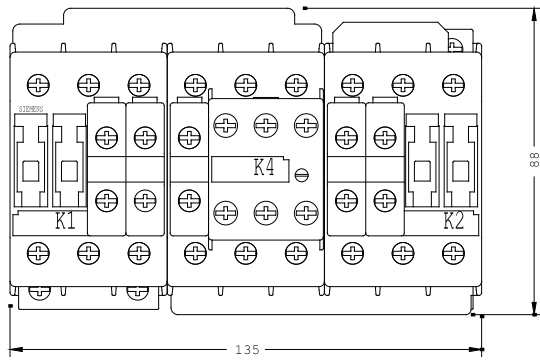
<http://www.siemens.com/industrial-controls/mall>

**Cax online generator**

<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA1423-8XB20-1CL2/all>



last change:

Jul 28, 2014