

FUNCTION MODULE WYE-DELTA COMPRISING A BASIC MODULE AND 2 COUPLING MODULES WITH INTEGRATED CONNECTING CABLE;

General technical data:

Product brand name		SIRIUS
Design of the product		star-delta (wye-delta)
Size of the contactor / can be combined • company-specific		S00, S0
Protection class IP / frontal/front side		IP20
Protection class IP / of the terminal		IP20
Degree of pollution		3
Insulation voltage / with degree of pollution 3 • rated value	V	300
Altitude of installation site / at a height over sea level / maximum	m	2,000
Ambient temperature • during storage • during the operating phase • during transport	°C °C °C	-40 ... 85 -25 ... 60 -40 ... 85
EMC immunity to interference • according to IEC 60947-1		ambience A (industrial sector)
EMC emitted interference • according to IEC 60947-1		CISPR11, ambience A (industrial sector)
Conductor-bound parasitic coupling BURST • according to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conductor-bound parasitic coupling conductor-earth SURGE • according to IEC 61000-4-5		2 kV
Conductor-bound parasitic coupling conductor-conductor SURGE • according to IEC 61000-4-5		1 kV
Electrostatic discharge • according to IEC 61000-4-2		8 kV
Field-bound parasitic coupling • according to IEC 61000-4-3		10 V/m
Resistance against shock		15g / 11 ms

Resistance against vibration		10 ... 55 Hz / 0.35 mm
Impulse voltage resistance / rated value	kV	4
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K
• according to DIN EN 61346-2		K
Adjustable time	s	1.5 ... 60
Switching function		
• slow-operating		No
• relapse delayed		No
• with auxiliary voltage		
• relapse delayed		No
• without auxiliary voltage / relapse delayed		No
• with auxiliary voltage / pulse shaping		No
Product component / Semi-conductor output		No
Product extension		
• optional / Remote control		No
• strictly required / Remote control		No
Product function		
• star-delta circuit		Yes
• at the relay outputs / Changeover delayed/without delay		Yes

Control circuit:

Supply voltage / strictly required		
• Auxiliary voltage		No
Type of voltage		
• of the controlled supply voltage		AC/DC
control supply voltage frequency / 1	Hz	50 ... 60
Control supply voltage / 1		
• for DC	V	24 ... 240
• at 50 Hz / for AC	V	24 ... 240
• at 60 Hz / for AC	V	24 ... 240
Operating range factor control supply voltage rated value		
• of solenoid		0.85 ... 1.1

Auxiliary circuit:

Operating current / of the auxiliary contacts		
• at AC-15 / at 250 V	A	3
• at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2

- at 250 V

A	0.1
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Installation/mounting/dimensions:

built in orientation

	any
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Width

mm	45
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Height

mm	38
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Depth

mm	74
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distance, to be maintained, to the ranks assembly

- upwards
- downwards
- forwards
- backwards
- sideways

mm	0
mm	0
mm	0
mm	0
mm	0

distance, to be maintained, to earthed part

- upwards
- downwards
- forwards
- backwards
- sideways

mm	0
mm	0
mm	0
mm	0
mm	0

distance, to be maintained, conductive elements

- upwards
- downwards
- forwards
- backwards
- sideways

mm	0
mm	0
mm	0
mm	0
mm	0

Connections:

design of the electrical connection

- for auxiliary and control current circuit

tab terminals

Product function

- removable terminal for auxiliary and control circuit

No

Certificates/approvals:

verification of suitability

- EC declaration of conformity
- CSA-approval
- UL-registration

CE / UL / CSA
Yes
Yes
Yes

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

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

