

CIRCUIT-BREAKER N-RELEASE 26 A, SIZE S0 STARTER
PROTECTION, 100 KA SCREW CONNECTION STANDARD
BREAKING CAPACITY



General technical data:	
product brand name	SIRIUS
product designation	circuit breaker
Size of the circuit-breaker	S0
Degree of pollution	3
Installation altitude / at a height over sea level / maximum	m 2,000
Protection class IP / on the front	IP20
Ambient temperature	
• during storage	°C -50...+80
• during operating	°C -20...+70
• during transport	°C 80...-50
Resistance against shock	25g / 11 ms
Insulation voltage / rated value	V 690
Impulse voltage resistance / rated value	V 6,000
Active power loss / total / typical	W 6
Item designation	
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	Q
• according to DIN EN 61346-2	Q
Mechanical operating cycles as operating time / of the main contacts / typical	100,000
Type of the driving mechanism / motor drive	No
Design of the operating mechanism	selector switch
Product function	
• overload protection	No
• phase disturbance recognition	No
Product component	

• auxiliary switch	No
• undervoltage release mechanism	No
• trip indicator	No
Product extension / optional / motor drive	No

Main circuit:

Number of poles / for main current circuit	3
type of voltage	AC/DC
Operating voltage / at AC-3 / rated value / maximum	V 690
Operating current / at AC-3 / at 400 V / rated value	A 2
Service power / at AC-3	
• at 400 V / rated value	kW 0.75
Frequency of operation / at AC-3 / according to IEC 60947-6-2 / maximum	1/h 15
Arrangement of electrical connectors / for main current circuit	front side
Adjustable response current	
• of the non-delayed short-circuit release	A 26...26
Continuous current / rated value	A 2
Product extension / auxiliary switch	Yes

Auxiliary circuit:

Number of NC contacts / for auxiliary contacts / instantaneous switching	0
Number of NO contacts / for auxiliary contacts / instantaneous switching	0
Number of change-over switches / for auxiliary contacts	0

Inputs/ Outputs:

Number of digital inputs	0
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Short-circuit:

Breaking capacity limit short-circuit current (I _{cu})	
• at 400 V / rated value	kA 100
• at 500 V / rated value	kA 100
• at 690 V / rated value	kA 8
Design of the electrical connection / for auxiliary and control current circuit	screw-type terminals
Design of the overcurrent release and short-circuit release	magnetic

Installation/mounting/dimensions:

Built in orientation	any
Type of mounting	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
Width	mm 45
Height	mm 97
Depth	mm 96
Distance, to be maintained, to the ranks assembly	
• backwards	mm 0
• sideways	mm 0
Product function / removable terminal for auxiliary and control circuit	No

Connections:

Design of the electrical connection	
• for main current circuit	screw-type terminals
Type of the connectable conductor cross-section	
• for main contacts	
• solid	2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
• stranded	2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)

- finely stranded
 - with conductor end processing
 - for AWG conductors / for main contacts
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- Conductor cross section that can be connected / for main contacts**
- solid
 - stranded
 - stranded wire
 - with conductor end processing
-
- AWG number / as coded connectable conductor cross-section**
- for main contacts

	2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
	2x (14 ... 10)
mm ²	1...6
mm ²	1...6
mm ²	1...6
	14...10

Certificates/approvals:

General Product Approval

<input checked="" type="checkbox"/> CQC	<input checked="" type="checkbox"/> CSA	ROSTEST	<input checked="" type="checkbox"/> UL
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Shipping Approval

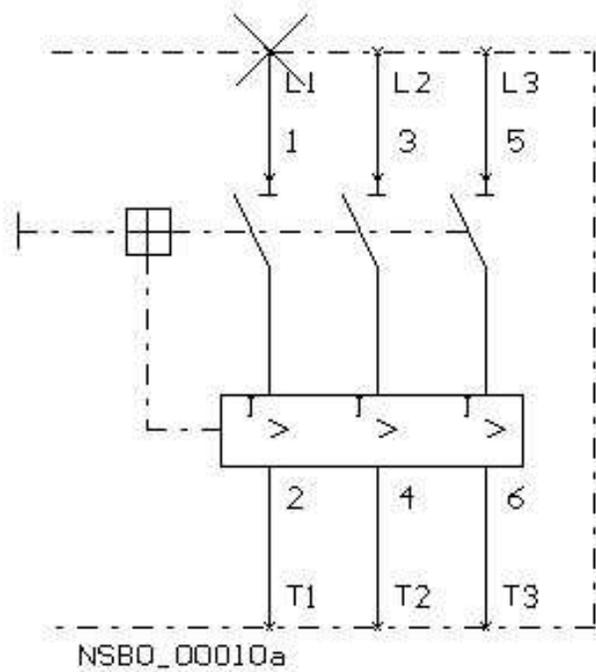
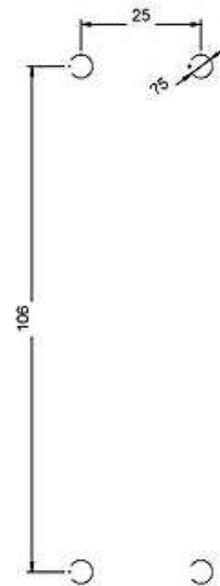
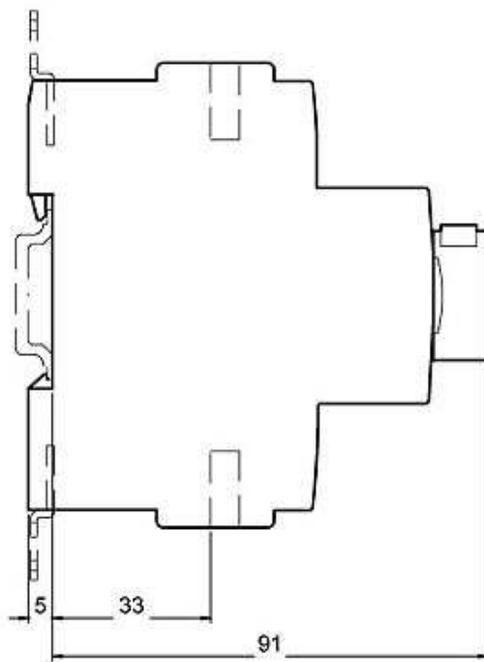
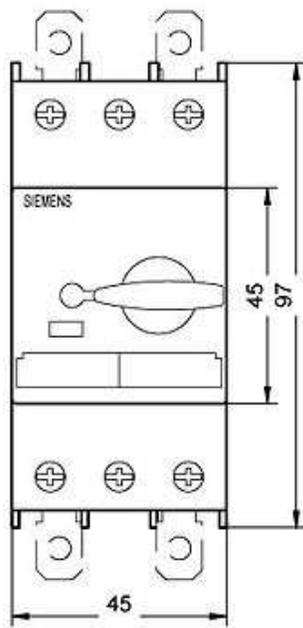
<input checked="" type="checkbox"/> ABS (American Bureau of Shipping)	<input checked="" type="checkbox"/> BV (Bureau Veritas)	<input checked="" type="checkbox"/> DNV (Det Norske Veritas)	<input checked="" type="checkbox"/> GL (Germanischer Lloyd)
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Safety:

Protection against electrical shock	finger-safe
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Further information:

- Information- and Downloadcenter (Catalogs, Brochures,...)**
<http://www.siemens.com/industrial-controls/catalogs>
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- 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/3RV1321-1BC10/all>
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- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV1321-1BC10



last change:

Feb 6, 2012