



CIRCUIT-BREAKER SIZE S00,
FOR MOTOR PROTECTION, CLASS 10,
A-REL. 0.7...1A, N-REL. 13A,
SCREW TERMINAL,
STANDARD SWITCHING CAPACITY

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

General technical data:	
product brand name	SIRIUS
product designation	circuit breaker
Size of the circuit-breaker	S00
Number of poles / for main current circuit	3
Product function	
<ul style="list-style-type: none"> removable terminal for auxiliary and control circuit 	No
<ul style="list-style-type: none"> overload protection 	Yes
<ul style="list-style-type: none"> phase disturbance recognition 	Yes
<ul style="list-style-type: none"> short-circuit to earth recognition 	No
Product component	
<ul style="list-style-type: none"> auxiliary switch 	No
<ul style="list-style-type: none"> undervoltage release mechanism 	No
<ul style="list-style-type: none"> trip indicator 	No
Product extension	
<ul style="list-style-type: none"> auxiliary switch 	Yes
<ul style="list-style-type: none"> optional / motor drive 	No
Impulse voltage resistance / rated value	V 6,000
Protection class IP / on the front	IP20
Protection against electrical shock	finger-safe

Installation altitude / at a height over sea level / maximum	m	2,000
Resistance against shock		25g / 11 ms
Ambient temperature		
• during transport	°C	-50 ... +80
• during storage	°C	-50 ... +80
• during operating	°C	-20 ... +70
Active power loss / total / typical	W	5

Main circuit:

Operating voltage / rated value	V	690
type of voltage		AC/DC
Service power / at AC-3 / at 400 V / rated value	kW	0.25
Operating current / at AC-3 / at 400 V / rated value	A	1
Mechanical operating cycles as operating time / of the main contacts / typical		100,000
Frequency of operation / at AC-3 / according to IEC 60947-6-2	1/h	15

Auxiliary circuit:

Number of changeover contacts / for auxiliary contacts		0
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Protection function:

Trip class		CLASS 10
Adjustable response current / of the current-dependent overload release	A	0.7 ... 1
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	100

Installation/mounting/dimensions:

Type of mounting		screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022
mounting position		any
Depth	mm	81
Height	mm	90
Width	mm	45

Connections:

Arrangement of electrical connectors / for main current circuit		front side
Design of the electrical connection		
• for main current circuit		screw-type terminals
• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section		

- for main contacts
 - solid
 - finely stranded
 - with conductor end processing
 - stranded
- for AWG conductors / for main contacts

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

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2x (18 ... 14)

Certificates/approvals:

General Product Approval



Test Certificates

[Special Test Certificate](#)

Shipping Approval



Shipping Approval

other



[Confirmation](#)

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

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:

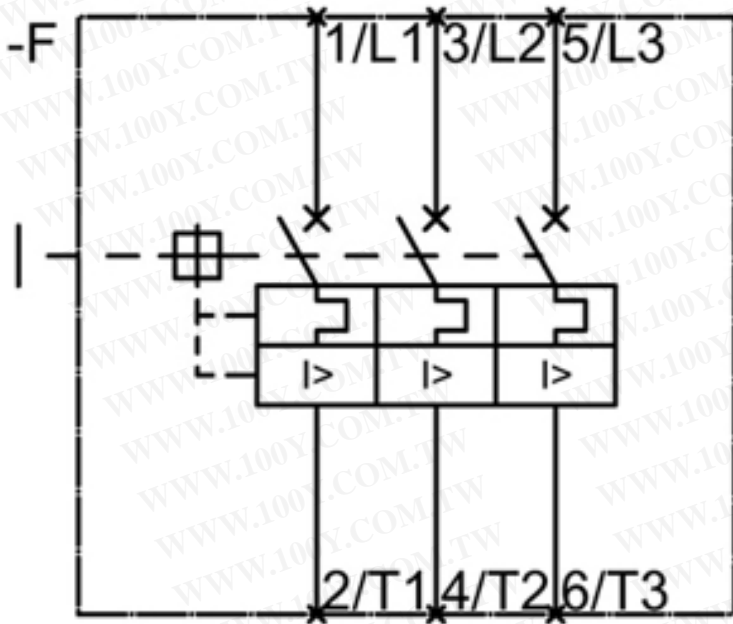
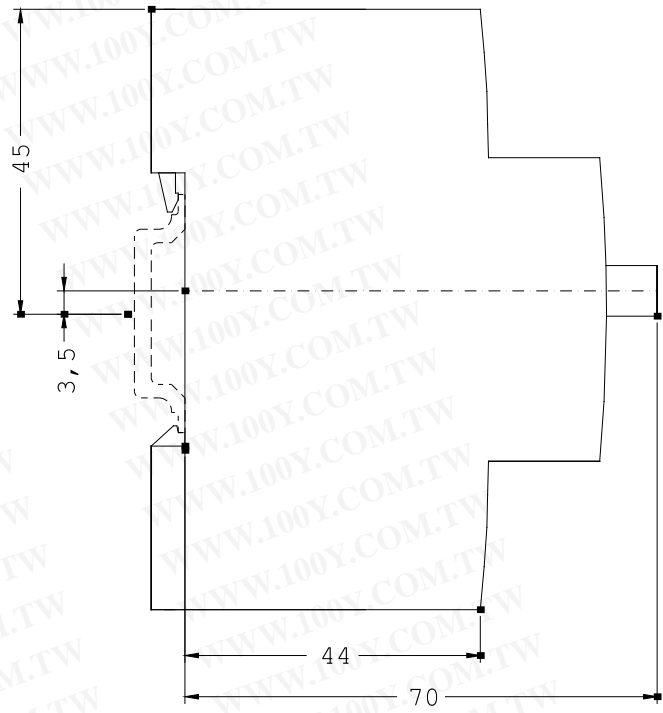
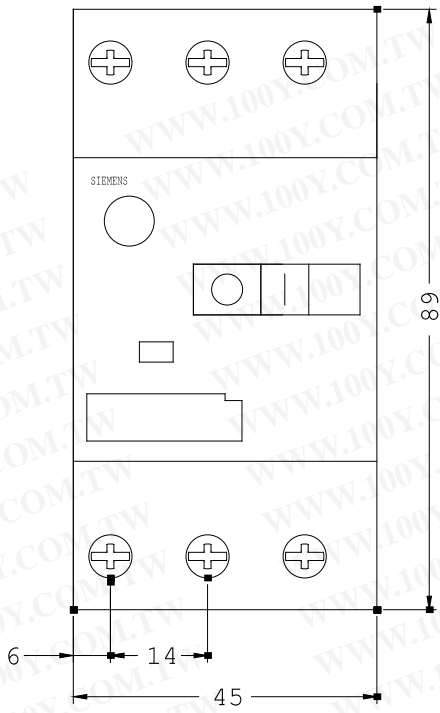
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RV1011-0JA10/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV1011-0JA10



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