

MOLDED CASE CIRC.BREAKER 3RV1 FOR MOTOR PROTECTION STANDARD SWITCHING CAPACITY RATED CURRENT IN=400A ELECTRONIC RELEASE SHORT-CIRCUIT PROTECTION ADJUSTABLE 6-13XLN OVERLOAD PROTECTION UEL 0.4-1XLN, CLASS 10A-30 ICU =120KA AT 400V 3-POLE, SCREW TERMINAL INCL. PHASE BARRIERS

General technical data:		
<b>product brand name</b>		SIRIUS
<b>Product designation</b>		molded-case circuit breaker
<b>Size of the circuit-breaker</b>		3RV1.7
<b>Number of poles / for main current circuit</b>		3
<b>Product function</b>		
• removable terminal for auxiliary and control circuit		No
• overload protection		Yes
• phase disturbance recognition		Yes
• short-circuit to earth recognition		No
<b>Product component</b>		
• auxiliary switch		No
• undervoltage release mechanism		No
• trip indicator		No
<b>Product extension</b>		
• auxiliary switch		Yes
• optional / motor drive		No
<b>Impulse voltage resistance / rated value</b>	V	8,000
<b>Protection class IP / on the front</b>		IP20
<b>Protection against electrical shock</b>		finger-safe
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Resistance against shock</b>		25g / 11 ms
<b>Ambient temperature</b>		
• during transport	°C	-40 ... +70
• during storage	°C	-40 ... +70
• during operating	°C	-25 ... +60
Main circuit:		
<b>Operating voltage / rated value</b>	V	690

Service power / at AC-3 / at 400 V / rated value	kW	200
Operating current / at AC-3 / at 400 V / rated value	A	400
Mechanical operating cycles as operating time / of the main contacts / typical		20,000
Frequency of operation / with AC-3 / maximum	1/h	15

#### Auxiliary circuit:

Number of changeover contacts / for auxiliary contacts

0

#### Protection function:

Trip class

CLASS 10, 20 and 30 adjustable

Adjustable response current / of the current-dependent overload release

A

160 ... 400

#### Installation/mounting/dimensions:

Mounting type

screw fixing

mounting position

any

Depth

mm

103.5

Height

mm

205

Width

mm

140

#### Connections:

Arrangement of electrical connectors / for main current circuit

front side

Design of the electrical connection

- for main current circuit
- for auxiliary and control current circuit

screw-type terminals

screw-type terminals

#### Certificates/approvals:

General Product Approval

Test Certificates



[Special Test Certificate](#)

#### Shipping Approval



ABS



BUREAU VERITAS



DNV



GL



LRS



RINA

#### Shipping Approval

other



RMRS

[Confirmation](#)

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

#### Further information:

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**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>

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**Cax online generator:**

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

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

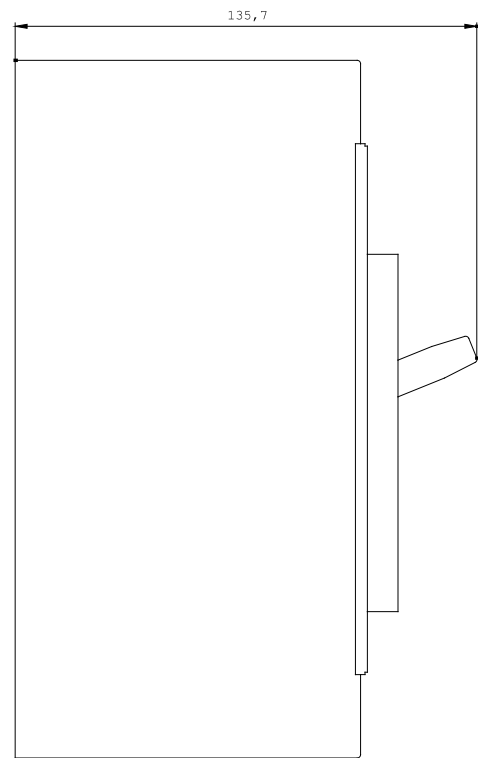
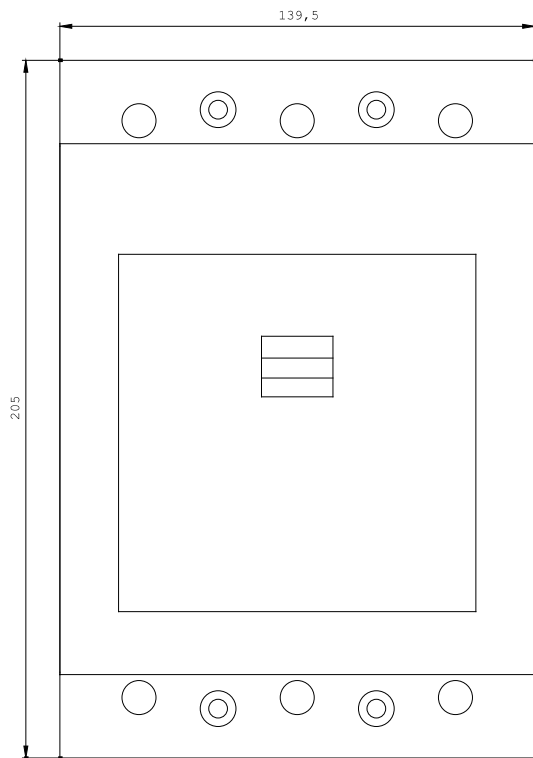
<http://support.automation.siemens.com/WW/view/en/3RV1073-7GL10/all>

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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=3RV1073-7GL10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RV1073-7GL10)

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**last change:**

Aug 4, 2014