

MOLDED CASE CIRC.BREAKER 3RV1 FOR STARTER
COMBINATION STANDARD SWITCHING CAPACITY
RATED CURRENT IN=8.5A MAGNETIC RELEASE SHORT-
CIRCUIT PROTECTION NON-ADJUSTABLE 13XLN ICU
=85KA AT 400V 3-POLE,
SCREW TERMINAL INCL. PHASE BARRIERS

General technical data:

product brand name		SIRIUS
Product designation		molded-case circuit breaker
Size of the circuit-breaker		3RV1.5
Number of poles / for main current circuit		3
Product function		
• removable terminal for auxiliary and control circuit		No
• overload protection		No
• phase disturbance recognition		No
• short-circuit to earth recognition		No
Product component		
• auxiliary switch		No
• undervoltage release mechanism		No
• trip indicator		No
Product extension		
• auxiliary switch		Yes
• optional / motor drive		No
Impulse voltage resistance / rated value	V	8,000
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	-40 ... +70
• during storage	°C	-40 ... +70
• during operating	°C	-25 ... +70

Main circuit:

Operating voltage / rated value	V	690
Service power / at AC-3 / at 400 V / rated value	kW	4

Operating current / at AC-3 / at 400 V / rated value	A	8.5
Mechanical operating cycles as operating time / of the main contacts / typical		25,000
Frequency of operation / with AC-3 / maximum	1/h	15

Auxiliary circuit:

Number of changeover contacts / for auxiliary contacts

0

Installation/mounting/dimensions:

Mounting type

screw fixing

mounting position

any

Depth

mm

70

Height

mm

130

Width

mm

90

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

Declaration of Conformity

Test Certificates



[Special Test Certificate](#)

Shipping Approval



ABS



DNV



GL



RINA



RMRS

other

[Confirmation](#)

[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/3RV1353-6HP10/all>

last change:

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