

LOAD FEEDER FUSELESS DIRECT START,
AC 400V, SZ.S0, 4.5...6.3A ;
DC 24V 1NO (CONTACTOR),
SCREW-TYPE TERMINAL BUSBAR ADAPTER 60MM
TYPE OF COORDINATION 2,
IQ = 50KA CONTACTOR WITH CC COIL 1NO+1NC (AS
MCB SPRING-LOADED) 2NO+2NC (AS CONTACTOR
SPRING-LOADED)

General technical data:		
product brand name		SIRIUS
Product designation		non-fused load feeder
Design of the product		direct starter
Size of the load feeder		S0
Protection class IP / on the front		IP20
Degree of pollution		3
Insulation voltage / rated value	V	690
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during storage	°C	-55 ... +80
• during operating	°C	-20 ... +70
Resistance against shock		12.5g
Impulse voltage resistance / rated value	kV	6
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		Q
• according to DIN EN 61346-2		Q
Type of assignment		2
Mechanical operating cycles as operating time / of the contactor / typical		10,000,000
Manufacturer article number		
• of the circuit-breakers included in the scope of supply		3RV1021-1GA10
• of the contactor included in the scope of supply		3RT1024-2BB40
• of the link module included in the scope of supply		3RA1921-1BA00
• of the busbar adapter included in the scope of supply		8US1251-5DM07
Design of the switching contact		electromechanical
Type of the motor protection		bimetal
Adjustable response current		

- of the current-dependent overload release

A 4.5 ... 6.3

Communication/ Protocol:

Product function / bus-communication

No

Protocol / is supported

- AS interface protocol
- PROFIBUS DP protocol
- PROFINET protocol

No

No

No

Main circuit:

Number of poles / for main current circuit

3

Operating voltage / at AC-3 / rated value / maximum

V

400

Operating current / at AC-3 / at 400 V / rated value

A

4.9

Service power / at AC-3 / at 400 V / rated value

kW

2.2

Off-load operating frequency

1/s

15

Control circuit/ Control:

Voltage type / of control feed voltage

DC

Control supply voltage / 1

- for DC
- rated value

V

24

Auxiliary circuit:

Product extension / auxiliary switch

Yes

Number of NC contacts / for auxiliary contacts

1

Number of NO contacts / for auxiliary contacts

1

Number of changeover contacts / for auxiliary contacts

0

Inputs/ Outputs:

Number of digital inputs

0

Short-circuit:

Product function / short circuit protection

Yes

Design of the short-circuit protection

circuit-breakers

Breaking capacity limit short-circuit current (I_{cu}) / at 400 V / rated value

kA

50

Installation/ mounting/ dimensions:

mounting position

bei senkrechter Montageebene +/-90° drehbar, bei senkrechter Montageebene +/- 22,5° nach vorne und hinten kippbar

Mounting type

snap-on mounting

Width

mm

45

Height

mm

205

Depth	mm	154
Distance, to be maintained, to the ranks assembly / sideways	mm	0
Distance, to be maintained, to earthed part		
• forwards	mm	10
• backwards	mm	0
• upwards	mm	30
• sideways	mm	9
Distance, to be maintained, conductive elements		
• forwards	mm	10
• backwards	mm	9
• downwards	mm	0
• sideways	mm	30

Connections/ terminals:

Design of the electrical connection / for main current circuit		screw-type terminals
Type of the connectable conductor cross-section		
• for main contacts		
• solid		1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
• stranded		1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
• finely stranded / with conductor end processing		1 ... 6 mm ² , 2x (1 ... 2.5 mm ²), 2x (2.5 ... 6 mm ²)
• for AWG conductors / for main contacts		2x (14 ... 10)
Verification of suitability		UL / CSA / CCC / GL / LRS / BV / DNV / PRS

Certificates/ approvals:

General Product Approval	For use in hazardous locations	Declaration of Conformity
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Shipping Approval



other

[other](#)

[Environmental
Confirmations](#)

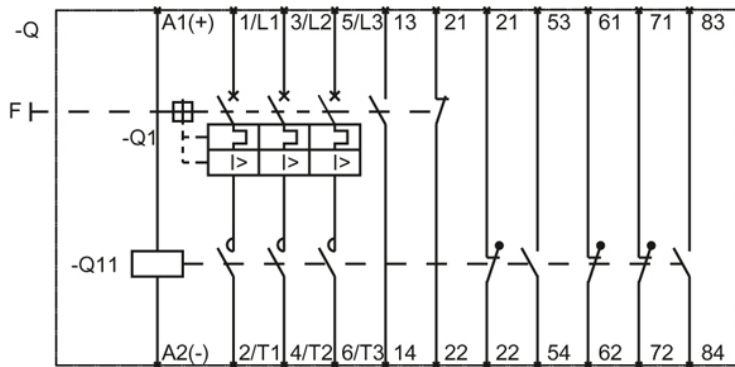
Further information:

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

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

Industry Mall (Online ordering system)

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



last change:

Jul 7, 2014