

LOAD FEEDER FUSELESS DIRECT START,  
 AC 400V, SZ.S00, 0.45...0.63A ;  
 DC 24V 1NO (CONTACTOR),  
 SCREW-TYPE TERMINAL BUSBAR ADAPTER 60MM  
 TYPE OF COORDINATION 2,  
 IQ = 50KA 1NO+1NC (AS MCB SPRING-LOADED)  
 1NO+2NC (AS CONTACTOR SPRING-LOADED)

**General technical data:**

<b>product brand name</b>		SIRIUS
<b>Product designation</b>		non-fused load feeder
<b>Design of the product</b>		direct starter
<b>Size of the load feeder</b>		S00
<b>Protection class IP / on the front</b>		IP20
<b>Degree of pollution</b>		3
<b>Insulation voltage / rated value</b>	V	690
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Ambient temperature</b>		
• during storage	°C	-55 ... +80
• during operating	°C	-20 ... +70
<b>Resistance against shock</b>		9.8g
<b>Impulse voltage resistance / rated value</b>	kV	6
<b>Reference code</b>		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		Q
• according to DIN EN 61346-2		Q
<b>Type of assignment</b>		1
<b>Mechanical operating cycles as operating time / of the contactor / typical</b>		30,000,000
<b>Manufacturer article number</b>		
• of the circuit-breakers included in the scope of supply		<a href="#">3RV1011-0GA10</a>
• of the contactor included in the scope of supply		<a href="#">3RT1015-2BB41</a>
• of the link module included in the scope of supply		<a href="#">3RA1011-1AA00</a>
• of the busbar adapter included in the scope of supply		<a href="#">8US1251-5DM07</a>
<b>Design of the switching contact</b>		electromechanical
<b>Type of the motor protection</b>		bimetal
<b>Adjustable response current</b>		
• of the current-dependent overload release	A	0.45 ... 0.63

Communication/ Protocol:		
Product function / bus-communication		No
Protocol / is supported		No
• AS interface protocol		No
• PROFIBUS DP protocol		No
• PROFINET protocol		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	0.6
Service power / at AC-3 / at 400 V / rated value	kW	0.18
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
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 <sub>cu</sub> ) / 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	203
Depth	mm	128
Distance, to be maintained, to the ranks assembly / sideways	mm	0

<b>Distance, to be maintained, to earthed part</b>		
• forwards	mm	10
• backwards	mm	0
• upwards	mm	20
• sideways	mm	9
<b>Distance, to be maintained, conductive elements</b>		
• forwards	mm	10
• backwards	mm	9
• downwards	mm	0
• sideways	mm	20

#### Connections/ terminals:

<b>Design of the electrical connection / for main current circuit</b>		screw-type terminals
<b>Type of the connectable conductor cross-section</b>		
• for main contacts		
• solid		0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )
• stranded		0.5 ... 4 mm <sup>2</sup> , 2x (0.75 ... 2.5 mm <sup>2</sup> )
• finely stranded / with conductor end processing		0.5 ... 2.5 mm <sup>2</sup> , 2x (0.5 ... 2.5 mm <sup>2</sup> )
• for AWG conductors / for main contacts		2x (18 ... 14)
<b>Verification of suitability</b>		UL / CSA / CCC / GL / LRS / BV / DNV / PRS

#### Certificates/ approvals:

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



#### 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>

##### Cax online generator

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

---

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

<http://support.automation.siemens.com/WW/view/en/3RA1116-0GD15-6BB4/all>

---

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RA1116-0GD15-6BB4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA1116-0GD15-6BB4)

---

**last change:**

Jul 28, 2014