

LOAD FEEDER FUSELESS DIRECT START, 400V AC, BGR. S2 42
... 50A 230V AC 50HZ SCREW TERMINAL FOR STANDARD RAIL
MOUNTING, (SATISFIES COORDINATION TYPE 1)
COORDINATION TYPE 2, IQ = 150KA 1NO+1NC (CONTACTOR)

product brandname	SIRIUS
Manufacturer's article number	
• of the supplied contactor • of the supplied circuit-breakers • of the supplied link module	3RT2036-1AP00 3RV2032-4WA10 3RA2931-1AA00

General technical data

Size of the circuit-breaker	S2
Size of load feeder	S2
Insulation voltage	
• with degree of pollution 3 rated value	690 V
Surge voltage resistance rated value	6 kV
Protection class IP	
• on the front • of the terminal	IP20 IP00
Shock resistance	
• acc. to IEC 60068-2-27	6g / 11 ms
Type of assignment	2
Protection against electrical shock	finger-safe when touched vertically from front acc. to IEC 60529

Ambient conditions

Ambient temperature	
• during operation • during storage • during transport	-20 ... +60 °C -50 ... +80 °C -50 ... +80 °C
Temperature compensation	-20 ... +60 °C
Relative humidity during operation	10 %

Main circuit

Number of poles for main current circuit	3
Adjustable pick-up value current of the current-dependent overload release	42 ... 50 A
Operating voltage	
• rated value • at AC-3 rated value maximum	690 V 690 V
Operating frequency rated value	50 ... 60 Hz

Operating current	
• at AC-3 — at 400 V rated value	50 A
Operating power	
• at AC-3 — at 230 V rated value — at 400 V rated value	15 000 W 22 000 W
Control circuit/ Control	
Control supply voltage at AC	
• at 50 Hz rated value	230 V
Apparent holding power of magnet coil at AC	16 V·A
Inductive power factor with the holding power of the coil	0.37
Auxiliary circuit	
Product extension Auxiliary switch	Yes
Protective and monitoring functions	
Trip class	CLASS 10
Design of the overload release	thermal (bimetallic)
Response value current	
• of instantaneous short-circuit trip unit	741 A
Short-circuit protection	
Product function Short circuit protection	Yes
Design of the short-circuit trip	magnetic
Conditional short-circuit current (I_q)	
• at 400 V acc. to IEC 60947-4-1 rated value	150 000 A
Installation/ mounting/ dimensions	
Mounting position	vertical, horizontal
Mounting type	Screw-fixing and snap-on mounting to two 35 mm standard mounting rails
Height	274 mm
Width	55 mm
Depth	150 mm
Required spacing	
• for grounded parts — forwards — Backwards — upwards — at the side — downwards • for live parts — forwards	32 mm 0 mm 50 mm 10 mm 10 mm 32 mm

- Backwards
- upwards
- downwards
- at the side

0 mm
50 mm
10 mm
10 mm

Connections/Terminals

Type of electrical connection

- for main current circuit

screw-type terminals

Certificates/approvals

General Product Approval

For use in hazardous locations

Declaration of Conformity



CSA

UL

ATEX

IECEX

EG-Konf.

Test Certificates

Shipping Approval

[Typprüfbescheinigung/Werkszeugnis](#)

[spezielle Prüfbescheinigungen](#)



ABS

LRS

PRS

RINA

Shipping Approval

other

Railway



RMRS

[Umweltbestätigung](#)

[Bestätigungen](#)

[Schwingen/Schocke](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2150-4WA36-0AP0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2150-4WA36-0AP0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA2150-4WA36-0AP0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2150-4WA36-0AP0&lang=en

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