SIEMENS

Data sheet

3RF2130-1AA02



Semiconductor relay, 1-phase 3RF2 Overall width 22.5 mm, 30 A 24-230 V / 24 V DC screw terminal

product brand name	SIRIUS	
product designation	solid-state relay	
design of the product	single-phase	
product type designation	3RF21	
manufacturer's article number		
 _1 of the accessories that can be ordered 	<u>3RF2900-3PA88</u>	
 2 of the accessories that can be ordered 	3RF2950-0HA13	
 _3 of the accessories that can be ordered 	3RF2900-0EA18	
 _4 of the accessories that can be ordered 	3RF2950-0GA13	
 _5 of the accessories that can be ordered 	<u>3RF2920-0FA08</u>	
product designation		
 _1 of the accessories that can be ordered 	terminal cover	
 _2 of the accessories that can be ordered 	power regulator	
 _3 of the accessories that can be ordered 	converter	
 _4 of the accessories that can be ordered 	load monitoring	
 _5 of the accessories that can be ordered 	load monitoring, basis	
General technical data		
product function	zero-point switching	
power loss [V·A] maximum	44.2 VA	
power loss [W] for rated value of the current		
 at AC in hot operating state 	44.2 W	
at AC in hot operating state per pole	44.2 W	
without load current share typical	0.4 W	
insulation voltage rated value	600 V	
type of voltage of the control supply voltage	DC	
surge voltage resistance of main circuit rated value	6 kV	
shock resistance according to IEC 60068-2-27	15g / 11 ms	
vibration resistance according to IEC 60068-2-6	2g	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	05/28/2009	
Main circuit		
number of poles for main current circuit	1	
number of NO contacts for main contacts	1	
number of NC contacts for main contacts	0	
operating voltage at AC		
• at 50 Hz rated value	24 230 V	
• at 60 Hz rated value	24 230 V	
operating frequency rated value	50 60 Hz	
relative symmetrical tolerance of the operating	10 %	
frequency		
operating range relative to the operating voltage at AC		
● at 50 Hz	20 253 V	

• at 60 Hz	20 253 V
operational current	
 at AC-51 rated value 	30 A
 according to UL 508 rated value 	30 A
ampacity maximum	30 A
operational current minimum	500 mA
rate of voltage rise at the thyristor for main contacts	500 V/µs
maximum permissible	500 V/μs
blocking voltage at the thyristor for main contacts	800 V
maximum permissible	000 V
reverse current of the thyristor	10 mA
derating temperature	40 °C
surge current resistance rated value	300 A
l2t value maximum	450 A ² ·s
	450 A 'S
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage 1	
 at DC rated value 	30 V
● at DC	15 24 V
control supply voltage	
at DC initial value for signal <1> detection	15 V
 at DC full-scale value for signal<0> recognition 	5 V
control current at minimum control supply voltage	
at DC	13 mA
	13 mA 15 mA
control current at DC rated value	
ON-delay time	1 ms; additionally max. one half-wave
OFF-delay time	1 ms; additionally max. one half-wave
Auxiliary circuit	
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	0
number of CO contacts for auxiliary contacts	0
Installation/ mounting/ dimensions	
Installation/ mounting/ dimensions	scrow fixing
fastening method	screw fixing
fastening method • side-by-side mounting	Yes
fastening method • side-by-side mounting design of the thread of the screw for securing the	-
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment	Yes M4
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum	Yes M4 1.5 N·m
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum	Yes M4 1.5 N·m 13 lbf·in
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height	Yes M4 1.5 N·m 13 lbf·in 85 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [Ibf·in] of fixing screw maximum height width	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth	Yes M4 1.5 N·m 13 lbf·in 85 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [Ibf·in] of fixing screw maximum height width	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts on a total contact contacts — solid — solid or stranded	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²) 2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ² 2x (14 10) 1.5 6 mm ²
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²) 2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ² 2x (14 10) 1.5 6 mm ²
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing • type of connectable conductor cross-sections • for main contacts • solid or stranded • finely stranded with core end processing • type of connectable conductor cross-sections • for auxiliary and control contacts • for auxiliary and control contacts	Yes M4 1.5 N·m 13 lbf·in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²) 2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ² 2x (14 10) 1.5 6 mm ² 1 10 mm ²
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf-in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for main contacts — solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid • for auxiliary and control contacts — solid	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals 2x (1.5 2.5 mm ²), 2x (2.5 6 mm ²) 2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ² 2x (14 10) 1.5 6 mm ² 1 10 mm ² 1x (0.5 2.5 mm ²), 2x (0.5 1.0 mm ²)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf·in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts ontacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing — finely stranded with core end processing — finely stranded with core end processing — fi	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf-in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing • at AWG cables for auxiliary and control contacts — solid — finely stranded with core end processing — solid — finely stranded with core end processing — solid — finely stranded with core end processing — at AWG cables for auxiliary and control contacts	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ 1x (AWG 20 12)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf-in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing • at AWG cables for auxiliary and control contacts AWG number as coded connectable conductor cross	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf-in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing • for auxiliary and control contacts • solid or stranded • finely stranded with core end processing • for auxiliary and control contacts — solid — finely stranded with core end processing • at AWG cables for auxiliary and control contacts AWG number as coded connectabl	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ 1x (AWG 20 12)
fastening method • side-by-side mounting design of the thread of the screw for securing the equipment tightening torque of fixing screw maximum tightening torque [lbf-in] of fixing screw maximum height width depth Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit type of connectable conductor cross-sections • for main contacts — solid — finely stranded with core end processing • at AWG cables for main contacts connectable conductor cross-section for main contacts • solid or stranded • finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing type of connectable conductor cross-sections • for auxiliary and control contacts — solid — finely stranded with core end processing • at AWG cables for auxiliary and control contacts AWG number as coded connectable conductor cross	Yes M4 1.5 N·m 13 lbf in 85 mm 22.5 mm 48 mm screw-type terminals screw-type terminals $2x (1.5 2.5 mm^2), 2x (2.5 6 mm^2)$ $2x (1 2.5 mm^2), 2x (2.5 6 mm^2), 1x 10 mm^2$ 2x (14 10) 1.5 6 mm ² $1 10 mm^2$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ $1x (0.5 2.5 mm^2), 2x (0.5 1.0 mm^2)$ 1x (AWG 20 12)

 for auxiliary and control contacts with screw-type 	0.5 0.6 N·m			
terminals				
tightening torque [lbf·in]				
 for main contacts with screw-type terminals 	7 10.3 lbf·in			
 for auxiliary and control contacts with screw-type 	4.5 5.3 lbf·in			
terminals				
design of the thread of the connection screw				
 for main contacts 	M4			
 of the auxiliary and control contacts 	M3			
stripped length of the cable				
• for main contacts	7 mm			
 for auxiliary and control contacts 	7 mm			
	7 11111			
Safety related data				
protection class IP on the front according to IEC	IP20			
60529				
touch protection on the front according to IEC 60529	finger-safe, for vertical conta	act from the front		
Ambient conditions				
installation altitude at height above sea level maximum	1 000 m			
ambient temperature				
during operation	-25 +60 °C			
during storage	-55 +80 °C			
Electromagnetic compatibility				
conducted interference				
 due to burst according to IEC 61000-4-4 	2 kV / 5 kHz behavior criteri	on 2		
 due to conductor-earth surge according to IEC 	2 kV behavior criterion 2			
61000-4-5due to conductor-conductor surge according to IEC	1 kV behavior criterion 2			
61000-4-5 • due to high-frequency radiation according to IEC				
61000-4-6	140 dBuV in the frequency range 0.15 80 MHz, behavior criterion 1			
field-based interference according to IEC 61000-4-3	80 MHz 1 GHz 10 V/m, b			
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharging / 8	kV air discharging, beh	avior criterion 2	
conducted HF interference emissions according to	Class A for industrial environ	nment		
CISPR11				
field-bound HF interference emission according to CISPR11	Class B for the domestic, bu	isiness and commercial	environments	
Short-circuit protection, design of the fuse link				
manufacturer's article number				
 of gS fuse for semiconductor protection at NH 	<u>3NE1815-0;</u> These fuses ha	ve a smaller rated curre	ent than the	
design usable	semiconductor relays			
 of full range R fuse link for semiconductor protection 	<u>5SE1335</u>			
at cylindrical design usable	<u>562 1885</u>			
 of back-up R fuse link for semiconductor protection at NH design usable 	<u>3NE1815-0</u>			
 of back-up R fuse link for semiconductor protection 	<u>3NC1032</u>			
at cylindrical design 10 x 38 mm usable	20101440			
 of back-up R fuse link for semiconductor protection at cylindrical design 14 x 51 mm usable 	<u>3NC1440</u>			
• of back-up R fuse link for semiconductor protection	<u>3NC2240</u>			
at cylindrical design 22 x 58 mm usable				
manufacturer's article number of the gG fuse				
 at NH design usable 	3NA6803; These fuses have	e a smaller rated curren	t than the	
	semiconductor relays			
• at cylindrical design 14 x 51 mm usable	<u>3NW6103-1;</u> These fuses have a smaller rated current than the semiconductor relays			
manufacturer's article number				
• of DIAZED fuse usable	5SB251; These fuses have a smaller rated current than the			
of NEOZED fuse usable	semiconductor relays <u>5SE2313-2A;</u> These fuses have a smaller rated current than the semiconductor relays			
Cortificatos/approvale				
Certificates/ approvals				
General Product Approval		EMC	Declaration of	
			Conformity	

(Sp)	<u>Confirmation</u>	SAN UR	EAC	RCM	UK CA
Declaration of Conformity	Test Certificates		other		Railway
CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	<u>Confirmation</u>		Vibration and Shock

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RF2130-1AA02

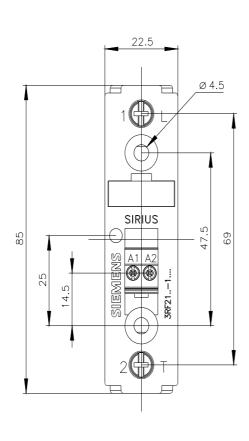
Cax online generator

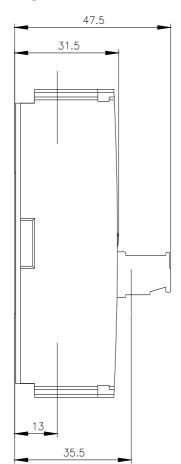
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RF2130-1AA02

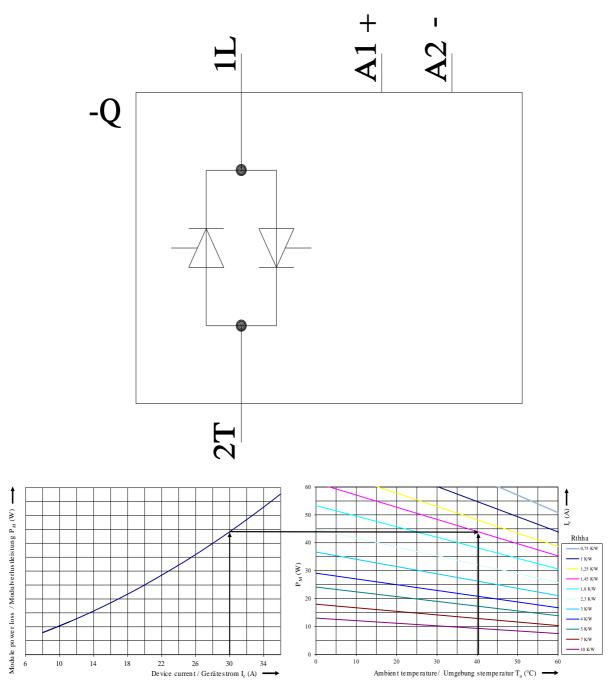
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RF2130-1AA02

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RF2130-1AA02&lang=en







last modified:

1/12/2022 🖸