SIEMENS

Data sheet

3RA2813-1FW10



solid-state time-delayed auxiliary switch, ON-delay, relay 1 NC + 1 NO, time range 0.05-100 s, 24-240 V AC/DC, 50/60 Hz, varistor for attenuation of the contactor coils integrated, screw terminal, can be snapped on at the front on contactors 3RT2 and auxiliary contactors 3RH2

product brand name	SIRIUS		
product designation	Solid-state time-delay auxiliary switch		
product type designation	3RA28		
General technical data			
size of contactor can be combined company-specific	S00, S0, S2, S3		
product component semi-conductor output	No		
product extension required remote control	No		
product extension optional remote control	No		
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V		
test voltage for isolation test	1.5 kV		
degree of pollution	3		
surge voltage resistance rated value	4 kV		
test voltage for surge voltage test	4 800 V		
protection class IP of the terminal	IP20		
shock resistance according to IEC 60068-2-27	15g / 11 ms		
vibration resistance according to IEC 60068-2-6	10 59 Hz: 0.35 mm, 60 150 Hz: 2g		
mechanical service life (operating cycles) typical	10 000 000		
mechanical service life (operating cycles)			
 with contactor 3R.2 of frame size S00 	10 000 000		
 with contactor 3R.2 of frame size S0 	10 000 000		
 with contactor 3R.2 of frame size S2 	10 000 000		
 with contactor 3R.2 of frame size S3 	10 000 000		
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000		
electrical endurance (operating cycles)			
 with contactor 3R.2 of frame size S00 	100 000		
 with contactor 3R.2 of frame size S0 	100 000		
 with contactor 3R.2 of frame size S2 	100 000		
 with contactor 3R.2 of frame size S3 	100 000		
adjustable time	0.05 100 s		
relative setting accuracy relating to full-scale value	15 %		
recovery time	150 ms		
reference code according to IEC 81346-2	К		
relative repeat accuracy	1 %		
influence of the surrounding temperature	±1 %		
power supply influence	±1 %		
Substance Prohibitance (Date)	10/01/2009		
Product Function			
product function star-delta circuit	No		
Control circuit/ Control			

type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz	24 240 V
• at 60 Hz	24 240 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1	
• at DC	24 240 V
operating range factor control supply voltage rated value at DC	
initial value	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	
initial value	0.85
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
initial value	0.85
● full-scale value	1.1
design of the surge suppressor	with varistor
Switching Function	
switching function	
ON-delay	Yes
 ON-delay/instantaneous contact 	No
 passing make contact 	No
 passing make contact/instantaneous contact 	No
• OFF delay	No
switching function	
 flashing symmetrically with interval start/instantaneous 	No
 flashing symmetrically with interval start 	No
 flashing symmetrically with pulse start/instantaneous 	No
 flashing symmetrically with pulse start 	No
 flashing asymmetrically with interval start 	No
 flashing asymmetrically with pulse start 	No
switching function	
constant clock cycle with pulse start	No
constant clock cycle with interval start	No
switching function	
variably clocked with pulse start	No
variably clocked with interval start	No
switching function	No
 star-delta circuit with delay time star-delta circuit 	No
switching function with control signal	
additive ON-delay	No
passing break contact	No
passing break contact/instantaneous	No
OFF delay	No
OFF delay/instantaneous	No
pulse delayed	No
pulse delayed/instantaneous	No
• pulse-shaping	No
pulse-shaping/instantaneous	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay	No
ON-delay/OFF-delay/instantaneous	No
passing make contact	No
 passing make contact/instantaneous contact 	No
switching function of interval relay with control signal	
retrotriggerable with deactivated control	No
signal/instantaneous contact	
 retrotriggerable with switched-on control signal 	No

 retrotriggerable with switched-on control signal/instantaneous contact 	No
retriggerable with deactivated control signal	No
design of the control terminal non-floating	Yes
Short-circuit protection	
	fue al /aC: 4 A
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 4 A
Auxiliary circuit	
material of switching contacts	AgNi
number of NC contacts	
delayed switching	1
number of NO contacts	
delayed switching	1
operational current of auxiliary contacts at AC-15	
• maximum	3 A
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts as NC contact at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts as NO contact at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts at DC-13	10.1
operational current of auxiliary contacts at DC-13	1
• at 24 V	1A
• at 125 V	0.2 A
• at 250 V	0.1 A
operating frequency with 3RT2 contactor maximum	2 500 1/h
contact rating of auxiliary contacts according to UL	B300 / R300
Main circuit	
	AC/DC
type of voltage	AC/DC
type of voltage Inputs/ Outputs	AC/DC
type of voltage Inputs/ Outputs product function	
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay	No
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile	
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility	No No
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1	No
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference	No No Environment A (industrial area)
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 0 V/m
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes screw-type terminals
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes screw-type terminals 0.5 4 mm², 2x (0.5 2.5 mm²)
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes screw-type terminals 0.5 4 mm², 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • for AWG cables solid	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes screw-type terminals 0.5 4 mm², 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14)
type of voltage Inputs/ Outputs product function • at the relay outputs switchover delayed/without delay • non-volatile Electromagnetic compatibility EMC immunity according to IEC 61812-1 conducted interference • due to burst according to IEC 61000-4-4 • due to conductor-earth surge according to IEC 61000-4-5 • due to conductor-conductor surge according to IEC 61000-4-5 • field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data protection class IP on the front according to IEC 60529 type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • for AWG cables solid • for AWG cables stranded	No No Environment A (industrial area) 2 kV network connection / 1 kV control connection 2 kV 1 kV 10 V/m 8 kV IP20 Basic insulation none Yes screw-type terminals 0.5 4 mm², 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14)

 finely stranded w 	vith core end processing		0.5 2.5 mm ²		
 finely stranded w 	vithout core end processin	g	0.25 1.5 mm²		
	ed connectable conducto	or cross			
 solid 			20 14		
 stranded 			20 14		
Installation/ mounting/	dimensions		20 14		
mounting position			any (like contactor)		
fastening method			clip-on		
height			38 mm		
width			45 mm		
depth			74 mm		
required spacing					
with side-by-side	mounting				
— forwards	U U		0 mm		
— backwards			0 mm		
— upwards			0 mm		
- downwards	i		0 mm		
— at the side			0 mm		
 for grounded par 	ts				
— forwards			0 mm		
— backwards			0 mm		
— upwards			0 mm		
— at the side			0 mm		
— downwards	;		0 mm		
 for live parts 					
— forwards			0 mm		
— backwards			0 mm		
— upwards			0 mm		
- downwards	i		0 mm		
— at the side			0 mm		
— at the side Ambient conditions			0 mm	_	
Ambient conditions	eight above sea level max	kimum	0 mm 2 000 m		
Ambient conditions	eight above sea level max	kimum			
Ambient conditions installation altitude at h	eight above sea level max	kimum			
Ambient conditions installation altitude at he ambient temperature	eight above sea level max	kimum	2 000 m		
Ambient conditions installation altitude at he ambient temperature • during operation	eight above sea level max	imum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C		
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during		imum	2 000 m -25 +60 °C -40 +85 °C		
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport		kimum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C		
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during	operation	cimum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C		Declaration of Con- formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation roval	kimum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C		
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation	kimum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	гпг	
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation roval	cimum	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	FAC	
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation roval	ccc	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	EAC	
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation roval	ccc	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	EAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals	operation roval	ccc	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	EAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certificates	operation roval	ccc	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C	EAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App	operation roval <u>Confirmation</u>	ccc	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 %	EAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity	operation roval Confirmation Test Certificates Type Test Certific-	cimum	2 000 m -25 +60 °C -40 +85 °C -40 95 %	EAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity UK	operation roval Confirmation Test Certificates	ccc	2 000 m -25 +60 °C -40 +85 °C -40 95 %	ERC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity UK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping	ERC	formity CEG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 95 %	EFAC	formity
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity UK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping		formity CEG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Ceclaration of Con- formity UKK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping		formity EG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Certification of Con- formity UK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping		formity CEG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Ceclaration of Con- formity UKK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping		formity EG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Ceclaration of Con- formity UKK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping	ELENE	formity EG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Declaration of Con- formity Declaration of Con- formity Marine / Shipping	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping	ELENE	formity EG-Konf.
Ambient conditions installation altitude at he ambient temperature • during operation • during storage • during transport relative humidity during Certificates/ approvals General Product App Ceclaration of Con- formity UKK	operation roval Confirmation Test Certificates Type Test Certific-	CCC Special Test Ce	2 000 m -25 +60 °C -40 +85 °C -40 +85 °C 0 95 % Marine / Shipping	ELENE	formity EG-Konf.

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RA2813-1FW10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2813-1FW10

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

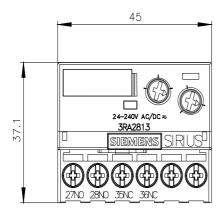
https://support.industry.siemens.com/cs/ww/en/ps/3RA2813-1FW10

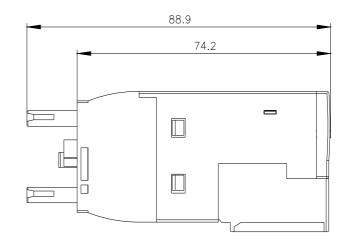
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

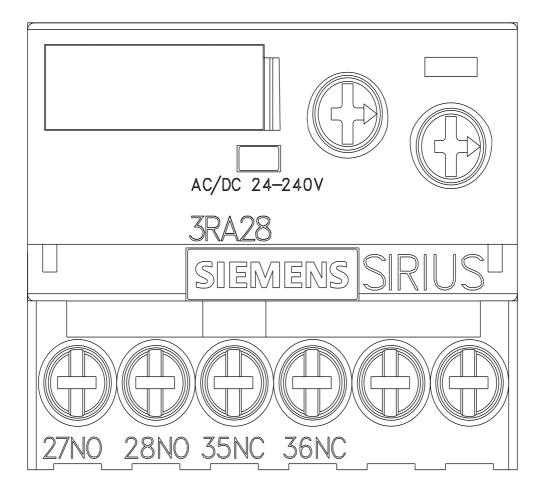
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2813-1FW10&lang=en

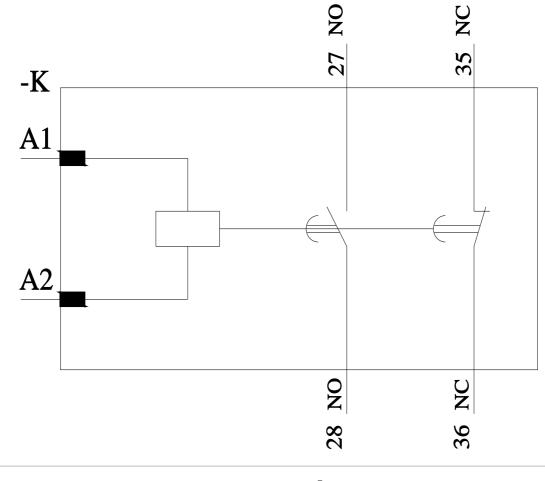
Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RA2813-1FW10/manual









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