SIEMENS

Data sheet 3RA2831-1DG10



Electronic timing relay ON delay With semiconductor output 24-90 V AC/DC Time range 0.05...100 s Can be snapped on at the front For contactors 3RT2, S2, S3 and 3RH2 S00 contactor relays Screw terminal

product designation product type designation General technical data size of contactor can be combined company-specific product extension required remote control No product extension required remote control No insulation voltage for overvoltage category Ill according to IEC 60664 with degree of pollution 3 and value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 kV test voltage for siolation test 4 800 V protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) with contactor 3R.2 of frame size S3 with contactor 3R.2 of frame size S3 diguistable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 e at 50 Hz e at	product brand name	SIRIUS
size of contactor can be combined company-specific size of contactor can be combined company-specific product extension required remote control No product extension optional remote control insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal IP20 shock resistance act. to IEC 60068-227 vibration resistance act. to IEC 60068-26 mechanical service IIfe (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S3 3 000 000 frame size S2 with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S3 3 000 000 frame size S2 with contactor 3R.2 of frame size S3 adjustable time 5 0 00 00 frame size S3 frame size S4 frame size S3 frame size S4 frame size S4	product designation	function module
size of contactor can be combined company-specific product component semi-conductor output Yes product extension required remote control No No insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test 1.5 kV degree of pollution 3 as urge voltage resistance rated value 4 kV test voltage for solation test 4 k80 V protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 15g / 11 ms shock resistance acc. to IEC 60068-2-6 10 59 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) typical 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 100 000 000 000 000 000 100 0	product type designation	3RA28
product extension required remote control product extension optional remote control insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 vibration resistance acc. to IEC 60068-2-6 nechanical service life (switching cycles) typical mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of f	General technical data	
product extension required remote control product extension optional remote control insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 33 surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 ibration resistance acc. to IEC 60068-2-6 1059 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 diudical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 dout 0000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 dout 000 outpical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 dout 000 outpical electrical endurance (switching cycles) with contactor 3R.2 of frame size S3 disubstable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 refaltive repeat accuracy 1% Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC value of the control supply voltage 1 at AC value of the control supply voltage 1 at AC	size of contactor can be combined company-specific	S2, S3
product extension optional remote control insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 10 59 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 adjustable time control surge voltage test protection class IP of the terminal IP20 \$ 000 000 \$ 000 000 \$ 000 000 \$ 000 000	product component semi-conductor output	Yes
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal shock resistance acc. to IEC 60068-2-27 ibg /11 ms vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) typical mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 selectrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of fr	product extension required remote control	No
IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 kV test voltage for surge voltage test protection class IP of the terminal shock resistance acc. to IEC 60068-2-27 ibg / 11 ms vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) typical mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 adjustable time relative setting accuracy relating to full-scale value recovery time forms reference code acc. to IEC 81346-2 k relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage out to Supply voltage 1 at AC out 50 Hz 1.5 kV degree of pollution 3 A kV test voltage of the control supply voltage out to Supply voltage 1 at AC out 50 Hz 1.5 kV test voltage of the control supply voltage out to Supply voltage 1 at AC out 50 Hz	product extension optional remote control	No
degree of pollution surge voltage resistance rated value test voltage for surge voltage test test voltage for surge voltage test 4 800 V protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 10 59 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 adjustable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage out 50 Hz AC/DC control supply voltage 1 at AC out 10 Simple voltage of the control supply voltage out 50 Hz 4 kV 4 800 V 10 000 V 4 kV 10 000 000 000 000 000 000 000 000 000		300 V
surge voltage resistance rated value test voltage for surge voltage test protection class IP of the terminal shock resistance acc. to IEC 60068-2-27 tibg/11 ms vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) typical mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 ewith contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 ewith contactor 3R.2 of frame size S2 found 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 found 000 electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 found 000 found 00	test voltage for isolation test	1.5 kV
test voltage for surge voltage test protection class IP of the terminal shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 10 59 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) yipical mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 3 000 000 adjustable time 15 % relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz 4 800 V IP20 15 ms 100 000 000 100	degree of pollution	3
protection class IP of the terminal IP20 shock resistance acc. to IEC 60068-2-27 15g / 11 ms vibration resistance acc. to IEC 60068-2-6 10 59 Hz: 0.35 mm, 60 150 Hz: 2g mechanical service life (switching cycles) typical 100 000 000 mechanical service life (switching cycles) 4 mechanical service life (switching cycles) 4 mechanical service life (switching cycles) 5 000 000 methanical service life (switching cycles) 4 mechanical service life (switching cycles) 6 with contactor 3R.2 of frame size S2 100 000 100 000 000 mechanical service life (switching cycles) 6 with contactor 3R.2 of frame size S3 100 000 100 000 000 000 000 000 000 00	surge voltage resistance rated value	4 kV
shock resistance acc. to IEC 60068-2-27 vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 adjustable time relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz 15 M2 90 V	test voltage for surge voltage test	4 800 V
vibration resistance acc. to IEC 60068-2-6 mechanical service life (switching cycles) typical mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 aloue 000 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 aloue 000 adjustable time relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz 100 000 000 100 000	protection class IP of the terminal	IP20
mechanical service life (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 adjustable time 0.05 100 s relative setting accuracy relating to full-scale value recovery time ference code acc. to IEC 81346-2 relative repeat accuracy 1 % Product Function product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage at 50 Hz 100 000 100	shock resistance acc. to IEC 60068-2-27	15g / 11 ms
mechanical service life (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 3 000 000 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 3 000 000 adjustable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Product Function product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage o at 50 Hz 24 90 V	vibration resistance acc. to IEC 60068-2-6	10 59 Hz: 0.35 mm, 60 150 Hz: 2g
 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 a 000 000 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 a 000 000 adjustable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 relative repeat accuracy y Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage at 50 Hz AC/DC AC/DC at 50 Hz 	mechanical service life (switching cycles) typical	100 000 000
with contactor 3R.2 of frame size S3 electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3	mechanical service life (switching cycles)	
electrical endurance (switching cycles) at AC-15 at 230 V typical electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 3 000 000 adjustable time relative setting accuracy relating to full-scale value recovery time reference code acc. to IEC 81346-2 Relative repeat accuracy 1 % Product Function product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 50 Hz 10 000 000 10 000 000 10 000 000 10 000 00	 with contactor 3R.2 of frame size S2 	5 000 000
electrical endurance (switching cycles) • with contactor 3R.2 of frame size S2 • with contactor 3R.2 of frame size S3 adjustable time covery time recovery time reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Product Function product function star-delta circuit type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • 50 000 000 50 000 6	with contactor 3R.2 of frame size S3	3 000 000
 with contactor 3R.2 of frame size S2 with contactor 3R.2 of frame size S3 3 000 000 adjustable time 0.05 100 s relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % 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 4 90 V 	· · · · · · · · · · · · · · · · · · ·	10 000 000
with contactor 3R.2 of frame size S3 adjustable time	electrical endurance (switching cycles)	
adjustable time relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Product Function product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz	 with contactor 3R.2 of frame size S2 	5 000 000
relative setting accuracy relating to full-scale value recovery time 50 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 50 Hz • 24 90 V	with contactor 3R.2 of frame size S3	3 000 000
recovery time reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 50 Hz • 50 ms K K AC/DC	adjustable time	0.05 100 s
reference code acc. to IEC 81346-2 relative repeat accuracy Product Function product function star-delta circuit No Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz AC/DC	relative setting accuracy relating to full-scale value	15 %
relative repeat accuracy Product Function product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 50 Hz AC/DC	recovery time	50 ms
Product Function product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 50 Hz No No AC/DC 24 90 V	reference code acc. to IEC 81346-2	K
product function star-delta circuit Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz AC/DC 24 90 V	relative repeat accuracy	1 %
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz AC/DC 24 90 V	Product Function	
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz AC/DC 24 90 V	product function star-delta circuit	No
control supply voltage 1 at AC • at 50 Hz 24 90 V	Control circuit/ Control	
• at 50 Hz 24 90 V	type of voltage of the control supply voltage	AC/DC
	control supply voltage 1 at AC	
• at 60 Hz 24 90 V	● at 50 Hz	24 90 V
	• at 60 Hz	24 90 V

control supply voltage frequency 1	50 60 Hz
control supply voltage 1 at DC	24 90 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 symmetrically 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	
 star-delta circuit with delay time 	No
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
- Total anggordano with awitonou-on control aignal	



retrotriggerable with switched-on control	No
signal/instantaneous contact	
retriggerable with deactivated control signal	No
design of the control terminal non-floating	Yes
Auxiliary circuit	
number of NO contacts	
delayed switching	1
operating frequency with 3RT2 contactor maximum	2 500 1/h
influence of the surrounding temperature	±1 %
power supply influence	±1 %
Main circuit	
type of voltage	AC/DC
Inputs/ Outputs	
product function	
• non-volatile	No
Electromagnetic compatibility	
EMC immunity acc. to IEC 61812-1	Environment A (industrial area)
conducted interference	, , , , , , , , , , , , , , , , , , , ,
• due to burst acc. to IEC 61000-4-4	2 kV network connection / 1 kV control connection
due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
due to conductor-conductor surge acc. to IEC	1 kV
61000-4-5	I IV
field-based interference acc. to IEC 61000-4-3	10 V/m
electrostatic discharge acc. to IEC 61000-4-2	8 kV
Safety related data	
touch protection against electrical shock	finger-safe
type of insulation	Basic insulation
category acc. to EN 954-1	none
Connections/ Terminals	
product function removable terminal for auxiliary and	Yes
control circuit	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections	
• solid	0.5 4 mm², 2x (0.5 2.5 mm²)
 finely stranded with core end processing 	1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (0.5 1.5 mm²)
 at AWG cables solid 	2x (20 14)
at AWG cables stranded	2x (20 14)
 connectable conductor cross-section solid 	0.5 4 mm²
 connectable conductor cross-section finely stranded 	0.5 2.5 mm²
with core end processing	
 connectable conductor cross-section finely stranded without core end processing 	0.25 1.5 mm²
 AWG number as coded connectable conductor cross section solid 	20 14
AWG number as coded connectable conductor cross section stranded	20 14
Installation/ mounting/ dimensions	
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	0 mm
— backwards	0 mm
— upwards	
	0 mm
— downwards	0 mm 0 mm



— at the side	0 mm
 for grounded parts 	
— 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	0 mm
— at the side	0 mm
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature during operation	-25 +60 °C
ambient temperature during storage	-40 +85 °C
ambient temperature during transport	-40 +85 °C
relative humidity during operation	0 95 %
Certificates/ approvals	

Certificates/ approvals

General Product Approval

Test Certificates

Marine / Shipping





Type Test **Certificates/Test** Report







Marine / Shipping









Confirmation

other

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=3RA2831-1DG10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2831-1DG10

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

https://support.industry.siemens.com/cs/ww/en/ps/3RA2831-1DG10

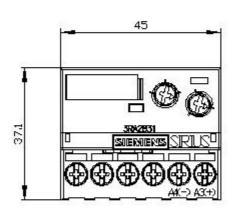
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

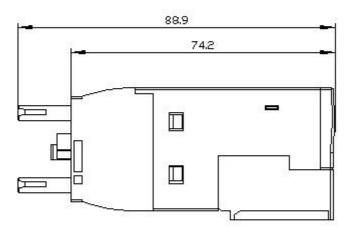
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2831-1DG10&lang=en

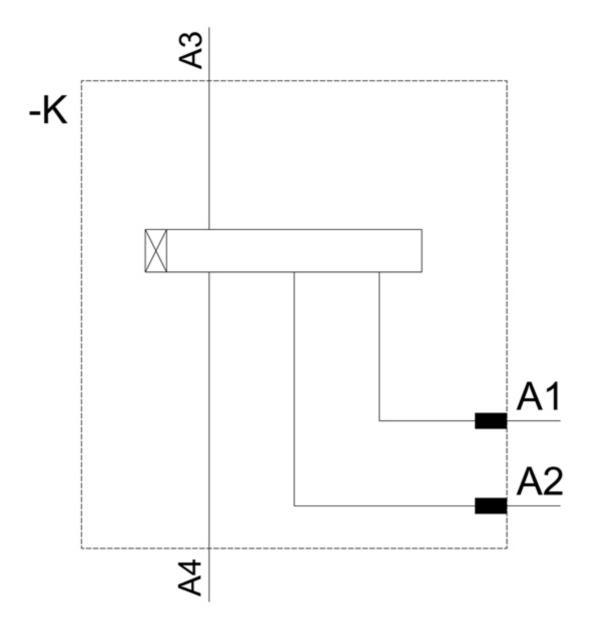
Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RA2831-1DG10/manual









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