SIEMENS

Data sheet 3RP2005-1AQ30



Timing relay, electronic Multifunction, 8 functions 1 change-over contact 24 V AC/DC, 100 to 127 V AC at 50/60 Hz AC 0.05 s to 100 h Overall width 45 mm screw terminal

product type designation design of the product product type designation SRP20 Ceneral technical data product component • relay output • semi-conductor output • No product extension optional remote control product extension optional remote control power loss [W] maximum 2 W Supper loss [W] maximum 2 W Supper loss [W] maximum 3 Surge of pollution 3 rated value tests voltage for severoltage category III according to IEC 80664 with degree of pollution 3 rated value tests voltage for solvation test degree of pollution 3 surge voltage resistance rated value 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service IIfe (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical delectrical endurance (operating cycles) at AC-18 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +- thermal current 5 A minimum ON period 35 ms reference code according to IEC 81346-2 relative repeat accuracy 1 %; +- influence of the surrounding temperature 5 % Substance Prohibitance (Date) SUSHC substance Prohibitance (Date) 4 COITC entrol circuit Control 1 type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V • at 60 Hz rated value 24 V • at 60 Hz 100 127 V • at 60 Hz 100 127 V 100 127 V	product brand name	SIRIUS
product type designation General technical data product component • relay output • semi-conductor output product extension required remote control product extension optional remote control power loss [W] maximum pwer loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 6064 with degree of poliution 3 rated value test voltage for isolation test degree of poliution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 10 000 relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 25 % Substance Prohibitance (Dato) SVHC substance name Biel -7439-92-1 Bielmonoxid (Bieloxid) - 1317-36-8 Bielitanzirkonoxid - 12626-81-2 Control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 60 Hz rated value • at 50 Hz • at 50 Hz 100 127 V	product designation	timing relay
Product component Yes Ye	design of the product	Multifunctional
product component	product type designation	3RP20
• relay output • semi-conductor output Product extension required remote control Product extension optional remote control No Product extension optional remote control No Power loss [W] maximum 2 W Insulation voltage for overvoltage category III according to IEC 6064 with degree of pollution 3 attend value test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 2 t	General technical data	
* semi-conductor output product extension required remote control No power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 7 so mechanical service life (15 ms) recovery time reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surroundling temperature 25 % power supply influence 25 % Substance Prohibitance (Date) 50 fol/1/2012 SVHC substance name Blei-monoxid (Beleixxid) - 1317-36-8 Bleitmonoxid (Beleixxid) - 1317-36-8 Bleitmonoxid of Varated value 44 V 41 60 Hz rated value 44 V 54 V control supply voltage of the control supply voltage control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply yottage 2 at AC • at 50 Hz rated value 24 V control supply yottage 2 at AC • at 50 Hz rated value 24 V control supply yottage 2 at AC • at 50 Hz rated value 24 V control supply yottage 2 at AC • at 50 Hz rated value 24 V	product component	
product extension required remote control product extension optional remote control No power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for solation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 7 s5 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 1 %; +/- influence of the surrounding temperature 2 the substance Prohibitance (Date) SVHC substance name Bleimonoxid (Beloxid) - 1317-36-8 Bleittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value 2 4 V control supply voltage 2 at AC at 50 Hz rated value 2 4 V control supply voltage 2 at AC at 50 Hz rated value 2 4 V control supply voltage 2 at AC at 50 Hz	 relay output 	Yes
product extension optional remote control power loss [M] maximum 2 W insulation voltage for overvoltage category Ill according to IEC 50664 with degree of pollution 3 rated value test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current finimum ON period 35 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 45 % power supply influence 41 % Substance Prohibitance (Date) 5 VHC substance name Description of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz	semi-conductor output	No
power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 80684 with degree of pollution 3 rated value test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature 45 % power supply influence 11 % Substance Prohibitance (Date) 05/01/2012 SVHC substance name Biel - AC-15 with a Circle 1 and - AC-15 with a Circle 2 4 V et at 60 Hz rated value 24 V control supply voltage 2 at AC et at 50 Hz rated value 24 V control supply voltage 2 at AC et 50 Hz rated value 24 V control supply voltage 2 at AC et 50 Hz rated value 24 V control supply voltage 2 at AC et 50 Hz rated value 24 V control supply voltage 2 at AC et 50 Hz rated value 24 V	product extension required remote control	No
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 shock resistance according to IEC 60068-2-27 the property of the pr	product extension optional remote control	No
test voltage for isolation test test voltage for isolation test degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current shiminum ON period reference code according to IEC 81346-2 reference code according to IEC 81346-2 influence of the surrounding temperature ±5 % power supply influence Substance Prohibitance (Date) SVHC substance name bleit -7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value at 60 Hz rated value at 50 Hz at 50 Hz at 50 Hz 100 127 V	power loss [W] maximum	2 W
degree of pollution surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence Substance Prohibitance (Date) SYHC substance name Biei-7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control Circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz • at 50 Hz 100 000000000000000000000000000000000		300 V
surge voltage resistance rated value shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical adjustable time relative setting accuracy relating to full-scale value thermal current for a strong time reference code according to IEC 81346-2 relative repeat accuracy relative repeat accuracy influence of the surrounding temperature power supply influence SVHC substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Bielimonoxid (Bieloxid) - 1317-36-8 Bielittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC e at 50 Hz rated value 24 V control supply voltage 2 at AC e at 50 Hz e at 50 Hz 100 127 V	test voltage for isolation test	2 kV
shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz	degree of pollution	3
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 100 127 V	surge voltage resistance rated value	4 000 V
electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 0.05 100 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 11 %; +/- influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz at 50 Hz 100 127 V	shock resistance according to IEC 60068-2-27	11g / 15 ms
adjustable time	mechanical service life (operating cycles) typical	10 000 000
relative setting accuracy relating to full-scale value thermal current 5 A minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence \$\frac{1}{2}	· · · · · · · · · · · · · · · · · · ·	100 000
thermal current minimum ON period 35 ms recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence \$\frac{\pmathbf{\text{thermal}}}{2}\$	adjustable time	0.05 100 s
minimum ON period recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence \$\frac{\text{±1 %}}{\text{5 w}}\$ Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value • at 50 Hz • at 50 Hz 100 127 V	relative setting accuracy relating to full-scale value	5 %; +/-
recovery time reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleiittanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz 100 127 V	thermal current	5 A
reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage 2 at AC • at 50 Hz • at 50 Hz 100 127 V	minimum ON period	35 ms
relative repeat accuracy influence of the surrounding temperature power supply influence ±1 % Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage 2 at AC • at 50 Hz • at 50 Hz control supply voltage 2 at AC • at 50 Hz 100 127 V	recovery time	150 ms
influence of the surrounding temperature power supply influence \$\frac{\pmathbf{\text{thm}}}{2}\$ Substance Prohibitance (Date) \$\frac{\text{DS/O1/2012}}{2}\$ SVHC substance name \$\frac{\text{Blei} - 7439-92-1}{\text{Bleimonoxid}}\$ \$\frac{\text{Blei indoorsid}}{2} - 1317-36-8\$ \$\text{Bleititanzirkonoxid} - 12626-81-2\$ Control circuit/ Control type of voltage of the control supply voltage \$\frac{\text{AC/DC}}{2}\$ control supply voltage 1 at AC \$\text{at 50 Hz rated value}\$ \$\text{24 V}\$ \$\text{at 60 Hz rated value}\$ \$\text{24 V}\$ control supply voltage 2 at AC \$\text{at 50 Hz}\$ \$\text{100 127 V}	reference code according to IEC 81346-2	К
power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage 2 at AC at 50 Hz at 50 Hz 100 127 V	relative repeat accuracy	1 %; +/-
Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value at 50 Hz control supply voltage 2 at AC at 50 Hz at 50 Hz 100 127 V	influence of the surrounding temperature	±5 %
SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC at 50 Hz rated value 24 V control supply voltage 2 at AC at 50 Hz 100 127 V	power supply influence	±1 %
Bleimonoxid (Bleioxid) - 1317-36-8 Bleititanzirkonoxid - 12626-81-2 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz 100 127 V	Substance Prohibitance (Date)	05/01/2012
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz rated value at 60 Hz rated value control supply voltage 2 at AC at 50 Hz 100 127 V	SVHC substance name	Bleimonoxid (Bleioxid) - 1317-36-8
control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value control supply voltage 2 at AC • at 50 Hz 100 127 V	Control circuit/ Control	
• at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value control supply voltage 2 at AC • at 50 Hz 100 127 V	type of voltage of the control supply voltage	AC/DC
at 60 Hz rated value control supply voltage 2 at AC at 50 Hz 100 127 V	control supply voltage 1 at AC	
control supply voltage 2 at AC • at 50 Hz 100 127 V	• at 50 Hz rated value	24 V
• at 50 Hz 100 127 V	at 60 Hz rated value	24 V
	control supply voltage 2 at AC	
• at 60 Hz	• at 50 Hz	100 127 V
	● at 60 Hz	100 127 V

control supply voltage frequency 1	50 60 Hz
control supply voltage 1	00 00 FIZ
at DC rated value	24 V
operating range factor control supply voltage rated value at	Z+ V
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
Switching Function	
switching function	
ON-delay	Yes
ON-delay/instantaneous contact	No
passing make contact	Yes
passing make contact/instantaneous contact	No
OFF delay	No
switching function	
flashing symmetrically with interval start/instantaneous	No
flashing symmetrically with interval start	Yes
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	110
star-delta circuit with delay time	No
star-delta circuit star-delta circuit	No
switching function with control signal	INU
additive ON-delay	Yes
•	
passing break contact	Yes
passing break contact/instantaneous	No
OFF delay	Yes
OFF delay/instantaneous	No
pulse delayed	No
pulse delayed/instantaneous	No
• pulse-shaping	Yes
pulse-shaping/instantaneous	No
 additive ON-delay/instantaneous 	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 retrotriggerable with deactivated control	No
signal/instantaneous contact	N-
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	
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	AgSnO2
number of NC contacts	
 delayed switching 	0
• instantaneous contact	0

number of NO contacts	
 delayed switching 	0
instantaneous contact	0
number of CO contacts	
 delayed switching 	1
instantaneous contact	0
operational current of auxiliary contacts at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 125 V	0.2 A
• at 250 V	0.1 A
operating frequency with 3RT2 contactor maximum	5 000 1/h
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17 V, 5
	mA)
contact rating of auxiliary contacts according to UL	R300 / B300
Inputs/ Outputs	
product function	
non-volatile	No
Electromagnetic compatibility	
EMC emitted interference according to IEC 61812-1	EN 61000-6-4(3)
EMC immunity according to IEC 61812-1	EN 61000-6-2
conducted interference	
 due to burst according to IEC 61000-4-4 	2 kV network connection / 1 kV control connection
due to conductor-earth surge according to IEC 61000-4-5	2 kV
 due to conductor-conductor surge according to IEC 61000-4-5 	1 kV
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
category according to EN 954-1	none
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
type of insulation	Basic insulation
Connections/ Terminals	
product component removable terminal for auxiliary and	No
control circuit	
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections	
• solid	2x (0,51,5 mm²), 2x (0,75 2,5 mm²)
 finely stranded with core end processing 	2x (0,51,5 mm²), 2x (0,75 2,5 mm²)
 for AWG cables solid 	2x (18 14)
• for AWG cables stranded	2x (18 14)
connectable conductor cross-section	
• solid	0.5 2.5 mm²
 finely stranded with core end processing 	0.5 2.5 mm²
AWG number as coded connectable conductor cross	
section	
• solid	18 14
• stranded	18 14
tightening torque	0.8 1.2 N·m
design of the thread of the connection screw	M3
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	57 mm
width	45 mm
depth	73 mm
required spacing	
with side-by-side mounting	
— forwards	0 mm

— backwards	0 mm
— upwards	0 mm
— downwards	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
during storage	-40 +85 °C
during transport	-40 +85 °C
relative humidity during operation	10 95 %
Approvals Certificates	

General Product Approval







Confirmation





EMC

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other



Confirmation

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=3RP2005-1AQ30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RP2005-1AQ30

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

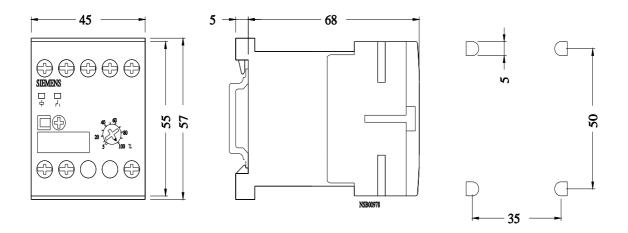
https://support.industry.siemens.com/cs/ww/en/ps/3RP2005-1AQ30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RP2005-1AO30&lang=en

nttp://www.automation.siemens.com/bilddb/cax_de.aspx?milb=skr2005-1AQ50&lang=ei

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RP2005-1AQ30/manual



last modified: 8/29/2023 🖸