SIEMENS

Data sheet

3RP1576-1NQ30



Timing relay, electronic Phased-out product !!! For further information, please contact our sales department with star-delta (wye-delta) function 1 NO contact, delayed 1 NO contact, instantaneous 1 time range 3...60 s 24 V AC/DC and 100...127 V AC at 50/60 Hz AC screw terminal

product type designation SIRUS product type designation timing relay product type designation SIRUS Convert designation SIRUS convert designation SIRUS product type designation SIRUS or lasy output Yes • relay output Yes • relay output No product txtension required remote control No product stension products relation stension	and the second s	
product type designation 3RP15 General technical data	product brand name	SIRIUS
General technical data product component • relay output Yes • semi-conductor output No product extension required remote control No product extension required remote control No power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 300 V 60664 with degree of pollution 3 rated value 2 kV degree of pollution 3 rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-77 11g / 15 ms vibration resistance according to IEC 60068-2-71 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 00 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) ta AC-15 at 230 V 100 000 typical 5 % thermal current 5 % relative setting accuracy relating to full-scale value 5 % thermal current 5 % reference code according to IEC 81346-2 K relative repeat accuracy 1 % substance Prohibitance (Date) 05/28/2009 <	product designation	timing relay
product component Yes • relay output Yes • semi-conductor output No product extension required remote control No power loss [W] maximum 2 W insulation voltage for overvitage category III according to ECC 300 V 60664 with degree of pollution 3 rated value 4000 V test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g /15 ms vibration resistance according to IEC 60068-2-7 11g /15 ms vibration resistance according to IEC 60068-2-7 11g /15 ms vibration resistance according to IEC 60068-2-81 100.000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) at AC-15 at 230 V 100 000 typical 3 60 s relative setting accuracy relating to full-scale value 5 % thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K vipe of voltage of the control supply voltage AC/DC control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V	product type designation	3RP15
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• semi-conductor outputNoproduct extension required remote controlNoproduct extension optional remote controlNopower loss [VI] maximum2 VVinsulation voltage for overvoltage category III according to IEC300 V60664 with degree of polition 3 rated value2 kVdegree of polition 1 arted value2 kVdegree of polition 1 arted value3surge voltage resistance rated value400 Vprotection class IPIP20shock resistance according to IEC 60068-2-2711g / 15 mswibration resistance according to IEC 60068-2-8110 55 Hz / 0.35 mmmechanical service Iif (coperating cycles) typical100 000electrical endurance (operating cycles) typical100 000electrical endurance (operating cycles) typical5 %relative setting accuracy relating to full-scale value5 %relative setting accuracy relating to IEC 81346-2Krelative repeat accuracy1 %influence of the surrounding temperature45 %power supply influence1 %Substance Prohibitance (Date)05/28/2009Control supply voltage 1 at AC24 V• at 60 Hz rated value24 V• at 60 Hz	product component	
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power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 300 V 60664 with degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical andurance (operating cycles) typical 10 000 000 electrical andurance (operating cycles) at AC-15 at 230 V 100 000 typical 3 60 s resourcy relating to full-scale value 5 % thermal current 5 A resourcy time 150 ms reference code according to IEC 8136-2 K reference code according to IEC 81346-2 K optimume 150 ms reference code according to IE	product extension required remote control	No
Insulation voltage for overvoltage category III according to IEC 300 V 60664 with degree of pollution 3 rated value 2 kV test voltage for isolation test 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-6 1055 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) at AC-15 at 230 V 100 000 typical 360 s relative setting accuracy relating to full-scale value 5 % thermal current 5 A recevery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 % influence of the surrounding temperature 4 % Substance Prohibitance (Date) 05/28/2009 Control circuit/ Control 5/28/2009 Control supply voltage of the control supply voltage AC/DC e at 50 Hz rated value 24 V e at 50 Hz rated value 24 V e at 50 Hz 100 127 V e at 60 Hz 100 127 V e at 60 Hz 100 127 V	product extension optional remote control	No
60664 with degree of pollution 3 rated value 2 kV degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service IIfe (operating cycles) tpical 10 000 000 electrical endurance (operating cycles) tat AC-15 at 230 V 100 000 typical 3 60 s relative setting accuracy relating to full-scale value 5 % recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 % substance Prohibitance (Date) 05/28/2009 Control circuit/ Control 5/28/2009 Control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V • at 60 Hz 100 127 V • at 60 Hz 50 .	power loss [W] maximum	2 W
degree of pollution3surge voltage resistance rated value4 000 Vprotection class IPIP20shock resistance according to IEC 60068-2-2711g / 15 msvibration resistance according to IEC 60068-2-610 55 Hz / 0.35 mmmechanical service life (operating cycles) typical10 000 000electrical endurance (operating cycles) at AC-15 at 230 V100 0000typical3 60 srelative setting accuracy relating to full-scale value5 %thermal current5 Arecovery time150 msreference code according to IEC 81346-2Kinfluence of the surrounding temperature45 %power supply influence±1 %Substance Prohibitance (Date)05/28/2009Control supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 60 Hz100 127 V• at 60 Hz100 127 V• at 60 Hz00 60 Hzcontrol supply voltage frequency 150 60 Hz		300 V
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protection class IPIP20shock resistance according to IEC 60068-2-2711g / 15 msvibration resistance according to IEC 60068-2-61055 Hz / 0.35 mmmechanical service life (operating cycles) typical100 000electrical endurance (operating cycles) at AC-15 at 230 V100 000typical3 60 srelative setting accuracy relating to full-scale value5 %thermal current5 Arecovery time150 msreference code according to IEC 81346-2Krelative repeat accuracy1 %influence of the surrounding temperature±5 %substance Prohibitance (Date)05/28/2009Control circuit/ control24 V• at 50 Hz rated value24 V• at 50 Hz rated value24 V• at 50 Hz100 127 V• at 60 Hz100 127 V• at 60 Hz100 127 V• at 60 Hz00 127 V• at 60 Hz00 127 V• at 60 Hz100 127 V• at 60 Hz50 60 Hz• at 60 Hz100 127 V• at 60 Hz50 60 Hz• at 60 Hz50 60 Hz• at 60 Hz50 60 Hz• at 60 Hz50 60 Hz	degree of pollution	3
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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) 05/28/2009 Control circuit/ Control t type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V • at 50 Hz 100 127 V • at 60 Hz 100 127 V • at 60 Hz 50 60 Hz • at 60 Hz 50 60 Hz • at 60 Hz 50 60 Hz	thermal current	5 A
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influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) 05/28/2009 Control circuit/ Control 05/28/2009 Control circuit/ Control Control supply voltage of the control supply voltage AC/DC AC/DC control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V control supply voltage 2 at AC 100 127 V • at 60 Hz 100 127 V • at 60 Hz 50 60 Hz	reference code according to IEC 81346-2	К
power supply influence±1 %Substance Prohibitance (Date)05/28/2009Control circuit/ ControlKC/DCcontrol supply voltage 1 at ACAC/DC• at 50 Hz rated value24 V• at 60 Hz rated value24 V• at 50 Hz100 127 V• at 60 Hz50 60 Hz• at 60 Hz100 127 V• at 60 Hz100 127 V	relative repeat accuracy	1 %
Substance Prohibitance (Date) 05/28/2009 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 • at 60 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz 100 127 V • at 60 Hz 100 127 V • at 60 Hz 50 60 Hz	influence of the surrounding temperature	±5 %
Control circuit/ Control AC/DC type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC	power supply influence	±1 %
type of voltage of the control supply voltageAC/DCcontrol supply voltage 1 at AC• at 50 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage 2 at AC• at 50 Hz100 127 V• at 60 Hz100 127 V• at 60 Hz50 60 Hzcontrol supply voltage frequency 150 60 Hz	Substance Prohibitance (Date)	05/28/2009
control supply voltage 1 at AC • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V control supply voltage 2 at AC 24 V • at 50 Hz 100 127 V • at 60 Hz 100 127 V • at 60 Hz 50 60 Hz control supply voltage frequency 1 50 60 Hz	Control circuit/ Control	
• at 50 Hz rated value 24 V • at 60 Hz rated value 24 V control supply voltage 2 at AC 24 V • at 50 Hz 100 127 V • at 60 Hz 100 127 V • at 60 Hz 50 60 Hz control supply voltage frequency 1 50 60 Hz	type of voltage of the control supply voltage	AC/DC
• at 60 Hz rated value 24 V control supply voltage 2 at AC	control supply voltage 1 at AC	
control supply voltage 2 at AC 100 127 V • at 50 Hz 100 127 V • at 60 Hz 100 127 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 50 60 Hz	• at 50 Hz rated value	24 V
• at 50 Hz 100 127 V • at 60 Hz 100 127 V control supply voltage frequency 1 50 60 Hz control supply voltage 1 50 60 Hz	• at 60 Hz rated value	24 V
• at 60 Hz 100 127 V control supply voltage frequency 1 50 60 Hz control supply voltage 1	control supply voltage 2 at AC	
control supply voltage frequency 1 50 60 Hz control supply voltage 1 50 60 Hz	• at 50 Hz	100 127 V
control supply voltage 1	• at 60 Hz	100 127 V
	control supply voltage frequency 1	50 60 Hz
• at DC rated value 24 V	control supply voltage 1	
	at DC rated value	24 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	
Switching Function	
switching function	
ON-delay No	
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	
star-delta circuit with delay time No	
star-delta circuit Yes	
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 pulse-shaping/instantaneous No	
additive ON-delay/instantaneous ON-delay/OFF-delay/instantaneous No	
passing make contact No	
passing make contact passing make contact/instantaneous contact No	
switching function of interval relay with control signal	
retrotriggerable with deactivated control	
signal/instantaneous contact	
retrotriggerable with switched-on control signal No	
retrotriggerable with switched-on control No	
signal/instantaneous contact	
retriggerable with deactivated control signal No	
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 AgSnC	2
number of NC contacts	
delayed switching	
instantaneous contact	
number of NO contacts	
elayed switching 1	

- delayed evidebic -	0			
delayed switching	0			
instantaneous contact operational current of auxiliary contacts at AC-15	0			
	2.4			
● at 24 V ● at 250 V	3 A 3 A			
operational current of auxiliary contacts at DC-13				
• at 24 V	1A			
• at 125 V	0.2 A			
• at 250 V	0.2 A 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	EN 04000 0 4(0)			
EMC emitted interference according to IEC 61812-1	EN 61000-6-4(3)			
EMC immunity according to IEC 61812-1 conducted interference	EN 61000-6-2			
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	1 kV			
61000-4-5				
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				
protection class IP on the front according to IEC 60529	IP20			
type of insulation	Basic insulation			
category according to EN 954-1	none			
Connections/ Terminals	Vee			
product component removable terminal for auxiliary and control circuit	Yes			
	screw-type terminals			
control circuit				
control circuit type of electrical connection for auxiliary and control circuit				
control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals			
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	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)			
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	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)			
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 connectable conductor cross-section	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14)			
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 connectable conductor cross-section • solid	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ²			
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 connectable conductor cross-section • solid • for AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14)			
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 connectable conductor cross-section • solid	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ²			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ²			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section AWG number as coded connectable conductor cross section	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ²			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • solid	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 20 14 0.8 1.2 N·m			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • stranded tightening torque design of the thread of the connection screw	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 20 14 0.8 1.2 N·m			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 0.8 1.2 N·m M3			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm			
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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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting - forwards	screw-type terminals 1x (0.5 4.0 mm ²), 2x (0.5 2.5 mm ²) 1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²) 2x (20 14) 2x (20 14) 0.5 4 mm ² 0.5 2.5 mm ² 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm 0 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 mm² 0.5 4 mm² 0.5 2.5 mm² 20 14 0.5 2.5 mm² 20 14 0.8 1.2 N·m M3 Image: Screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm 0 mm 0 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 mm² 0.5 2.5 mm² 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm 0 mm 0 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 mm² 0.5 2.5 mm² 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm 0 mm 0 mm 0 mm 0 mm			
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 connectable conductor cross-section • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — upwards	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 mm² 0.5 2.5 mm² 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 83 mm 22.5 mm 91 mm 0 mm 0 mm 0 mm			

— 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 l	evel 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 %		
Certificates/ approvals				
General Product Approval				EMC
Confirmat) EHC	
Declaration of Conformity	Test Certificate	es Marine / Sh	ipping	
CE UK EG-Konf.	<u>Type Test Cer</u> ates/Test Rep		Llovds Register Lts	RINA
Marine / Shipping	other		Railway	
	Miscellaneo	u <u>s Confirma</u>	ation <u>Special Test Certific</u> <u>ate</u>	E
Further information Siemens has decided to exit the Russ	ian market (see here)			
https://press.siemens.com/global/en/pre		wn-russian-business		
Siemens is working on the renewal of Please contact your local Siemens office EAC relevant market (other than the sar	the current EAC certificates on the status of validity of	the EAC certification it	f you intend to import or offer to s	upply these products to an
Information on the packaging	ICTIONED EAED MEMBER STA	ites Russia of Belarus)	ı.	
https://support.industry.siemens.com/cs/	/ww/en/view/109813875			
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Industry Mall (Online ordering system https://mall.industry.siemens.com/mall/e		<u>=3RP1576-1NQ30</u>		

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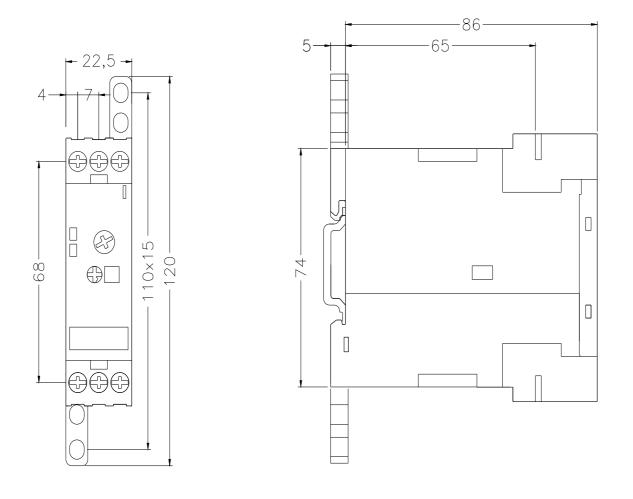
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