SIEMENS

Data sheet 3RP2574-2NW30



Timing relay, electronic with star-delta (wye-delta) function 1 NO delayed 1 NO instantaneous 1 time range, 1...20 s 12-240 V AC/DC at 50/60 Hz AC with LED, Spring-type terminal (push-in)

product type designation design of the product product type designation General technical data product type designation **relay output** **relay output	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 product extension optional remote control power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 6064 with degree of pollution 3 rated value test voltage for isolation test degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP protection class IP shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) typical adjustable time relative setting accuracy relating to full-scale value 5 %; +/- thermal current 7 5 A recovery time 250 ms reference code according to IEC 81346-2 Krelative repeat accuracy 1 1%; +/- influence of the surrounding temperature 9 39(1) 22014 SVHC substance name Biel -7439-92-1 Bielmonoxid (Bieloxid) - 1317-36-8 Bielmonoxid (Bieloxid) - 1317-36-8 Bielmonoxid (Bieloxid) - 1317-36-8 Bielmonoxid (Bieloxid) - 1718-36-9 Control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1	product designation	timing relay		
General technical data product component • relay output • semi-conductor output No product extension required remote control power loss [W] maximum 2 W insulation voltage for overvoltage category III according to IEC 60664 with degree of politution 3 rated value test voltage for isolation test degree of politution 3 surge voltage resistance rated value 4 0000 V protection class IP shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 7 l 20 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1%; +/- influence of the surrounding temperature 1% in the whole voltage range to the set runtime power supply influence Substance Prohibitance (Date) SVHC substance Prohibitance (Date) 8 SVHC substance Prohibitance (Date) 5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1	design of the product	Star-delta (wye-delta) function		
product component	product type designation	3RP25		
• relay output • semi-conductor output product extension required remote control product extension optional remote control power 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 2.5 kV degree of poliution 3 surge voltage resistance rated value 4 000 V protection class IP 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 7 SA recovery time reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1 %; in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) 9/1/2/2/2/14 SVHC substance name 9/2 In 2 240 V • at 50 Hz • at 50 Hz control supply voltage frequency 1 control supply voltage 1	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 degree of pollution 3 surge voltage resistance rated value protection class IP shock resistance according to IEC 60068-2-27 the protection class IP shock resistance according to IEC 60068-2-27 mechanical service life (operating cycles) typical adjustable time relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A recovery time reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surroundling temperature power supply influence 3 WHC substance name Biei - 7439-92-1 Bieimonoxid (Bieioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage frequency 1 4 at 80 Hz control supply voltage frequency 1 control supply voltage 1	product component			
product extension required remote control product extension optional remote control No power loss [W] maximum power loss [W] maximum 2 W sinsulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test 2.5 kV degree of pollution 3 surge voltage resistance rated value protection class IP IP20 shock resistance according to IEC 60068-2-27 IIg / 15 ms mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical adjustable time 1 20 s relative setting accuracy relating to full-scale value thermal current 5 A recovery time 250 ms reference code according to IEC 81348-2 krelative repeat accuracy Influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei-nraosi (Bleicxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage frequency 1 at 80 Hz control supply voltage frequency 1 control supply voltage 1	 relay output 	Yes		
product extension optional remote control 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 2.5 kV degree of pollution 3 surge voltage resistance rated value protection class IP IP20 Shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 1 20 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1 % in the whole temperature range to the set runtime power supply influence 1 % in the whole voltage range to the set runtime SUBSTANCE COntrol 1 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 / 4 /	semi-conductor output	No		
power loss [W] maximum power loss [W] maximum 2 W	product extension required remote control	No		
insulation voltage for overvoltage category III according to IEC 60684 with degree of pollution 3 rated value test voltage for isolation test 2.5 kV degree of pollution 3 asurge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance according to IEC 60068-2-27 11g / 15 ms mechanical service life (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 120 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence 19% in the whole voltage range to the set runtime Substance Prohibitance (Date) 99/12/2014 SVHC substance name Blei - 7439-92-1 Bleimonovid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC at 60 Hz 12 240 V control supply voltage frequency 1 50 60 Hz control supply voltage 1	product extension optional remote control	No		
test voltage for isolation test test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP 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 thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SYHC substance name Bie: 7439-92-1 Bieimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methythhiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage at 60 Hz control supply voltage 1 control supply voltage 1 control supply voltage 1 control supply voltage frequency 1 50 60 Hz control supply voltage 1	power loss [W] maximum	2 W		
degree of pollution surge voltage resistance rated value protection class IP 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 thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1% in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 control supply voltage frequency 1 e at 60 Hz control supply voltage 1		300 V		
surge voltage resistance rated value protection class IP 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 120 s relative setting accuracy relating to full-scale value thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 relative repeat accuracy 1 %; +/- influence of the surrounding temperature 1 % in the whole temperature range to the set runtime power supply influence Substance Prohibitance (Date) SVHC substance name Biei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1- (4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage frequency 1 control supply voltage 1	test voltage for isolation test	2.5 kV		
protection class IP 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 1 20 s relative setting accuracy relating to full-scale value thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage at 60 Hz - at 50 Hz - at 60 Hz - control supply voltage frequency 1	degree of pollution	3		
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 relative setting accuracy relating to full-scale value thermal current ference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Substance Prohibitance (Date) SVHC substance of the control supply voltage control circuit/ Control type of voltage of the control supply voltage at 60 Hz control supply voltage frequency 1 control supply voltage 1 control supply voltage frequency 1 control supply voltage 1	surge voltage resistance rated value	4 000 V		
mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time 120 s relative setting accuracy relating to full-scale value 5%; +/- thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 11%; +/- influence of the surrounding temperature power supply influence 1% in the whole temperature range to the set runtime Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage	protection class IP	IP20		
electrical endurance (operating cycles) at AC-15 at 230 V typical adjustable time	shock resistance according to IEC 60068-2-27	11g / 15 ms		
adjustable time 1 20 s relative setting accuracy relating to full-scale value 5 %; +/- thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1	mechanical service life (operating cycles) typical	10 000 000		
relative setting accuracy relating to full-scale value thermal current 5 A recovery time 250 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 %; +/- influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1		100 000		
thermal current recovery time reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 control supply voltage 1	adjustable time	1 20 s		
recovery time reference code according to IEC 81346-2 K relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1	relative setting accuracy relating to full-scale value	5 %; +/-		
reference code according to IEC 81346-2 relative repeat accuracy influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1	thermal current	5 A		
relative repeat accuracy influence of the surrounding temperature power supply influence 1% in the whole temperature range to the set runtime 1% in the whole voltage range to the set runtime Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 control supply voltage 1	recovery time	250 ms		
influence of the surrounding temperature power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 control supply voltage 1	reference code according to IEC 81346-2	K		
power supply influence Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 control supply voltage 1	relative repeat accuracy	1 %; +/-		
Substance Prohibitance (Date) SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1 control supply voltage 1	influence of the surrounding temperature	1% in the whole temperature range to the set runtime		
SVHC substance name Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1	power supply influence	1% in the whole voltage range to the set runtime		
Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz	Substance Prohibitance (Date)	09/12/2014		
type of voltage of the control supply voltage control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 control supply voltage 1	SVHC substance name	Bleimonoxid (Bleioxid) - 1317-36-8		
control supply voltage 1 at AC 12 240 ∨ • at 50 Hz 12 240 ∨ • at 60 Hz 12 240 ∨ control supply voltage frequency 1 50 60 Hz control supply voltage 1 50 60 Hz	Control circuit/ Control			
• at 50 Hz	type of voltage of the control supply voltage	AC/DC		
• at 60 Hz control supply voltage frequency 1 control supply voltage 1	control supply voltage 1 at AC			
control supply voltage frequency 1 50 60 Hz control supply voltage 1	• at 50 Hz	12 240 V		
control supply voltage 1	• at 60 Hz	12 240 V		
	control supply voltage frequency 1	50 60 Hz		
• at DC 12 240 V	control supply voltage 1			
	• at DC	12 240 V		

operating range factor control supply voltage rated value at DC	
• initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	
initial value	0.8
• full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	
initial value	0.8
full-scale value	1.1
inrush current peak	
• at 24 V	0.5 A
• at 240 V	5 A
duration of inrush current peak	
• at 24 V	0.4 ms
● at 240 V	0.5 ms
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	INU
star-delta circuit with delay time	No
star-delta circuit star-delta circuit	Yes
switching function with control signal	165
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 pulse delayed/instantaneous	No
pulse-shaping	No
pulse-shaping/ pulse-shaping/instantaneous	No
additive ON-delay/instantaneous	No
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	110
retrotriggerable with deactivated control signal/instantaneous contact	No
retrotriggerable with switched-on control signal	No
retrotriggerable with switched-on control signal/instantaneous contact	No
retriggerable with deactivated control signal Short-circuit protection	No
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	, igono2

 delayed switching 	0		
 instantaneous contact 	0		
number of NO contacts			
delayed switching	1		
• instantaneous contact	1		
number of CO contacts			
delayed switching	0		
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		
switching capacity current with inductive load	0.01 3 A		
Inputs/ Outputs			
product function			
• at the relay outputs switchover delayed/without delay	No		
• non-volatile	No		
Electromagnetic compatibility			
EMC emitted interference according to IEC 61812-1	ambience A (industrial sector)		
EMC immunity according to IEC 61812-1	corresponds to degree of severity 3		
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	1 kV		
61000-4-5			
61000-4-5 field-based interference according to IEC 61000-4-3	10 V/m		
	10 V/m 4 kV contact discharge / 8 kV air discharge		
field-based interference according to IEC 61000-4-3			
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2			
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data	4 kV contact discharge / 8 kV air discharge		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1	4 kV contact discharge / 8 kV air discharge none		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529	4 kV contact discharge / 8 kV air discharge none IP20		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation	4 kV contact discharge / 8 kV air discharge none IP20		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation Connections/ Terminals product component removable terminal for auxiliary and	4 kV contact discharge / 8 kV air discharge none IP20 Basic insulation		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation Connections/ Terminals product component removable terminal for auxiliary and control circuit	A kV contact discharge / 8 kV air discharge none IP20 Basic insulation Yes		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	A kV contact discharge / 8 kV air discharge none IP20 Basic insulation Yes		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	4 kV contact discharge / 8 kV air discharge none IP20 Basic insulation Yes spring-loaded terminals (push-in)		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	4 kV contact discharge / 8 kV air discharge none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm ²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	1 kV contact discharge / 8 kV air discharge none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 2 12		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 • finely stranded without core end processing • for AWG cables solid • for AWG cables stranded	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 2 12		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 20 12		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 • finely stranded without core end processing • for AWG cables solid • for AWG cables stranded connectable conductor cross-section • solid	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 0.5 4 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 4 mm² 20 12 20 12 20 12 0.5 4 mm² 0.5 4 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 20 12 20 12 20 12 20 12 0.5 4 mm² 0.5 4 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 connectable conductor cross-section • solid • finely stranded with core end processing • finely stranded without core end processing • solid	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 20 12 20 12 0.5 4 mm² 20 12		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 connectable conductor cross-section • solid • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing AWG number as coded connectable conductor cross section • solid • stranded	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 20 12 20 12 20 12 20 12 0.5 4 mm² 0.5 4 mm²		
electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 connectable conductor cross-section • solid • finely stranded with core end processing • for AWG cables conductor cross-section • solid • finely stranded with core end processing • finely stranded with core end processing • solid • solid • stranded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 20 12 20 12 0.5 4 mm² 20 12		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 connectable conductor cross-section • solid • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing AWG number as coded connectable conductor cross section • solid • stranded	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 20 12 20 12 0.5 4 mm² 20 12		
electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 connectable conductor cross-section • solid • finely stranded with core end processing • for AWG cables conductor cross-section • solid • finely stranded with core end processing • finely stranded with core end processing • solid • solid • stranded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 20 12 20 12 0.5 4 mm² 0.5 4 mm² o.5 4 mm² o.5 12 o.5 4 mm² o.5 12 o.5 12 o.5 2.5 mm² o.5 2.5 mm²		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 • finely stranded without core end processing • for AWG cables solid • for AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing • finely stranded without core end processing AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 20 12 20 12 10.5 4 mm² 20 12 21 12 22 12 23 15 mm² 24 16 mm² 25 17 mm² 26 18 mm² 27 19 mm² 28 mm² 89 mm² 90 mm		
field-based interference according to IEC 61000-4-3 electrostatic discharge according to IEC 61000-4-2 Safety related data category according to EN 954-1 protection class IP on the front according to IEC 60529 type of insulation 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 • finely stranded without 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 Installation/ mounting/ dimensions mounting position fastening method	none IP20 Basic insulation Yes spring-loaded terminals (push-in) 0.5 4 mm² 0.5 2.5 mm² 0.5 4 mm² 20 12 20 12 0.5 4 mm² 0.5 4 mm² o.5 4 mm² o.5 12 o.5 4 mm² o.5 12 o.5 12 o.5 2.5 mm² o.5 2.5 mm²		

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		
mbient 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			
		- FINO	Declaration of Con-
General Product Approval		EMC	formity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other





Confirmation

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

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=3RP2574-2NW30

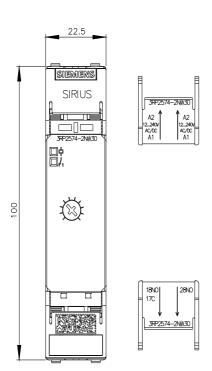
Cax online generator

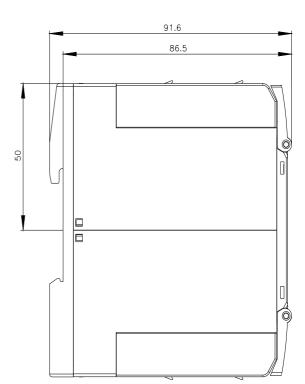
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RP2574-2NW30

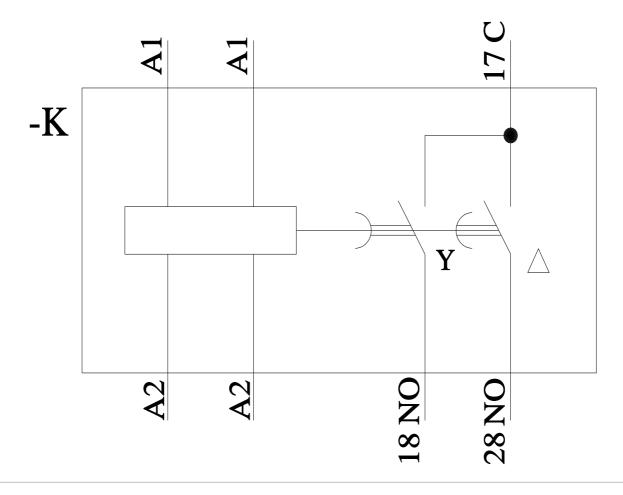
https://support.industry.siemens.com/cs/ww/en/ps/3RP2574-2NW30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RP2574-2NW30&lang=en

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/3RP2574-2NW30/manual







last modified: 8/7/2023 🖸