SIEMENS

product brand name

Data sheet 3RP1525-1BP30

SIRIUS



Timing relay, electronic Phased-out product !!! For further information, please contact our sales department ansprechverzögert 2 change-over contacts, 15 time ranges 0.05 s...100 h 24 AC, 200...240 V and 24 V DC at 50/60 Hz AC with LED, Screw terminal

product designation timing relay groduct type designation 3RP15 General technical data ****Product component***********************************	product brand name	SIRIUS
General technical data product component • relay output • semi-conductor output Product extension required remote control product extension required remote control No product extension optional remote control No power loss [W] maximum Insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 000 V protection class IP shock resistance acc. to IEC 60068-2-7 11g / 15 ms vibration resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current recovery time reference code acc. to IEC 81346-2 Relative repeat accuracy 1% Substance Prohibitance (Date) Zubes of Oktor Carterial Control type of voltage of the control supply voltage at 50 Hz rated value at 50 Hz rated value at 50 Hz rated value at 50 Hz at 50 Hz at 60 Hz control supply voltage 1 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz at 60 Hz control supply voltage 7 at AC at 50 Hz control supply voltage 7 at AC at 50 Hz control supply voltage 7 at AC at 50 Hz control supply voltage 7 at AC at 50 Hz control supply voltage 7 at AC at 50 Hz control supply voltage 7 at AC at 50 Hz control supply volta	product designation	timing relay
product component	product type designation	3RP15
• relay output • semi-conductor output Product extension required remote control No Product extension optional remote control No Power loss [W] maximum Insulation voltage for overvoltage category III according to IEC 60668 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 Shock resistance acc. to IEC 60068-2-27 11g / 15 ms Vibration resistance acc. to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time cleative setting accuracy relating to full-scale value thermal current 5 A recovery time reference code acc. to IEC 81346-2 Relative repeat accuracy Substance Prohibitance (Date) 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 rated value 250 60 Hz control supply voltage 2 at AC at 50 Hz at 60 Hz 200 240 V at 60 Hz control supply voltage frequency 1 50 60 Hz	General technical data	
• semi-conductor output 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 isolation test degree of pollution 3 surge voltage resistance rated value protection class IP FP20 shock resistance acc. to IEC 60068-2-27 11g / 15 ms vibration resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (switching cycles) typical adjustable time clative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 Relative repeat accuracy 1 1% Substance Prohibitance (Date) 2 8.05 2009 00:00:00 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 60 Hz at 50 Hz at 60 Hz 200 240 V control supply voltage frequency 1	product component	
product extension required remote control product extension optional remote control power loss [W] maximum protection test power loss [W] maximum protection class [W] legal of voltage resistance rated value protection class IP protection class IP protection class [W] legal of	 relay output 	Yes
product extension optional remote control power loss [W] maximum insulation voltage for overvoltage category III according to EIC 60064 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value ### 1920 Shock resistance acc. to IEC 60068-2-27 ### 11g / 15 ms vibration resistance acc. to IEC 60068-2-6 ### 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time elative setting accuracy relating to full-scale value thermal current frecovery time 150 ms reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage	 semi-conductor output 	No
Dower loss [W] maximum 2 W Insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value 2 kV Idegree of pollution 3 3 3 3 3 3 3 3 3	product extension required remote control	No
insulation voltage for overvoltage category III according to IEC 80684 with degree of pollution 3 rated value test voltage for isolation test degree of pollution surge voltage resistance rated value 4 000 V protection class IP shock resistance acc. to IEC 60068-2-27 vibration resistance acc. to IEC 60068-2-6 nechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time 10 000 000 relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Substance Prohibitance (Date) 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 60 Hz • at 60 Hz • at 60 Hz • at 60 Hz control supply voltage frequency 1 • at 60 Hz • at 60 Hz • at 60 Hz control supply voltage frequency 1 • at 60 Hz • control supply voltage frequency 1	product extension optional remote control	No
test voltage for isolation test degree of pollution surge voltage resistance rated value protection class IP shock resistance acc. to IEC 60068-2-27 shock resistance acc. to IEC 60068-2-6 shock resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time clative setting accuracy relating to full-scale value thermal current ference code acc. to IEC 81346-2 relative repeat accuracy substance Prohibitance (Date) Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage e at 50 Hz rated value e at 60 Hz rated value e at 50 Hz e at 60 Hz e control supply voltage frequency 1 50 60 Hz	power loss [W] maximum	2 W
degree of pollution 3 surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance acc. to IEC 60068-2-27 11g / 15 ms vibration resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time 0.05 s 100 h relative setting accuracy relating to full-scale value 5 % thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 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 at 60 Hz 200 240 V at 60 Hz 200 240 V at 60 Hz 200 240 V control supply voltage frequency 1 50 60 Hz		300 V
surge voltage resistance rated value 4 000 V protection class IP IP20 shock resistance acc. to IEC 60068-2-27 11g / 15 ms vibration resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical 10 000 000 electrical endurance (switching cycles) at AC-15 at 230 V typical 100 000 adjustable time 0.05 s 100 h relative setting accuracy relating to full-scale value 5 % thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 Control circuit/ Control 4 C/DC control supply voltage of the control supply voltage AC/DC control supply voltage 1 at AC 24 V • at 50 Hz rated value 24 V control supply voltage 2 at AC 20 240 V • at 50 Hz 200 240 V • at 60 Hz 200 240 V • at 60 Hz 50 60 Hz	test voltage for isolation test	2 kV
Protection class IP	degree of pollution	3
shock resistance acc. to IEC 60068-2-27 vibration resistance acc. to IEC 60068-2-6 10 55 Hz / 0.35 mm mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 50 Hz rated value 24 V at 60 Hz rated value 24 V control supply voltage 2 at AC at 50 Hz at 60 Hz at 60 Hz control supply voltage frequency 1 50 60 Hz control supply voltage frequency 1 50 60 Hz	surge voltage resistance rated value	4 000 V
vibration resistance acc. to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 relative repeat accuracy 1 % Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value at 60 Hz rated value at 60 Hz at 60 Hz control supply voltage frequency 1 10 000 000 1	protection class IP	IP20
mechanical service life (operating cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time 0.05 s 100 h relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 Control circuit/ Control type of voltage of the control supply voltage at 60 Hz rated value at 60 Hz rated value at 60 Hz control supply voltage frequency 1 50 60 Hz control supply voltage frequency 1 50 60 Hz	shock resistance acc. to IEC 60068-2-27	11g / 15 ms
electrical endurance (switching cycles) at AC-15 at 230 V typical adjustable time relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) Control circuit/ Control type of voltage of the control supply voltage at 50 Hz rated value at 60 Hz rated value at 50 Hz at 60 Hz at 60 Hz control supply voltage frequency 1 100 000 10	vibration resistance acc. to IEC 60068-2-6	10 55 Hz / 0.35 mm
adjustable time adjustable time crelative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 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 • at 50 Hz • at 60 Hz control supply voltage 2 at AC • at 50 Hz • at 60 Hz • at 60 Hz control supply voltage frequency 1 50 60 Hz	mechanical service life (operating cycles) typical	10 000 000
relative setting accuracy relating to full-scale value thermal current 5 A recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value • at 50 Hz • at 60 Hz control supply voltage 2 at AC • at 50 Hz • at 60 Hz 5 % Control supply voltage 2 at AC 200 240 V control supply voltage frequency 1 50 60 Hz		100 000
thermal current recovery time 150 ms reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz • at 60 Hz control supply voltage 7 at AC • at 50 Hz • at 60 Hz 50 240 V control supply voltage frequency 1 50 60 Hz	adjustable time	0.05 s 100 h
recovery time reference code acc. to IEC 81346-2 K relative repeat accuracy 1 % Substance Prohibitance (Date) 28.05.2009 00:00:00 Control circuit/ Control type of voltage of the control supply voltage AC/DC control supply voltage 1 at AC • at 50 Hz rated value • at 60 Hz rated value 24 V control supply voltage 2 at AC • at 50 Hz • at 60 Hz control supply voltage frequency 1 150 ms K	relative setting accuracy relating to full-scale value	5 %
reference code acc. to IEC 81346-2 Relative repeat accuracy Substance Prohibitance (Date) 28.05.2009 00:00:00 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 60 Hz control supply voltage 2 at AC • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz • at 60 Hz • at 60 Hz 50 240 V control supply voltage frequency 1 50 60 Hz	thermal current	5 A
relative repeat accuracy Substance Prohibitance (Date) 28.05.2009 00:00:00 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 control supply voltage 2 at AC • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz Control supply voltage frequency 1 50 60 Hz	recovery time	150 ms
Substance Prohibitance (Date) 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 control supply voltage 2 at AC • at 50 Hz • at 60 Hz control supply voltage 7 at AC • at 50 Hz • at 50 Hz • at 60 Hz 50 240 V control supply voltage frequency 1	reference code acc. to IEC 81346-2	K
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 60 Hz control supply voltage 2 at AC at 50 Hz at 60 Hz control supply voltage frequency 1 50 60 Hz	relative repeat accuracy	1 %
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 60 Hz 200 240 V control supply voltage frequency 1	Substance Prohibitance (Date)	28.05.2009 00:00:00
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 200 240 V • at 50 Hz 200 240 V • at 60 Hz 200 240 V control supply voltage frequency 1 50 60 Hz	Control circuit/ Control	
 at 50 Hz rated value at 60 Hz rated value 24 V control supply voltage 2 at AC at 50 Hz at 60 Hz at 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 ● at 50 Hz 200 240 V ● at 60 Hz 200 240 V control supply voltage frequency 1 50 60 Hz	control supply voltage 1 at AC	
control supply voltage 2 at AC	at 50 Hz rated value	24 V
● at 50 Hz ■ at 60 Hz 200 240 V 200 240 V control supply voltage frequency 1 50 60 Hz	at 60 Hz rated value	24 V
 at 50 Hz at 60 Hz 200 240 V control supply voltage frequency 1 50 60 Hz 	control supply voltage 2 at AC	
control supply voltage frequency 1 50 60 Hz		200 240 V
The state of the s	● at 60 Hz	200 240 V
	control supply voltage frequency 1	50 60 Hz

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at DC rated value	24 V
operating range factor control supply voltage rated value at DC	
	0.05
• 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	1.1
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	No
· · · · · · ·	No
passing make contact/instantaneous contactOFF delay	No
<u> </u>	NO
switching function	No
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	No
switching function with control signal	
 additive ON-delay 	No
 passing break contact 	No
 passing break contact/instantaneous 	No
OFF delay	No
OFF delay/instantaneous	No
pulse delayed	No
pulse delayed/instantaneous	No
pulse-shaping	No
 pulse-shaping/instantaneous 	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay/instantaneous	No
passing make contact	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	
retrotriggerable with deactivated control signal/instantaneous contact	No
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	fuse gL/gG: 4 A
auxiliary switch required	
Auxiliary circuit	A=C=02
material of switching contacts	AgSnO2
number of NC contacts delayed switching	0
number of NO contacts delayed switching	0

number of CO contacts delayed switching	2
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
influence of the surrounding temperature	±5 %
power supply influence	±1 %
Inputs/ Outputs	
product function	
non-volatile	No
Electromagnetic compatibility	
EMC immunity acc. to IEC 61812-1	EN 61000-6-2
conducted interference	
due to burst acc. to IEC 61000-4-4	2 kV network connection / 1 kV control connection
• due to burst acc. to IEC 01000-4-4 • due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
due to conductor-earth starge acc. to IEC 0 1000-4-3 due to conductor-conductor surge acc. to IEC	1 kV
61000-4-5	
field-based interference acc. to IEC 61000-4-3	10 V/m
electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
protection class IP on the front acc. to IEC 60529	IP20
type of insulation	Basic insulation
category acc. to EN 954-1	none
category acc. to EN 954-1 Connections/ Terminals	none
	Yes
Connections/ Terminals product function removable terminal for auxiliary and	
Connections/ Terminals product function removable terminal for auxiliary and control circuit	Yes
Connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	Yes
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes screw-type terminals
Connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid	Yes screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
Connections/ Terminals product function 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	Yes 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)
connections/ Terminals product function 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 at AWG cables solid	Yes 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)
connections/ Terminals product function 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 • at AWG cables solid • at AWG cables stranded	Yes 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)
connections/ Terminals product function 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 at AWG cables solid at AWG cables stranded connectable conductor cross-section	Yes 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)
connections/ Terminals product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 20 14
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail 102 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail 102 mm 22.5 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail 102 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail 102 mm 22.5 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 102 mm 22.5 mm 91 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 standard mounting rail 102 mm 22.5 mm 91 mm
product function removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	Yes 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 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm standard mounting rail 102 mm 22.5 mm 91 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 %	
Certificates/ approvals		



General Product Approval









EMC

Miscellaneous

Declaration of

Conformity

Declaration	of
Conformity	

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report









Marine / Shipping

other

Railway





Confirmation

Miscellaneous

Special Test Certificate

Further information

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=3RP1525-1BP30

Cax online generator

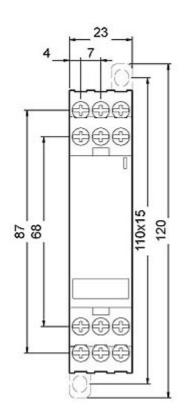
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RP1525-1BP30

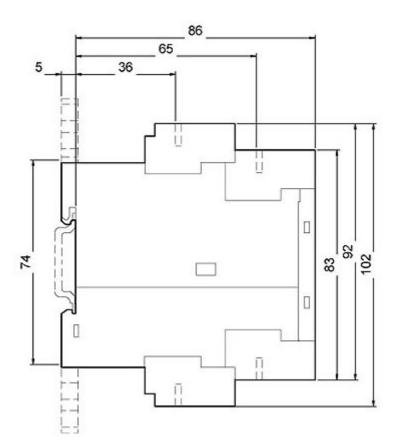
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$

 $\underline{\text{https://support.industry.siemens.com/cs/ww/en/ps/3RP1525-1BP30}}$

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RP1525-1BP30/manual





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