SIEMENS

Data sheet

3RP1525-1BP30



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 component Yes • relay output Yes • semi-conductor output No product extension required remote control No product extension optional 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 5 rated value 4 000 V protection class IP IP20 stract resistance according to IEC 60068-2-27 11g / 15 ms vibration resistance according to IEC 60068-2-6 1055 Hz / 0.35 mm mechanical service Iife (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 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 relative setting accuracy 1% influence of the surrounding temperature 45 % power supply influence 45 % power supply influence (Date)		
product type designation 3RP15 Seneral technical data	product brand name	SIRIUS
Denard technical data product component • relay output No • semi-conductor output No product extension required remote control No product extension required remote control No product extension required remote control No product extension optional remote control No product extension optional remote control No 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 surge voltage resistance according to IEC 60068-2.47 11g / 15 ms vibration resistance according to IEC 60068-2.47 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 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 relative repart accuracy 1% influence of the surrounding temperature 4 5 %	product designation	timing relay
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Instruction 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 000typical 100 sadjustable time0.05 100 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 temperature45 %substance Prohibitance (Date)0028/2009control supply voltage 1 at AC• at 50 Hz rated value24 V• at 50 Hz rated value20 240 V• at 60 Hz rated value200 240 V• at 60 Hz200 240 V• at 60 Hz200 240 V• at 60 Hz50 60 Hz	degree of pollution	3
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electrical endurance (operating cycles) at AC-15 at 230 V typical100 000adjustable time0.05 100 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 %power supply influence±1 %Substance Prohibitance (Date)202/28/2009control supply voltage 1 at AC4 C/DCe at 50 Hz rated value24 Ve at 60 Hz rated value240 Ve at 60 Hz200 240 Ve at 60 Hz200 240 Ve at 60 Hz200 240 Ve at 60 Hz50 60 Hz	vibration resistance according to IEC 60068-2-6	10 55 Hz / 0.35 mm
typicaladjustable time0.05 100 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 %power supply influence±1 %Substance Prohibitance (Date)5/28/2009control circuit/ Control24 Vector of supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 50 Hz200 240 V• at 60 Hz50 60 Hz	mechanical service life (operating cycles) typical	10 000 000
relative 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 %power supply influence±1 %Substance Prohibitance (Date)05/28/2009Control circuit/ Controltype of voltage of the control supply voltageAC/DCcontrol supply voltage 1 at AC• at 50 Hz rated value24 V• at 60 Hz rated value24 V• at 50 Hz200 240 V• at 60 Hz50 60 HzControl supply voltage frequency 150 60 Hz		100 000
thermal current 5 A recovery time 150 ms reference code according to IEC 81346-2 K relative repeat accuracy 1 % influence of the surrounding temperature ±5 % power supply influence ±1 % Substance Prohibitance (Date) 05/28/2009 Control circuit/ Control type of voltage of the control supply voltage AC/DC e at 50 Hz rated value 24 V e at 60 Hz rated value 24 V e at 50 Hz rated value 200 240 V e at 50 Hz 200 240 V e at 60 Hz 200 240 V e at 60 Hz 50 60 Hz	adjustable time	0.05 100 s
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reference code according to IEC 81346-2Krelative repeat accuracy1 %influence of the surrounding temperature±5 %power supply influence±1 %Substance Prohibitance (Date)05/28/2009Control circuit/ Controltype of voltage of the control supply voltageAC/DCcontrol supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 60 Hz rated value24 V• at 60 Hz200 240 V• at 60 Hz200 240 V• at 60 Hz50 60 Hz	thermal current	5 A
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influence of the surrounding temperature±5 %power supply influence±1 %Substance Prohibitance (Date)05/28/2009Control circuit/ ControlAC/DCtype of voltage of the control supply voltageAC/DCcontrol supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 60 Hz rated value200 240 V• at 60 Hz200 240 V• at 60 Hz50 60 Hz	reference code according to IEC 81346-2	К
power supply influence ±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 24 V • at 50 Hz rated value 24 V • at 60 Hz rated value 24 V • at 50 Hz 200 240 V • at 60 Hz 200 240 V • at 60 Hz 50 60 Hz	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 200 240 V • at 60 Hz 200 240 V • at 60 Hz 50 60 Hz	influence of the surrounding temperature	±5 %
Control circuit/ Control 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 control supply voltage 2 at AC 24 V • at 50 Hz 200 240 V • at 60 Hz 200 240 V • at 60 Hz 50 60 Hz	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 Hz200 240 V• at 60 Hz200 240 V• at 60 Hz50 60 Hz	Substance Prohibitance (Date)	05/28/2009
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 20 240 V • at 60 Hz 200 240 V • at 60 Hz 50 240 V	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 200 240 V • at 60 Hz 200 240 V • at 60 Hz 50 240 V	type of voltage of the control supply voltage	AC/DC
• 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 • at 60 Hz 50 60 Hz	control supply voltage 1 at AC	
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	• at 50 Hz rated value	24 V
• at 50 Hz 200 240 V • at 60 Hz 200 240 V control supply voltage frequency 1 50 60 Hz	• at 60 Hz rated value	24 V
• 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	• at 50 Hz	200 240 V
	• at 60 Hz	200 240 V
control supply voltage 1	control supply voltage frequency 1	50 60 Hz
	control supply voltage 1	
• at DC rated value 24 V	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	0.05
• 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
passing make contact/instantaneous contact	No
OFF delay	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	No
 star-delta circuit with delay time star-delta circuit 	No
switching function with control signal	NU
additive ON-delay	No
-	No
passing break contact	
 passing break contact/instantaneous 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 passing make contact	No
passing make contact	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	No
 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 auxiliary	fuse gL/gG: 4 A
switch required	
Auxiliary circuit	
material of switching contacts	AgSnO2
number of NC contacts	
delayed switching	0
instantaneous contact	0
number of NO contacts	
 delayed switching 	0
instantaneous contact	0
number of CO contacts	

- deleved evidence -	0			
delayed switching	2			
instantaneous contact operational current of auxiliary contacts at AC-15	0			
	2.0			
● 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	1 A 0.2 A			
• at 250 V	0.1 A			
operating frequency with 3RT2 contactor maximum	5 000 1/h			
contact reliability of auxiliary contacts	one incorrect switching operation of 100 million switching operations (17 V, 5			
	mA)			
contact rating of auxiliary contacts according to UL	R300 / B300			
Inputs/ Outputs				
product function				
• non-volatile	No			
Electromagnetic compatibility				
EMC emitted interference according to IEC 61812-1	EN 61000-6-4(3)			
EMC immunity according to IEC 61812-1	EN 61000-6-2			
conducted interference	2 kV network connection / 1 kV control connection			
 due to burst according to IEC 61000-4-4 due to conductor-earth surge according to IEC 61000-4-5 	2 kV network connection / 1 kV control connection 2 kV			
due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC	2 KV 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				
product component removable terminal for auxiliary and	Yes			
control circuit				
	screw-type terminals			
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	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	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	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)			
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 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)			
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 • finely stranded with core end processing • 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 • for AWG cables stranded connectable conductor cross-section • solid • finely stranded with core end processing 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 • finely stranded with core end processing AWG number as coded connectable conductor cross section • 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 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			
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			
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 • solid • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position	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 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 • 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			
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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	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 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 102 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 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 102 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 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 102 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 • stranded tightening torque design of the thread of the connection screw Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	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 14 0.8 12 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 102 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 • 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 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 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 102 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 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 0.5 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 102 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 2.5 mm² 20 14 20 14 20 14 20 14 20 14 0.8 1.2 N·m M3 any screw and snap-on mounting onto 35 mm DIN rail 102 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 — 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 4 mm² 0.5 2.5 mm² 20 14 20 14 0.5 2.5 mm² any screw and snap-on mounting onto 35 mm DIN rail 102 mm 22.5 mm 91 mm 0 mm 0 mm 0 mm 0 mm 0 mm			

- forwards			0 mm				
- backwards			0 mm				
— upwards			0 mm				
— at the side		0 mm	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 hei	nht above sea level may	/imum	2 000	m			
ambient temperature			2 000				
-			25	+60 °C			
during operation							
during storage				+85 °C			
during transport				+85 °C			
relative humidity during o	peration		10 9	95 %			
Certificates/ approvals							
General Product Appro	val					EMC	
(SP)	<u>Confirmation</u>				EHC	RCM	
Declaration of Conform	iity	Test Certificate	es	Marine / Shipping			
UK CA	CE EG-Konf.	<u>Type Test Cer</u> ates/Test Rep		BUREAU VERITAS	Lloyd's Register uis	RINA	
Marine / Shipping		other			Railway		
RMRS	DNV-GL	<u>Confirmatio</u>	<u>n</u>	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>		
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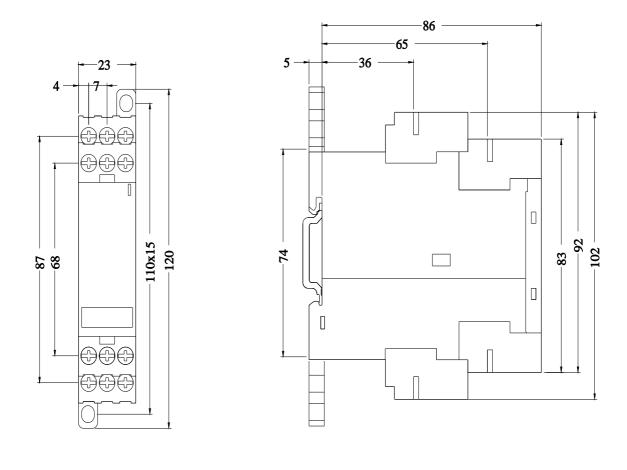
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