## SIEMENS

## Data sheet

## 3RT1926-2FJ21



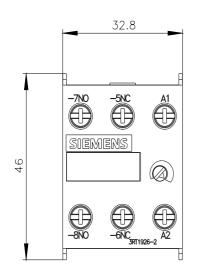
solid-state time-delayed front-side auxiliary switch Time range 0.5...10 s, 24 V AC/DC, 1 NO contact, 1 NC contact OFF delay, without control signal for 3RT1

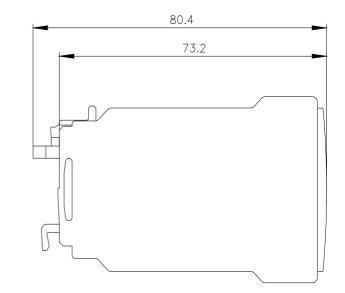
product brand name         SIRUS           product designation         auxilary switch           design of the product         With OFF-delay           product type designation         3RT19           General technical data	341926-2 ***			
design of the product     With OFF-delay       product type designation     3R119       General tachnical data	product brand name	SIRIUS		
product type designation         3RT19           General technical data	product designation	auxiliary switch		
Control to childraid data         No           product component semi-conductor output         No           product extension required remote control         No           product extension optional remote control         No           Insulation voltage for overvoltage category III according to IEC         300 V           00664 with degree of pollution         3           surge voltage resistance rated value         4000 V           shock resistance according to IEC 60068-2-27         11g / 15 ms           vibration resistance according to IEC 60068-2-6         10 55 Hz: 0.35 mm           mechanical service life (operating cycles) typical         1000 000           electrical endurance (operating cycles) at AC-15 at 230 V         100 000           typical         0.5 10 s           relative setting accuracy relating to full-scale value         15 %           minimum ON period         200 ms           recovery time         150 ms           reference code according to IEC 81346-2         K           relative setting accuracy         1 %           Substance Prohibitance (Date)         07/01/2006           Poduct Function         No           Control supply voltage 1 at AC         42 V           • at 50 Hz rated value         24 V           • at 50 Hz rated value </th <th>design of the product</th> <th>With OFF-delay</th>	design of the product	With OFF-delay		
product component semi-conductor output         No           product extension required remote control         No           product extension optional remote control         No           finalation voltage for overvoltage category III according to IEC         300 V           60664 with degree of pollution 3 rated value         4000 V           surge voltage resistance rated value         4000 V           shock resistance according to IEC 60068-2-27         11g / 15 ms           vibration resistance according to IEC 60068-2-64         10	product type designation	3RT19		
product extension required remote control     No       product extension optional remote control     No       insulation voltage for overvoltage category III according to IEC     300 V       degree of pollution 3 rated value     400 V       surge voltage resistance rated value     400 V       shock resistance according to IEC 6068-2-27     11g / 15 ms       vibration resistance according to IEC 6068-2-6     10 55 Hz: 0.35 mm       mechanical service IIfe (operating cycles) typical     10 000 000       electrical endurance (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       typical     0.5     5 %       minimum ON period     200 ms       resovery time     150 ms       reference code according to IEC 8146-2     K       relative setting accuracy relating to full-scale value     1%       Substance Prohibitance (Date)     07/01/2006       Product Function     Product Function star-delta circuit       No     Control supply voltage 1 at AC       control supply voltage 1 at AC     24 V       • at 60 Hz rated value     24 V       • at 60 Hz	General technical data			
product extension optional remote control         No           Insulation voltage for overvoltage category III according to IEC         300 V           S0664 with degree of pollution         3           surge voltage resistance rated value         4 000 V           shock resistance according to IEC 60068-2:27         11g / 15 ms           vibration resistance according to IEC 60068-2:46         1055 Hz: 0.35 mm           mechanical service life (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           electrical endurance (operating cycles) typical         100 000           adjustable time         0.5 10 s           relative setting accuracy relating to full-scale value         15 %           minimum ON period         200 ms           recovery time         150 ms           reference code according to IEC 81346-2         K           reference code according to IEC 81346-2         K           referee peat accuracy         1 %           Substance Prohibitance (Date)         07/01/2006           Product Function         product function star-delta circuit           No         Control supply voltage 1 at AC           e at 60 Hz rated value         24 V           e at 60 Hz rated value         24 V	product component semi-conductor output	No		
Insulation voltage for overvoltage category III according to IEC     300 V       60664 with degree of pollution 3 rated value     4 000 V       surge voltage resistance rated value     4 000 V       shock resistance according to IEC 60068-2:27     11g / 15 ms       vibration resistance according to IEC 60068-2:27     11g / 15 ms       wibration resistance according to IEC 60068-2:41     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       typical     adjustable time     0.5 10 s       relative setting accuracy relating to III-scale value     15 %       minimum ON period     200 ms       recevery time     150 ms       reference code according to IEC 81346-2     K       relative repeat accuracy     1 %       Substance Prohibitance (Date)     07/01/2006       Product Function     70/01/2006       product Function     24 V       e at 50 Hz rated value     24 V       operating range factor control supply voltage rated value at DC     0.85       e initial value     0.85       e initial value     0.85       initial value     0.85       init	product extension required remote control	No		
60064 with degree of pollution 3 rated value       3         degree of pollution 4000 V       shock resistance according to IEC 60068-2-7       11g / 15 ms         vibration resistance according to IEC 60068-2-6       10 55 Hz: 0.35 mm         mechanical service life (operating cycles) typical       10 000 000         electrical endurance (operating cycles) typical       100 000         electrical endurance (operating cycles) typical       100 0000         adjustable time       0.5 10 s         relative setting accuracy rolating to full-scale value       15 %         minimum ON period       200 ms         recovery time       150 ms         reference code according to IEC 81346-2       K         relative repeat accuracy       1 %         Substance Prohibitance (Date)       07/01/2006         Product Function       Top/12/2006         Product Function       Vippe of the control supply voltage         AC/DC       Control supply voltage 1 at AC         • at 60 Hz rated value       24 V         • at 0C rated value       24 V         • at 0C rated value       24 V         • at DC rated value	product extension optional remote control	No		
Surge voltage resistance rated value     4 000 V       shock 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 life (operating cycles) typical     10 0000       electrical endurance (operating cycles) tat AC-15 at 230 V     100 0000       stipte voltage resistance according to IEC 60068-2-4     1055 Hz: 0.35 mm       adjustable time     0.5 10 s       relative setting accuracy relating to full-scale value     15 %       minimum ON period     200 ms       recovery time     150 ms       reference code according to IEC 81346-2     K       relative setting accuracy     1 %       Substance Prohibitance (Date)     07/01/2006       Product Function     15%       product Function     No       Control supply voltage 1 at AC     AC/DC       • at 50 Hz rated value     24 V       • at 60 Hz rated value     24 V		300 V		
shock resistance according to IEC 60068-2-7     11g / 15 ms       vibration resistance according to IEC 60068-2-6     10 55 Hz: 0.35 mm       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       adjustable time     0.5 10 s       relative setting accuracy relating to full-scale value     15 %       minimum ON period     200 ms       recovery time     150 ms       reference code according to IEC 81346-2     K       relative repeat accuracy     1 %       Substance Prohibitance (Date)     07/01/2006       Product Function     To       product Function star-delta circuit     No       Control supply voltage 1 at AC     4C/DC       • at 50 Hz rated value     24 V       • ontrol supply voltage 1     50 60 Hz       • at 50 Hz rated value     24 V       • at 50 Hz rated value     24 V       • at 50 Hz rated value     24 V       • ontrol supply voltage 1     50 60 Hz       • at 0 C rated value     24 V       • ontrol supply voltage 1     24 V       • at 0 C	degree of pollution	3		
vibration resistance according to IEC 60068-2-6     10 55 Hz; 0.35 mm       mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V     100 000       adjustable time     0.5 10 s       relative setting accuracy relating to full-scale value     15 %       minimum ON period     200 ms       recovery time     150 ms       reference code according to IEC 81346-2     K       relative repeat accuracy     1 %       Substance Prohibitance (Date)     07/01/2006       Product Function     0       product function star-delta circuit     No       Control circuit/ Control     No       Control supply voltage 1 at AC     4 V       • at 60 Hz rated value     24 V       • at 60 Hz rated value     24 V       • ontrol supply voltage frequency 1     50 60 Hz       control supply voltage frequency 1     50 60 Hz       control supply voltage frequency 1     50 60 Hz       operating range factor control supply voltage rated value at DC     85       • initial value     0.85       • initial value     0.85       • initial value     1.1       operating range factor control supply voltage rated value at AC at 50 Hz	surge voltage resistance rated value	4 000 V		
mechanical service life (operating cycles) typical     10 000 000       electrical endurance (operating cycles) at AC-15 at 230 V typical     100 000       adjustable time     0.5 10 s       relative setting accuracy relating to full-scale value     15 %       minimum ON period     200 ms       recovery time     150 ms       reference code according to IEC 81346-2     K       relative repeat accuracy     1 %       Substance Prohibitance (Date)     07/01/2006       Product Function     No       control circuit/ Control     No       Control circuit/ Control     AC/DC       control supply voltage 1 at AC     4       • at 50 Hz rated value     24 V       • at 60 Hz rated value     24 V       • at 60 Hz rated value     24 V       • operating range factor control supply voltage rated value at DC     0.85       • initial value     0.85       • initial value     0.85       • initial value     0.85       • initial value     1.1	shock resistance according to IEC 60068-2-27	11g / 15 ms		
electrical endurance (operating cycles) at AC-15 at 230 V       100 000         dijustable time       0.5 10 s         relative setting accuracy relating to full-scale value       15 %         minimum ON period       200 ms         recovery time       150 ms         reference code according to IEC 81346-2       K         relative repeat accuracy       1 %         Substance Prohibitance (Date)       07/01/2006         Product Function       0         product function star-delta circuit       No         Control circuit/ Control       V         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         control supply voltage frequency 1       50 60 Hz         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       24 V         • at 0C rated value       24 V         operating range factor control supply voltage rated value at DC       0.85         • initial value       0.85         • initial value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       1.1	vibration resistance according to IEC 60068-2-6	10 55 Hz: 0.35 mm		
typicaladjustable time0.5 10 srelative setting accuracy relating to full-scale value15 %minimum ON period200 msrecovery time150 msreference code according to IEC 81346-2Krelative repeat accuracy1 %Substance Prohibitance (Date)07/01/2006Product Function07/01/2006Product FunctionNoControl circuit/ ControlKcontrol circuit/ ControlVé voltage of the control supply voltageAC/DCcontrol supply voltage 1 at AC24 V• at 50 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage frequency 150 60 Hz• at DC rated value24 V• at DC rated value1.1 <t< th=""><th>mechanical service life (operating cycles) typical</th><th>10 000 000</th></t<>	mechanical service life (operating cycles) typical	10 000 000		
relative setting accuracy relating to full-scale value       15 %         minimum ON period       200 ms         recovery time       150 ms         reference code according to IEC 81346-2       K         relative repeat accuracy       1 %         Substance Prohibitance (Date)       07/01/2006         Product Function       product function star-delta circuit         product function star-delta circuit       No         Control circuit/ Control       V         type of voltage of the control supply voltage       AC/DC         control supply voltage 1 at AC       4 V         • at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         • at DC rated value       24 V         ootrol supply voltage frequency 1       50 60 Hz         • at DC rated value       24 V         • of LD cated value       24 V         • ot DC rated value       24 V         • operating range factor control supply voltage rated value at DC       0.85         • full-scale value       1.1         • full-scale value		100 000		
minimum ON period200 msrecovery time150 msreference code according to IEC 81346-2Krelative repeat accuracy1 %Substance Prohibitance (Date)07/01/2006Product Function07/01/2006Product function star-delta circuitNoControl circuit/ ControlKC/DCcontrol supply voltage 1 at AC4 V• at 50 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hz• at DC rated value24 V• operating range factor control supply voltage rated value at DC1.1• full-scale value0.85• full-scale value1.1	adjustable time	0.5 10 s		
recovery time       150 ms         reference code according to IEC 81346-2       K         relative repeat accuracy       1 %         Substance Prohibitance (Date)       07/01/2006         Product Function       07/01/2006         product function star-delta circuit       No         Control circuit/ Control       K         type of voltage of the control supply voltage       AC/DC         control supply voltage 1 at AC       4 V         • at 50 Hz rated value       24 V         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       50 60 Hz         • at DC rated value       24 V         control supply voltage frequency 1       50 60 Hz         operating range factor control supply voltage rated value at DC       0.85         • initial value       0.85         • full-scale value       1.1	relative setting accuracy relating to full-scale value	15 %		
reference code according to IEC 81346-2 reflative repeat accuracy 1% Substance Prohibitance (Date) 07/01/2006 Product Function product Function type of voltage of the control supply voltage AC/DC control circuit/ Control type of voltage of the control supply voltage 24 V at 50 Hz rated value 24 V control supply voltage frequency 1 at Control supply voltage frequency 1 at DC rated value 24 V operating range factor control supply voltage rated value at DC initial value 0.85 full-scale value 1.1	minimum ON period	200 ms		
relative repeat accuracy       1 %         Substance Prohibitance (Date)       07/01/2006         Product Function       No         control circuit/ Control       No         control circuit/ Control       AC/DC         control supply voltage 1 at AC       4C/DC         • at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       24 V         • at DC rated value       24 V         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       50 60 Hz         • at DC rated value       24 V         operating range factor control supply voltage rated value at DC       No         • initial value       0.85         • full-scale value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       1.1	recovery time	150 ms		
Substance Prohibitance (Date)     07/01/2006       Product Function     07/01/2006       product function star-delta circuit     No       Control circuit/ Control     KC/DC       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 frequency 1     50 60 Hz       control supply voltage 1     24 V       • at DC rated value     24 V       operating range factor control supply voltage rated value at DC     24 V       • initial value     0.85       • full-scale value     1.1	reference code according to IEC 81346-2	К		
Product Function       No         Control circuit/ Control       No         type of voltage of the control supply voltage       AC/DC         control supply voltage 1 at AC       4         • at 50 Hz rated value       24 V         • at 60 Hz rated value       24 V         • at 60 Hz rated value       24 V         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       24 V         • at DC rated value       0.85         • initial value       0.85         • full-scale value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       1.1	relative repeat accuracy	1 %		
product function star-delta circuit     No       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 frequency 1     50 60 Hz       control supply voltage 1        • at DC rated value     24 V       • at DC rated value     0.85       • initial value     0.85       • full-scale value     1.1	Substance Prohibitance (Date)	07/01/2006		
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 frequency 1       50 60 Hz         control supply voltage 1       40 V         • at DC rated value       24 V         • at DC rated value       24 V         operating range factor control supply voltage rated value at DC       0.85         • initial value       0.85         • full-scale value       1.1	Product Function			
type 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 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 124 V• at DC rated value24 Voperating range factor control supply voltage rated value at DC0.85• full-scale value1.1operating range factor control supply voltage rated value at AC at 50 Hz0.85	product function star-delta circuit	No		
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 frequency 1       50 60 Hz         control supply voltage 1       24 V         • at DC rated value       24 V         operating range factor control supply voltage rated value at DC       24 V         • initial value       0.85         • full-scale value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       0.85	Control circuit/ Control			
• at 50 Hz rated value24 V• at 60 Hz rated value24 Vcontrol supply voltage frequency 150 60 Hzcontrol supply voltage 124 V• at DC rated value24 Voperating range factor control supply voltage rated value at DC0.85• initial value0.85• full-scale value1.1operating range factor control supply voltage rated value at AC at 50 Hz1.1	type of voltage of the control supply voltage	AC/DC		
• at 60 Hz rated value       24 V         control supply voltage frequency 1       50 60 Hz         control supply voltage 1       24 V         • at DC rated value       24 V         operating range factor control supply voltage rated value at DC       0.85         • full-scale value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       0.85	control supply voltage 1 at AC			
control supply voltage frequency 1       50 60 Hz         control supply voltage 1       24 V         • at DC rated value       24 V         operating range factor control supply voltage rated value at DC       0.85         • initial value       0.85         • full-scale value       1.1         operating range factor control supply voltage rated value at AC at 50 Hz       C	• at 50 Hz rated value	24 V		
control supply voltage 1     24 V       • at DC rated value     24 V       operating range factor control supply voltage rated value at DC     0.85       • full-scale value     1.1       operating range factor control supply voltage rated value at AC at 50 Hz     0.85	● at 60 Hz rated value	24 V		
• at DC rated value     24 V       operating range factor control supply voltage rated value at DC     0.85       • initial value     0.85       • full-scale value     1.1	control supply voltage frequency 1	50 60 Hz		
operating range factor control supply voltage rated value at DC     0.85       • initial value     0.85       • full-scale value     1.1       operating range factor control supply voltage rated value at AC at 50 Hz     0.85	control supply voltage 1			
DC     • initial value     0.85       • full-scale value     1.1       operating range factor control supply voltage rated value at AC at 50 Hz     Image: Control supply voltage rated value at AC at 50 Hz		24 V		
• full-scale value     • full-scale value     1.1  operating range factor control supply voltage rated value at AC at 50 Hz				
operating range factor control supply voltage rated value at AC at 50 Hz	• initial value	0.85		
AC at 50 Hz	• full-scale value	1.1		
• initial value 0.85				
	initial value	0.85		

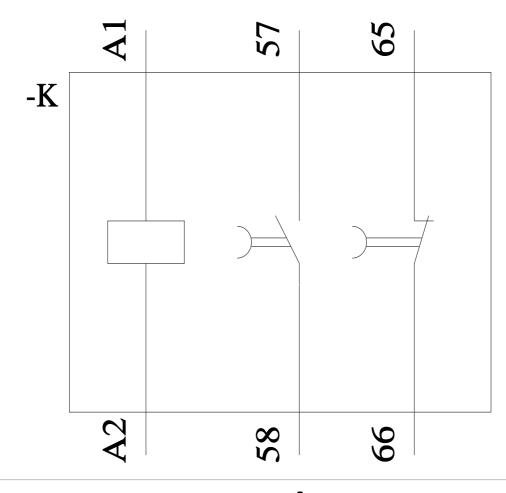
• full-scale value	1.1
operating range factor control supply voltage rated value at	
AC at 60 Hz	
• initial value	0.85
• full-scale value	1.1
Switching Function	
switching function	
ON-delay	No
<ul> <li>ON-delay/instantaneous contact</li> </ul>	No
<ul> <li>passing make contact</li> </ul>	No
<ul> <li>passing make contact/instantaneous contact</li> </ul>	No
OFF delay	Yes
switching function	
<ul> <li>flashing symmetrically with interval start/instantaneous</li> </ul>	No
<ul> <li>flashing symmetrically with interval start</li> </ul>	No
<ul> <li>flashing symmetrically with pulse start/instantaneous</li> </ul>	No
<ul> <li>flashing symmetrically with pulse start</li> </ul>	No
<ul> <li>flashing asymmetrically with interval start</li> </ul>	No
flashing asymmetrically with pulse start	No
switching function	
constant clock cycle with pulse start	No
constant clock cycle with interval start	No
switching function	
variably clocked with pulse start	No
variably clocked with interval start	No
switching function	No
<ul> <li>star-delta circuit with delay time</li> <li>star-delta circuit</li> </ul>	No
star-oetta circuit     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
<ul> <li>pulse-shaping/instantaneous</li> </ul>	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay	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	No
signal/instantaneous contact	
retrotriggerable with switched-on control signal	No
<ul> <li>retrotriggerable with switched-on control signal/instantaneous contact</li> </ul>	No
retriggerable with deactivated control signal	No
design of the control terminal non-floating	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 4 A
Auxiliary circuit	
number of NC contacts	
<ul> <li>delayed switching</li> </ul>	1
instantaneous contact	0
number of NO contacts	
delayed switching	1
instantaneous contact	0
number of CO contacts	

<ul> <li>delayed switching</li> </ul>	0
instantaneous contact	0
operational current of auxiliary contacts at AC-15	0
maximum	3 A
operational current of auxiliary contacts as NC contact at	38
AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts as NO contact 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
Inputs/ Outputs	
product function	
at the relay outputs switchover delayed/without delay	No
non-volatile	No
Electromagnetic compatibility	
EMC immunity according to IEC 61812-1	EN 61000-6-2
conducted interference	
due to burst according to IEC 61000-4-4	2 kV network connection / 1 kV control connection
• due to conductor-earth surge according to IEC 61000-4-5	2 kV
due to conductor-conductor surge according to IEC     61000-4-5	1 kV
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
protection class IP on the front according to IEC 60529	IP20
· · · · · · · · · · · · · · · · · · ·	
type of insulation	Basic insulation
type of insulation category according to EN 954-1	Basic insulation none
type of insulation category according to EN 954-1 Connections/ Terminals	none
type of insulation category according to EN 954-1	
type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and	none
type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit	none No
type of insulation category according to EN 954-1 Connections/ Terminals product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	none No screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )
type of insulation category according to EN 954-1 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 No screw-type terminals
type of insulation category according to EN 954-1 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	none No screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> )
type of insulation category according to EN 954-1 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	none No screw-type terminals 1x (0.5 4.0 mm <sup>2</sup> ), 2x (0.5 2.5 mm <sup>2</sup> ) 1x (0.5 2.5 mm <sup>2</sup> ), 2x (0.5 1.5 mm <sup>2</sup> )
type of insulation category according to EN 954-1 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	none         No         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)
type of insulation category according to EN 954-1 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	none         No         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 m²
type of insulation category according to EN 954-1 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	none         No         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)
type of insulation category according to EN 954-1 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	none         No         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 m²
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing	none         No         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 m²
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded	none         No         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 m²         0.5 2.5 m²
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing • solid • solid	none         No         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 m²         0.5 2.5 m²         18 14
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position	none         No         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 m²         0.5 2.5 m²         18 14         18 14         any
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method	none         No         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 m²         0.5 2.5 m²         18 14         18 14         any         clip-on
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height	none         No         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 m²         0.5 2.5 m²         18 14         18 14         18 14         46 mm
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing • solid • stranded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width	none         No         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 m²         0.5 2.5 m²         18 14         18 14         any         clip-on         46 mm         33 mm
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth	none         No         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 m²         0.5 2.5 m²         18 14         18 14         18 14         46 mm
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	none         No         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 m²         0.5 2.5 m²         18 14         18 14         any         clip-on         46 mm         33 mm
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	none         No         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 m²         0.5 4 m²         0.5 2.5 m²         18 14         18 14         any         clip-on         46 mm         33 mm         73 mm
type of insulation category according to EN 954-1 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 • solid • finely stranded with core end processing AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards	none           No           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 m²           0.5 2.5 m²           18 14           18 14           18 14           0.7 14           0.7 14           0.7 14           0.7 14           0.7 14           18 14           18 14           18 14           18 14           18 14           0 m
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	none           No           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)           2x (20 14)           0.5 4 m²           0.5 2.5 m²           18 14           18 14           18 14           33 mm           73 mm           0 m
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards	none           No           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)           2x (20 14)           0.5 4 m²           0.5 4 m²           0.5 2.5 m²           18 14           18 14           18 14           0.7 m           0 m           0 m           0 m
type of insulation category according to EN 954-1 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 AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	none           No           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)           2x (20 14)           0.5 4 m²           0.5 2.5 m²           18 14           18 14           18 14           33 mm           73 mm           0 m

<ul> <li>for grounded parts</li> <li>forwards</li> <li>backwards</li> <li>upwards</li> <li>at the side</li> </ul>						
<ul><li>backwards</li><li>upwards</li><li>at the side</li></ul>						
— upwards — at the side			0 m			
— at the side			0 m			
			0 m			
			0 m			
- downwards			0 m			
<ul> <li>for live parts</li> </ul>						
— forwards			0 m			
- backwards			0 m			
— upwards			0 m			
- downwards			0 m			
— at the side			0 m			
Ambient conditions						
installation altitude at height	t above sea level max	kimum	2 000 m			
ambient temperature						
during operation		-25 +60 °	°C			
<ul> <li>during storage</li> </ul>			-40 +85 °	°C		
<ul> <li>during transport</li> </ul>			-40 +85 °	°C		
relative humidity during oper	eration		15 95 %			
Certificates/ approvals						
General Product Approva	ıl					EMC
(SP)	Confirmation			Ű	EAC	
Declaration of Conformity	UK	Test Certificate	ertific- Ty	pe Test Certific- es/Test Report	Marine / Shipping	6
					a ration	
EG-Konf.	CA	other			ABS	PRS
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		other <u>Confirmatio</u>	n l	<u>Viscellaneous</u>	ABS Railway Special Test Certific- ate	PRS
			<u>n j</u>	<u>Miscellaneous</u>	Special Test Certific-	PRS
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