## SIEMENS

## Data sheet

## 3RS2600-1BW30



Temperature monitoring relay with display for resistance temperature sensors and thermocouples, 24 - 240 V AC/DC Width 22.5 mm, 2 change-over contacts, screw terminal

Fil	1110	0.0	imi	lar
	yuı	63		1 CU

product brand name	SIRIUS		
product designation	Temperature monitoring relay		
design of the product	Digital device, 1 sensor, 2 threshold values		
product type designation	3RS2		
General technical data			
product function	temperature monitoring		
display version LED	No		
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V		
test voltage for isolation test	4 kV		
degree of pollution	3		
protection class IP	20		
shock resistance according to IEC 60068-2-27	11g / 15 ms		
switching behavior	monostable		
mechanical service life (operating cycles) typical	10 000 000		
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000		
thermal current of the switching element with contacts maximum	5 A		
certificate of suitability relating to ATEX	Yes, with sensor extension module 3RS29		
reference code according to IEC 81346-2	К		
influence of the surrounding temperature	0.05% per K deviation from T20		
measurable temperature			
initial value	-99 °C		
full-scale value	1 800 °C		
measurable Fahrenheit temperature			
initial value	-146 °F		
• full-scale value	3 276 °F		
Substance Prohibitance (Date)	05/01/2012		
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5		
product function			
error memory	Yes		
external reset	Yes		
design of the sensor connectable	Resistance sensors: Pt100, Pt1000, KTY83-110, KTY84, NTC Thermocouples: Type J, K, T, E, N, S, R, B		
measurable temperature with KTY-sensor maximum	300 °C		
sensor current with KTY-sensor	0.33 mA		
Control circuit/ Control			
type of voltage of the control supply voltage	AC/DC		

control supply voltage at AC			
• at 50 Hz rated value	24 240 V		
at 60 Hz rated value	24 240 V		
control supply voltage 1 at AC			
• at 50 Hz rated value	24 V		
• at 50 Hz	24 240 V		
• at 60 Hz rated value	24 V		
• at 60 Hz	24 240 V		
control supply voltage 2 at AC			
• at 50 Hz rated value	24 V		
at 60 Hz rated value	24 V		
control supply voltage at DC rated value	24 240 V		
control supply voltage 1			
• at DC rated value	24 V		
• at DC	24 240 V		
operating range factor control supply voltage rated value at DC			
initial value	0.85		
full-scale value	1.1		
operating range factor control supply voltage rated value at			
AC at 50 Hz			
initial value	0.85		
• full-scale value	1.1		
operating range factor control supply voltage rated value at AC at 60 Hz			
● initial value	0.85		
● full-scale value	1.1		
supply voltage frequency for auxiliary and control circuit	50 60 Hz		
number of measuring circuits	1		
buffering time in the event of power failure minimum	20 ms		
Precision			
relative metering precision	1 %		
relative metering precision	1 70		
Short-circuit protection	1 /0		
	1 70		
Short-circuit protection	gL/gG: 6 A or MCB type C: 1 A		
Short-circuit protection design of the fuse link • for short-circuit protection of the NO contacts of the relay			
Short-circuit protection design of the fuse link • for short-circuit protection of the NO contacts of the relay outputs required • for short circuit protection of the NC contacts of the relay	gL/gG: 6 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required	gL/gG: 6 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protectool         Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         outputs of CO contacts for auxiliary contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0 2		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V	gL/gG: 6 A or MCB type C: 1 A         gL/gG: 6 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         No         AgSnO2         0         2         1 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V         • at 125 V	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0 2 1 A 0.2 A		
Short-circuit protection design of the fuse link • for short-circuit protection of the NO contacts of the relay outputs required • for short circuit protection of the NC contacts of the relay outputs required design of the fuse link • for short-circuit protection of the NO contacts of the relay outputs safety-related required • for short circuit protection of the NC contacts of the relay outputs safety-related required • for short circuit protection of the NC contacts of the relay outputs safety-related required Communication/ Protocol protocol is supported IO-Link protocol Auxiliary circuit material of switching contacts number of NC contacts for auxiliary contacts number of CO contacts for auxiliary contacts number of CO contacts for auxiliary contacts operational current of auxiliary contacts at DC-13 • at 24 V • at 125 V • at 250 V	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0 2 1 A 0.2 A 0.1 A one incorrect switching operation of 100 million switching operations (17 V, 5		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V         • at 250 V         contact reliability of auxiliary contacts	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No No AgSnO2 0 0 0 2 1 A 0.2 A 0.1 A 0.2 A 0.1 A one incorrect switching operation of 100 million switching operations (17 V, 5 mA)		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts at DC-13         • at 24 V         • at 250 V         contact reliability of auxiliary contacts         contact rating of auxiliary contacts according to UL	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No AgSnO2 0 0 2 1 A 0.2 A 0.1 A 0.2 A 0.1 A one incorrect switching operation of 100 million switching operations (17 V, 5 mÅ) R300 / B300		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V         • at 250 V         contact reliability of auxiliary contacts         contact rating of auxiliary contacts according to UL         operating frequency rated value	gL/gG: 6 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         No         AgSnO2         0         2         1 A         0.2 A         0.1 A         one incorrect switching operation of 100 million switching operations (17 V, 5 mA)         R300 / B300         50 60 Hz		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V         • at 250 V         contact reliability of auxiliary contacts         contact reliability of auxiliary contacts         contact reliability of auxiliary contacts         autor of the output relay at AC-15 at 250 V at 50/60 Hz	gL/gG: 6 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         gL/gG: 2 A or MCB type C: 1 A         No         AgSnO2         0         2         1 A         0.2 A         0.1 A         one incorrect switching operation of 100 million switching operations (17 V, 5 mA)         R300 / B300         50 60 Hz		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short circuit protection of the NC contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 24 V         • at 250 V         contact reliability of auxiliary contacts         contact reliability of auxiliary contacts         contact reliability of auxiliary contacts         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         ampacity of the output relay at DC-13	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No AgSnO2 0 0 0 2 1 A 0.2 A 0.1 A one incorrect switching operation of 100 million switching operations (17 V, 5 mA) R300 / B300 50 60 Hz 3 A		
Short-circuit protection         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs required         • for short circuit protection of the NC contacts of the relay outputs required         design of the fuse link         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         • for short-circuit protection of the NO contacts of the relay outputs safety-related required         Communication/ Protocol         protocol is supported IO-Link protocol         Auxiliary circuit         material of switching contacts         number of NC contacts for auxiliary contacts         number of CO contacts for auxiliary contacts         operational current of auxiliary contacts at DC-13         • at 25 V         • at 250 V         contact reliability of auxiliary contacts         contact reliability of auxiliary contacts         ampacity of the output relay at AC-15 at 250 V at 50/60 Hz         ampacity of the output relay at DC-13         • at 24 V	gL/gG: 6 A or MCB type C: 1 A gL/gG: 6 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A gL/gG: 2 A or MCB type C: 1 A No AgSnO2 0 0 2 1 A 0.2 A 0.1 A 0 ne incorrect switching operation of 100 million switching operations (17 V, 5 mA) R300 / B300 50 60 Hz 3 A 1 A		

relay			
continuous current of DIAZED fuse link of the output relay	2 A		
safety-related			
Electromagnetic compatibility	0L B		
EMC emitted interference according to IEC 60947-1	Class B		
conducted interference	212/(power parts) = 412/(pirc - 1 + 1)		
<ul> <li>due to burst according to IEC 61000-4-4</li> <li>due to conductor-earth surge according to IEC 61000-4-5</li> </ul>	2 kV (power ports), 1 kV (signal ports) 2 kV (line to ground)		
due to conductor-conductor surge according to IEC			
61000-4-5	1 kV (line to line)		
field-based interference according to IEC 61000-4-3	10 V/m		
electrostatic discharge according to IEC 61000-4-2	6 kV contact discharge / 8 kV air discharge		
Galvanic isolation			
design of the electrical isolation	galvanic isolation		
galvanic isolation			
<ul> <li>between input and output</li> </ul>	Yes		
<ul> <li>between the outputs</li> </ul>	Yes		
<ul> <li>between the voltage supply and other circuits</li> </ul>	Yes		
Safety related data			
SIL Claim Limit (subsystem) according to EN 62061	1		
performance level (PL) according to EN ISO 13849-1	C		
category according to EN ISO 13849-1	1		
Safe failure fraction (SFF)	66 %		
hardware fault tolerance according to IEC 61508	0		
T1 value for proof test interval or service life according to IEC 61508	20 a		
Connections/ Terminals			
product component removable terminal for auxiliary and control circuit	Yes		
type of electrical connection	screw-type terminals		
<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals		
type of connectable conductor cross-sections			
• solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 4 mm²), 2x (0.5 2.5 mm²)		
<ul> <li>for AWG cables solid</li> </ul>	1x (20 12), 2x (20 14)		
connectable conductor cross-section			
• solid	0.5 4 mm²		
<ul> <li>finely stranded with core end processing</li> </ul>	0.5 4 mm²		
AWG number as coded connectable conductor cross section			
• solid	20 12		
• stranded	20 12		
tightening torque with screw-type terminals	0.6 0.8 N·m		
Installation/ mounting/ dimensions			
mounting position	any		
fastening method	screw and snap-on mounting onto 35 mm DIN rail		
height	100 mm		
width	22.5 mm		
depth	90 mm		
required spacing			
with side-by-side mounting			
— forwards	0 mm		
— backwards	0 mm		
— upwards	0 mm		
— downwards	0 mm		
— at the side	0 mm		
<ul> <li>for grounded parts</li> </ul>			
— forwards	0 mm		
— backwards	0 mm		
— upwards	0 mm		
apraido			
— at the side	0 mm		

<ul> <li>for live parts</li> </ul>						
— forwards		0 mm				
— backwards		0 mm				
— upwards			0 mm			
- downwards	3		0 mm			
— at the side			0 mm			
Ambient conditions						
installation altitude at height above sea level maximum			2 000 m			
ambient temperature						
<ul> <li>during operation</li> </ul>			-25 +60 °C			
<ul> <li>during storage</li> </ul>			-40 +85 °C			
<ul> <li>during transport</li> </ul>			-40 +85 °C			
relative humidity during	operation		70 %			
explosion protection	category for dust		Ex II (2) D [b1] [Ex h] [pyb] [tb] [mb] [kb] [sb] III C Db			
explosion protection	category for gas		Ex II (2) G [b1] [Ex h] [db] [el	b] [pyb] [mb] [ob] [q] [kb] [sb	] II C Gb	
Approvals Certificates						
General Product App	roval			EMC	For use in hazard- ous locations	
		Ű	EHC	RCM	Certificate	
For use in hazard- ous locations	Functional Safety/Safety of Ma- chinery	Declaration of (	Conformity	Test Certificates	Marine / Shipping	
K ATEX	<u>Type Examination Cer-</u> <u>tificate</u>	CE EG-Konf.	UK CA	Special Test Certific- ate		
Marine / Shipping	other	Railway				
	<u>Confirmation</u>	<u>Confirmation</u>	1			
Further information	to exit the Russian mark					

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RS2600-1BW30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS2600-1BW30

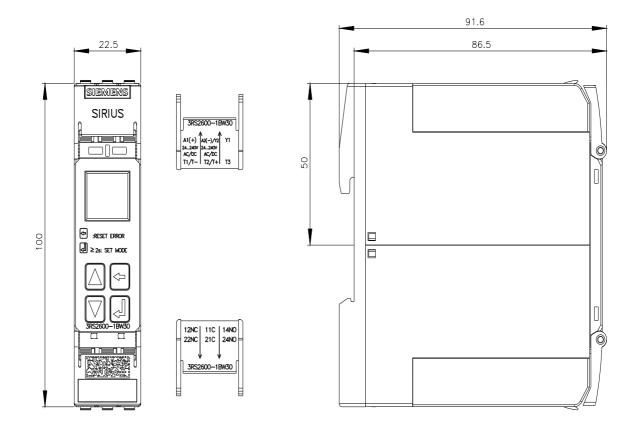
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

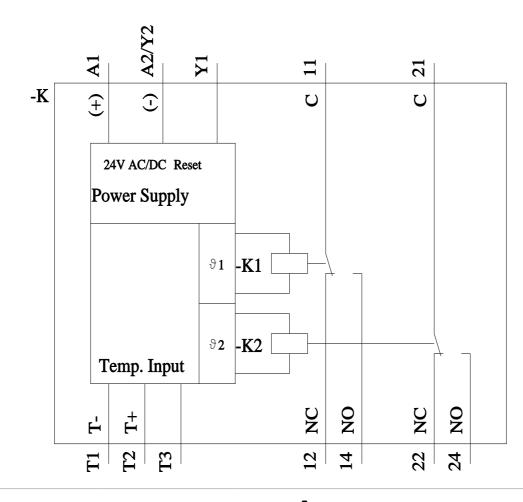
https://support.industry.siemens.com/cs/ww/en/ps/3RS2600-1BW30

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RS2600-1BW30&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RS2600-1BW30/manual





## last modified:

8/11/2023 🖸