

B&R Revision Information

Version ARSGC_2.32.22_V2.32 Automation Runtime SGC Upgrade (V2.32)

01-Sep-2011

Contents

<u>B&R Revision Information (01.09.2011)Version ARSGC_2.32.22_V2.32 Automation Runtime SGC Upgrade (V2.32)</u>	1
<u>Contents</u>	1
<u>Requests and problems by product and version</u>	1
<u>1A4000.02 (2.1 Automation Runtime SGC)</u>	1
<u>Requests and problems by product/component</u>	1
<u>1A4000.02 (2.1 Automation Runtime SGC)</u>	1
<u>AR – General SGC</u>	1
<u>Firmware</u>	1
<u>Library – DataObject</u>	1
<u>Library – DM lib</u>	2
<u>Library – Standard</u>	2

B&R Revision Information (01.09.2011)

Version ARSGC_2.32.22_V2.32 Automation Runtime SGC Upgrade (V2.32)

The current revision information can be downloaded from the B&R Homepage download area (<http://www.br-automation.com/download>).

Contents

- [Requests and problems by product/version](#)
- [Requests and problems by product/component](#)

Requests and problems by product and version

1A4000.02 (2.1 Automation Runtime SGC)

ID	valuation	solved since	known since	Description
264890	Problem	–	ARSGC_2.31.5.E02.31	X20CP0291: new firmware V43
264885	Problem	–	ARSGC_2.31.5.E02.31	X20CP0292: new firmware V43
264880	Problem	–	ARSGC_2.31.5.E02.31	X20XC0292: new firmware V43
400068517	Problem	ARSGC_2.32.6.F02.32	ARSGC_2.31.6.F02.31	Changing the number of configured task classes can cause an error when booting the system (27352 – Error generating a task class)
400063995	Problem	ARSGC_2.32.5.E02.32	ARSGC_2.31.6.F02.31	If DM_Lib function blocks are used to write to the user flash of the SGC CPU, after some time a locking problem results in Error 6025 – "Checksum of system management table destroyed".
400039589	Problem	ARSGC_2.32.5.E02.32	ARSGC_2.01.7.G02.01	Sporadic error with TON_10ms
400060158	Problem	ARSGC_2.32.2.B02.32	ARSGC_2.31.5.E02.31	I/O outputs are set although the target is in service mode
400056097	Problem	ARSGC_2.32.2.B02.32	ARSGC_2.31.4.D02.31	When generating data objects in the target memories USRRROM and SYSROM using the function blocks DataObjCopy() and DataObjMove(), Error 20604 "Error installing data object" is returned.

Requests and problems by product/component

1A4000.02 (2.1 Automation Runtime SGC)

AR – General SGC

ID#400068517 : solved problem, known since ARSGC_2.31.6.F02.31, solved since ARSGC_2.32.6.F02.32

Changing the number of configured task classes can cause an error when booting the system (27352 – Error generating a task class)

ID#400060158 : solved problem, known since ARSGC_2.31.5.E02.31, solved since ARSGC_2.32.2.B02.32

I/O outputs are set although the target is in service mode

Firmware

ID#264890 : known problem since ARSGC_2.31.5.E02.31, correction planned for ARSGC_2.32.6.F02.32

X20CP0291: new firmware V43

- solved problem that occurred in projects that have no X2X modules but a long X2X cycle time (A&P 181220)
- UdpSend error number if port number = 0 (A&P 246075)
- ip address has been used even after the DHCP lease has been expired (A&P 257895)
- using default host name for DHCP (= "BR006065xxxxxx", where xxxxxx = the last 6 digits of the MAC address)

ID#264885 : known problem since ARSGC_2.31.5.E02.31, correction planned for ARSGC_2.32.6.F02.32

X20CP0292: new firmware V43

- solved problem that occurred in projects that have no X2X modules but a long X2X cycle time (A&P 181220)
- UdpSend error number if port number = 0 (A&P 246075)
- ip address has been used even after the DHCP lease has been expired (A&P 257895)
- using default host name for DHCP (= "BR006065xxxxxx", where xxxxxx = the last 6 digits of the MAC address)

ID#264880 : known problem since ARSGC_2.31.5.E02.31, correction planned for ARSGC_2.32.6.F02.32

X20XC0292: new firmware V43

- solved problem that occurred in projects that have no X2X modules but a long X2X cycle time (A&P 181220)
- UdpSend error number if port number = 0 (A&P 246075)
- ip address has been used even after the DHCP lease has been expired (A&P 257895)
- using default host name for DHCP (= "BR006065xxxxxx", where xxxxxx = the last 6 digits of the MAC address)

Library – DataObject

ID#400056097 : solved problem, known since ARSGC_2.31.4.D02.31, solved since ARSGC_2.32.2.B02.32

When generating data objects in the target memories USRRROM and SYSROM using the function blocks DataObjCopy() and DataObjMove(), Error 20604 "Error installing data object" is returned.

Library – DM_lib

ID#400063995 : solved problem, known since ARSGC_2.31.6.F02.31, solved since ARSGC_2.32.5.E02.32

If DM_Lib function blocks are used to write to the user flash of the SGC CPU, after some time a locking problem results in Error 6025 – "Checksum of system management table destroyed".

Library – Standard

ID#400039589 : solved problem, known since ARSGC_2.01.7.G02.01, solved since ARSGC_2.32.5.E02.32

Sporadic error with TON_10ms

The elapsed time of the FUBs can sometimes sporadically jump to PT, causing the FUB output to be set.