Choose certainty.
Add value.

Annex 1
of the
Report to the Certificate

M6A 106824 0001 Rev. 02

Z10 106824 0002 Rev. 02

Drive System

SOMANET servo drive: Safety functions STO and SBC as part of the SOMANET Node 400/1000/2000 and SOMANET Circulo 7/9
and
SOMANET Circulo 7/9 Safe Motion Module

Manufacturer:

Synapticon GmbH
Steinbeisstraße 1
D-71101 Schönaich

Report No.: SS94610C
Revision 1.2 of the annex, dated 2023-04-13

Testing Body:

TÜV SÜD Rail GmbH
Barthstraße 16
D-80339 München

Certification Body:
TÜV Süd Product Service GmbH
Ridlerstraße 65
D-80339 München

Content

Revision Log

Revision	Name	Date	Changes/History
1.0	K. Leupold	2019-12-19	Initial
1.1	K. Leupold	2021-02-03	Include SOMANET Circulo 7/9 SS96242T
1.2	K. Leupold	2023-04-13	Include SOMANET Circulo Safe Motion Module SS100550T

1 Safety-Certified Components

The following variants are covered by Certificate no. M6A 106824 0001,
Z10 106824 0002 and the report to the certificate, report no. SS94610C.
The following system components are certified ‘safety-related’. This allows the components to be used to process safety critical signals and functions.

2 Software

2.1 Diagnostics Module

Filename	Safety-Firmware-Version
safety.h	V1.1.0
Module_safety.xc	V1.1.0

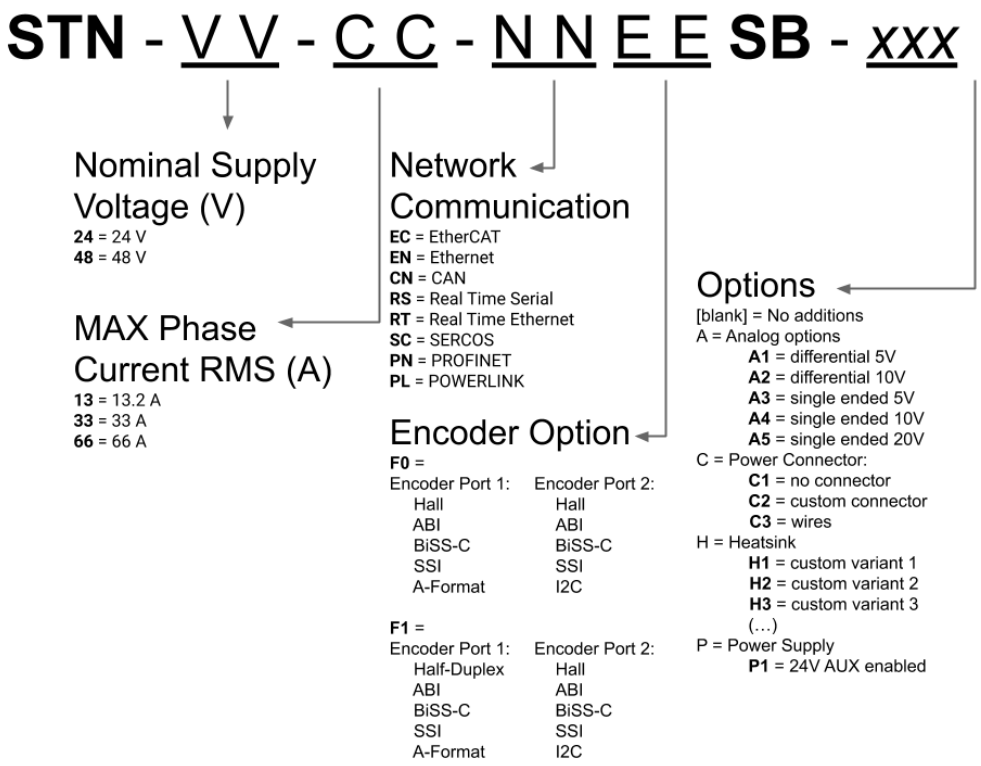
2.2 Safe Motion Module

Filename	Safety-Firmware-Version
40701_RELEASE_MCUa_V1.0.bin Checksum: 0xC2800F04 40701_RELEASE_MCUb_V1.0.bin Checksum: 0x8F9519E0 40701_RELEASE_Update_V1.0.bin Checksum: 0xCD17679F	V1.0

3 Hardware

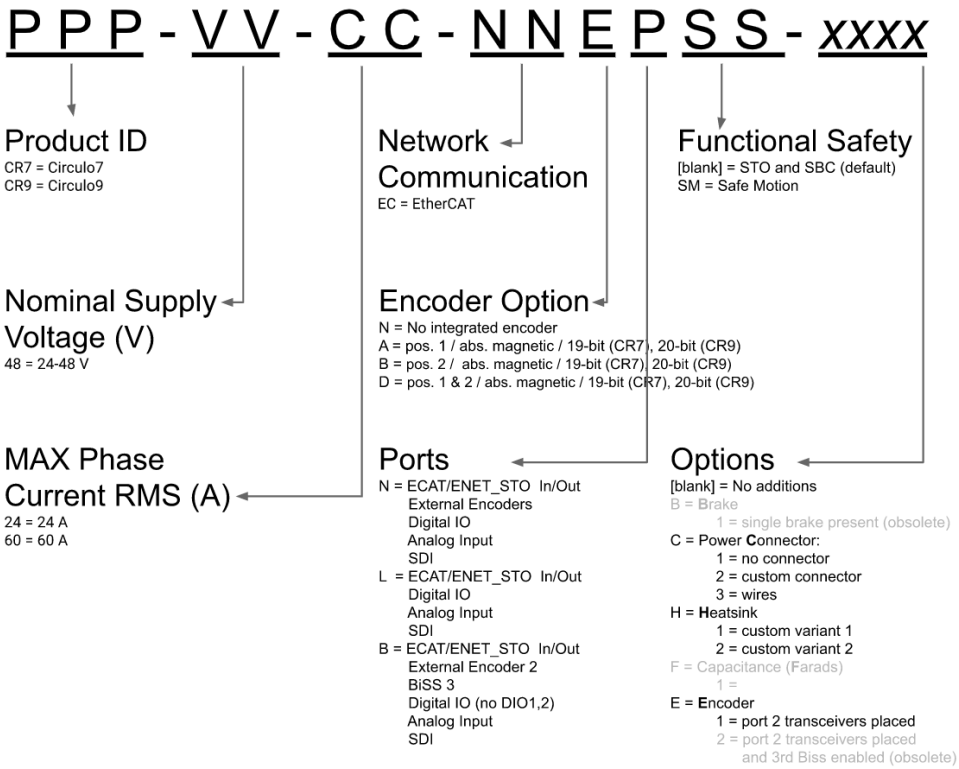
3.1 SOMANET Node 400/1000/2000 Safety

Model Name	Model Part Number	Version
SOMANET Node Safety	STN-xx-xx-xxxxSB-xxx	A.3 (SOMANET Safety Module)



3.2 SOMANET Circulo 7/9

Model Name	Model Part Number	Version
SOMANET Circulo 7	CR7-xx-xx-xxxx xx-xxx	B.3:01 / B.4:01 (Circulo 7 Control Module) C.1:01 (Circulo 7 Connector Module) C.1.00 (Circulo 7 Drive Module) B.2:00 (Circulo 7 Safe Motion Module)
SOMANET Circulo 9	CR9-xx-xx-xxxx xx-xxx	B.3:01 / B.4:01 (Circulo 9 Control Module) C.1.00 (Circulo 9 Connector Module) C.1:00 (Circulo 9 Drive Module) B.2:00 (Circulo 9 Safe Motion Module)



Munich, 2023-04-13

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Datum: 2023.04.13 14:28:06 +02'00'

P. Weiß
Technical Certifier