

Certificate

ID-Number: TRRC/CB 23/169-V01_EN

Functional safety of the signal safeguarding facilities of types sX-L, sX-LC, sX-LX

The owner of the certificate has demonstrated that the object of conformity assessment fulfils the stated assessment principles. The assessment and certification was carried out according to TÜV Rheinland's internal methodology "M05-B" and "M05-CertB".

Owner of Certificate: Fa. YUNEX GmbH
Otto-Hahn-Ring 6
81739 München

Manufacturer: Fa. YUNEX GmbH
Otto-Hahn-Ring 6
81739 München

Object of Conformity Assessment: Signal safeguarding facilities of types sX-L, sX-LC, sX-LX

Board(s)	Part No.	Firmware	Device(s)
CBU	S24734-A870-A10	V03.04.00.00-0010	sX-L, sX-LC, sX-LX
CPDL16	S24734-A885-A1	V00.00.00.11	sX-L, sX-LC, sX-LX
CPDL25	S24734-A885-A2	V00.00.00.11	sX-L, sX-LC, sX-LX
LSLS	S24734-A752-A1	V00.00.07.00 / V00.00.09.00	sX-L, sX-LC, sX-LX
CDBL	S24734-A873-A1	--	sX-L, sX-LC, sX-LX
CEB	S24734-A875-A1	--	sX-LX

Bases of Assessment: DIN EN 50556:2019, DIN EN 50293:2013,
DIN VDE 0832-110:2021, DIN VDE V 0832-500:2016,
DIN EN 12675:2017, SIL3 acc. to EN 61508:2010

Associated Assessment Report(s) / Date¹: TRRC/B 23/169-V1.0, 2023-03-15

Conditions: The safety-related application conditions in the version 1.0 of the Yunex document "Sicherheitsbezogene Anwendungsbedingungen" shall be observed for road traffic signal systems as cited in chapter 4.10 of the Assessment Report TRRC/B 23/169-V1.0.

Validity: This certificate is valid unlimited as long as the object of conformity assessment remains unchanged.

Issued: 2023-03-15

TÜV Rheinland Rail Certification B.V.
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(AG Köln HRB 88183, Registered Branch of
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Peter Wigger
2023.03.20
13:50:35 +01'00'
Certifier¹
(Peter Wigger)

¹ Advanced electronic signature, in accordance with Art. 25 and Art. 26 of (EU) regulation 910/2014 (eIDAS Regulation)