



IECEX Quality Assessment Report Summary

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

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QAR Free Ref. No.: **ZQS/E300/24** Status: **Issued**
Details of change: **Sharpening of scope** Date of issue: **2024-11-07**
Location(s) audited: **R. STAHL Schaltgeräte GmbH** Valid until: **2027-08-22**
Am Bahnhof 30
74638 Waldenburg
Germany Audit date: **2024-08-07**

R. STAHL Schaltgeräte GmbH
Nordstraße 10
99427 Weimar
Germany

R. STAHL PRIVATE LIMITED
Plot No. 5, Malrosapuram Main Road
Sengundram Industrial Area
Singaperumal Koil
Chengalpattu District
Tamil Nadu - 603204
India

R. STAHL, INC
13259 N. Promenade Blvd.
Stafford, TX 77477
United States of America

Electromach B.V.
Jan Tinbergenstraat 193
7559 SP Hengelo
Netherlands

Issuing ExCB: **BVS - DEKRA Testing and Certification GmbH**

Manufacturer: **R. STAHL Schaltgeräte GmbH**
Am Bahnhof 30
74638 Waldenburg, Germany

Location of
Manufacturer: **Germany**

Product information: Automation Interfaces and solutions, Air conditioning units, Grounding monitoring devices and systems, Plugs and Sockets, Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards, Enclosures, Ethernet-APL Field Switches, EX p Systems, Fieldbus technology, Isolators, Junction and Terminal Boxes, Luminaires, Signaling Devices, Networking technology, Remote I/O

Type of protection: **Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Type of protection "nA", "nC", "nR" Encapsulation "m" Protection by enclosure "t" Optical radiation "op is/pr" Pressurized enclosure "p" Powder filling "q" Electrical resistance trace heating In case of the related certificate IECEx BVS 17.0078U the type of protection "s" is covered by the requirements for type of protection Flameproof enclosure "d".**

Related QARs:

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[DE/BVS/QAR10.0002/12](#)
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[DE/BVS/QAR10.0002/18](#)

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Related Certificates (manual insertion)::

Related Certificates (automatic linking)::

IECEX PTB 09.0011U issue: 2
IECEX PTB 13.0047U issue: 5
IECEX IBE 12.0029U issue: 2
IECEX DEK 17.0044X issue: 4
IECEX DEK 11.0080U issue: 3

IECEX PTB 24.0009X issue: 0
IECEX TUR 23.0049X issue: 0
IECEX DEK 17.0044X issue: 3
IECEX EPS 20.0083X issue: 2

IECEX PTB 14.0011X issue: 3
IECEX BVS 10.0050X issue: 2
IECEX DEK 16.0010X issue: 2
IECEX FMG 20.0041U issue: 1

Related Certificates for
previous versions:

IECEX BAS 05.0086X issue: 9
IECEX BAS 08.0061X issue: 3
IECEX BAS 08.0062X issue: 3
IECEX BAS 08.0089X issue: 5
IECEX BAS 13.0003 issue: 0
IECEX BAS 13.0003 issue: 3
IECEX BAS 13.0005X issue: 2
IECEX BAS 14.0064 issue: 1
IECEX BVS 06.0004X issue: 1
IECEX BVS 07.0002 issue: 3
IECEX BVS 07.0023X issue: 3
IECEX BVS 07.0029U issue: 2
IECEX BVS 08.0032 issue: 2
IECEX BVS 08.0039U issue: 2
IECEX BVS 08.0050X issue: 1
IECEX BVS 08.0050X issue: 4
IECEX BVS 08.0057X issue: 1
IECEX BVS 08.0057X issue: 4
IECEX BVS 09.0002X issue: 2
IECEX BVS 09.0041X issue: 2
IECEX BVS 09.0042X issue: 1
IECEX BVS 09.0043X issue: 1
IECEX BVS 09.0046X issue: 2
IECEX BVS 10.0011X issue: 2
IECEX BVS 10.0042X issue: 2
IECEX BVS 10.0055X issue: 0
IECEX BVS 10.0061X issue: 0
IECEX BVS 11.0015X issue: 2
IECEX BVS 11.0038U issue: 0
IECEX BVS 11.0038U issue: 3
IECEX BVS 11.0054X issue: 1
IECEX BVS 11.0059X issue: 1
IECEX BVS 11.0089X issue: 0
IECEX BVS 12.0001X issue: 1
IECEX BVS 12.0081X issue: 0
IECEX BVS 13.0067U issue: 0
IECEX BVS 13.0067U issue: 3
IECEX BVS 13.0092X issue: 1
IECEX BVS 13.0095X issue: 0
IECEX BVS 13.0110 issue: 0
IECEX BVS 14.0046X issue: 0
IECEX BVS 14.0062U issue: 0
IECEX BVS 14.0071X issue: 1
IECEX BVS 14.0071X issue: 4
IECEX BVS 14.0084X issue: 1
IECEX BVS 14.0113 issue: 0
IECEX BVS 15.0013X issue: 1
IECEX BVS 15.0090 issue: 0
IECEX BVS 16.0019 issue: 0
IECEX BVS 16.0066 issue: 0
IECEX BVS 16.0085 issue: 1

IECEX BAS 05.0087X issue: 8
IECEX BAS 08.0061X issue: 4
IECEX BAS 08.0062X issue: 4
IECEX BAS 08.0089X issue: 6
IECEX BAS 13.0003 issue: 1
IECEX BAS 13.0005X issue: 0
IECEX BAS 13.0005X issue: 3
IECEX BAS 14.0160X issue: 0
IECEX BVS 06.0004X issue: 2
IECEX BVS 07.0023X issue: 1
IECEX BVS 07.0023X issue: 4
IECEX BVS 07.0029U issue: 3
IECEX BVS 08.0032 issue: 3
IECEX BVS 08.0039U issue: 3
IECEX BVS 08.0050X issue: 2
IECEX BVS 08.0056X issue: 2
IECEX BVS 08.0057X issue: 2
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IECEX BVS 09.0002X issue: 3
IECEX BVS 09.0041X issue: 3
IECEX BVS 09.0042X issue: 2
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IECEX BVS 08.0031 issue: 2
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IECEX BVS 13.0092X issue: 0
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IECEX BVS 14.0112X issue: 0
IECEX BVS 15.0013X issue: 0
IECEX BVS 15.0073 issue: 0
IECEX BVS 15.0106X issue: 1
IECEX BVS 16.0040 issue: 0
IECEX BVS 16.0085 issue: 0
IECEX BVS 17.0011X issue: 1



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previous versions (continued):

IECEX BVS 17.0050X issue: 0	IECEX BVS 17.0078U issue: 0	IECEX BVS 17.0078U issue: 1
IECEX BVS 17.0078U issue: 2	IECEX BVS 17.0078U issue: 3	IECEX BVS 17.0078U issue: 4
IECEX BVS 17.0079X issue: 0	IECEX BVS 17.0079X issue: 1	IECEX BVS 17.0081X issue: 0
IECEX BVS 17.0081X issue: 1	IECEX BVS 17.0082X issue: 0	IECEX BVS 20.0035X issue: 0
IECEX BVS 21.0049X issue: 0	IECEX BVS 21.0060X issue: 0	IECEX BVS 21.0065X issue: 0
IECEX BVS 21.0066X issue: 0	IECEX BVS 21.0068X issue: 0	IECEX BVS 21.0070X issue: 0
IECEX BVS 21.0072X issue: 0	IECEX BVS 24.0002U issue: 0	IECEX BVS 24.0010U issue: 0
IECEX CCVE 17.0001U issue: 0	IECEX CCVE 17.0003U issue: 0	IECEX CSA 13.0011X issue: 0
IECEX CSA 13.0011X issue: 1	IECEX CSA 13.0011X issue: 2	IECEX CSA 13.0011X issue: 3
IECEX CSA 13.0011X issue: 4	IECEX CSA 15.0044U issue: 0	IECEX CSA 21.0033U issue: 0
IECEX DEK 11.0080U issue: 0	IECEX DEK 11.0080U issue: 1	IECEX DEK 11.0080U issue: 2
IECEX DEK 12.0007U issue: 0	IECEX DEK 12.0008 issue: 0	IECEX DEK 12.0040 issue: 0
IECEX DEK 12.0040 issue: 1	IECEX DEK 12.0040 issue: 2	IECEX DEK 12.0044X issue: 0
IECEX DEK 12.0044X issue: 1	IECEX DEK 12.0054X issue: 0	IECEX DEK 12.0054X issue: 1
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IECEX DEK 16.0010X issue: 1	IECEX DEK 17.0044X issue: 0	IECEX DEK 17.0044X issue: 1
IECEX DEK 17.0044X issue: 2	IECEX DEK 20.0019 issue: 0	IECEX DEK 20.0053U issue: 0
IECEX DEK 20.0069X issue: 0	IECEX DEK 23.0009X issue: 0	IECEX DEK 23.0009X issue: 1
IECEX DNV 14.0029X issue: 0	IECEX DNV 15.0005 issue: 0	IECEX EMT 16.0031X issue: 0
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IECEX FMG 15.0004U issue: 2	IECEX FMG 16.0005U issue: 2	IECEX FMG 16.0005X issue: 0
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IECEX IBE 17.0045X issue: 1	IECEX IBE 17.0046X issue: 0	IECEX IBE 17.0046X issue: 1
IECEX IBE 19.0004U issue: 0	IECEX IBE 19.0004U issue: 1	IECEX IBE 19.0016 issue: 0
IECEX IBE 19.0019X issue: 0	IECEX IBE 23.0005 issue: 0	IECEX IBE 23.0033X issue: 0
IECEX INE 24.0013U issue: 0	IECEX ITS 10.0023X issue: 0	IECEX ITS 10.0028X issue: 0
IECEX ITS 11.0033U issue: 0	IECEX ITS 11.0034U issue: 0	IECEX ITS 11.0035U issue: 0

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previous versions (continued):

IECEX ITS 11.0036U issue: 0	IECEX ITS 11.0038X issue: 0	IECEX ITS 11.0039X issue: 0
IECEX KEM 07.0050U issue: 3	IECEX KEM 07.0050U issue: 4	IECEX KEM 07.0050U issue: 5
IECEX KEM 07.0050U issue: 6	IECEX KEM 07.0050U issue: 7	IECEX KEM 07.0050U issue: 8
IECEX KEM 07.0051X issue: 2	IECEX KEM 07.0051X issue: 3	IECEX KEM 07.0051X issue: 4
IECEX KEM 08.0035X issue: 1	IECEX KEM 08.0038X issue: 1	IECEX KEM 08.0038X issue: 2
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IECEX KEM 10.0051X issue: 0	IECEX KEM 10.0051X issue: 1	IECEX LCI 07.0002 issue: 1
IECEX LCI 08.0032 issue: 1	IECEX LCI 08.0032 issue: 2	IECEX LCI 08.0032X issue: 3
IECEX NEM 11.0011 issue: 0	IECEX NEM 11.0011 issue: 1	IECEX PRE 14.0058X issue: 0
IECEX PRE 14.0058X issue: 1	IECEX PRE 14.0058X issue: 2	IECEX PTB 05.0013 issue: 2
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IECEX PTB 07.0025U issue: 2	IECEX PTB 07.0025U issue: 3	IECEX PTB 07.0027U issue: 1
IECEX PTB 07.0027U issue: 2	IECEX PTB 07.0027U issue: 3	IECEX PTB 07.0027U issue: 4
IECEX PTB 07.0028U issue: 1	IECEX PTB 07.0029 issue: 1	IECEX PTB 07.0029 issue: 2
IECEX PTB 07.0029 issue: 3	IECEX PTB 07.0053 issue: 1	IECEX PTB 08.0007 issue: 1
IECEX PTB 08.0007 issue: 2	IECEX PTB 08.0007 issue: 3	IECEX PTB 08.0013 issue: 2
IECEX PTB 08.0024U issue: 1	IECEX PTB 08.0025U issue: 1	IECEX PTB 08.0026 issue: 1
IECEX PTB 08.0027 issue: 1	IECEX PTB 08.0028U issue: 1	IECEX PTB 08.0028U issue: 2
IECEX PTB 08.0046U issue: 1	IECEX PTB 08.0056U issue: 1	IECEX PTB 08.0057X issue: 2
IECEX PTB 08.0057X issue: 3	IECEX PTB 08.0057X issue: 4	IECEX PTB 08.0057X issue: 5
IECEX PTB 08.0060U issue: 1	IECEX PTB 08.0060U issue: 2	IECEX PTB 09.0001X issue: 1

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IECEX PTB 09.0001X issue: 2	IECEX PTB 09.0001X issue: 3	IECEX PTB 09.0001X issue: 4
IECEX PTB 09.0011U issue: 1	IECEX PTB 09.0028U issue: 1	IECEX PTB 09.0031X issue: 2
IECEX PTB 09.0047U issue: 1	IECEX PTB 09.0047U issue: 2	IECEX PTB 09.0047U issue: 3
IECEX PTB 09.0047U issue: 4	IECEX PTB 09.0047U issue: 5	IECEX PTB 09.0048 issue: 1
IECEX PTB 09.0048 issue: 2	IECEX PTB 09.0048 issue: 3	IECEX PTB 09.0049 issue: 1
IECEX PTB 09.0049 issue: 2	IECEX PTB 09.0049 issue: 3	IECEX PTB 09.0049 issue: 4
IECEX PTB 09.0049 issue: 5	IECEX PTB 10.0023 issue: 0	IECEX PTB 10.0047X issue: 0
IECEX PTB 10.0053U issue: 0	IECEX PTB 10.0053U issue: 1	IECEX PTB 10.0060U issue: 0
IECEX PTB 10.0060U issue: 1	IECEX PTB 11.0027 issue: 0	IECEX PTB 11.0027 issue: 1
IECEX PTB 12.0003X issue: 0	IECEX PTB 12.0003X issue: 1	IECEX PTB 12.0017 issue: 0
IECEX PTB 12.0017 issue: 1	IECEX PTB 13.0002U issue: 0	IECEX PTB 13.0003 issue: 0
IECEX PTB 13.0003 issue: 1	IECEX PTB 13.0003 issue: 2	IECEX PTB 13.0003 issue: 3
IECEX PTB 13.0003 issue: 4	IECEX PTB 13.0033 issue: 0	IECEX PTB 13.0038 issue: 0
IECEX PTB 13.0047U issue: 0	IECEX PTB 13.0047U issue: 1	IECEX PTB 13.0047U issue: 2
IECEX PTB 13.0047U issue: 3	IECEX PTB 13.0047U issue: 4	IECEX PTB 13.0049 issue: 0
IECEX PTB 13.0049 issue: 1	IECEX PTB 13.0049 issue: 2	IECEX PTB 13.0059 issue: 0
IECEX PTB 13.0059 issue: 1	IECEX PTB 13.0059 issue: 2	IECEX PTB 13.0059 issue: 3
IECEX PTB 14.0011X issue: 0	IECEX PTB 14.0011X issue: 1	IECEX PTB 14.0011X issue: 2
IECEX PTB 14.0035 issue: 0	IECEX PTB 14.0035 issue: 1	IECEX PTB 14.0035 issue: 2
IECEX PTB 14.0039 issue: 0	IECEX PTB 14.0039 issue: 1	IECEX PTB 14.0039 issue: 2
IECEX PTB 14.0039X issue: 3	IECEX PTB 14.0043 issue: 0	IECEX PTB 14.0043 issue: 1
IECEX PTB 14.0043 issue: 2	IECEX PTB 15.0010 issue: 0	IECEX PTB 15.0029 issue: 0
IECEX PTB 15.0029 issue: 1	IECEX PTB 15.0039U issue: 0	IECEX PTB 15.0039U issue: 1
IECEX PTB 16.0007 issue: 0	IECEX PTB 16.0015U issue: 0	IECEX PTB 16.0027 issue: 0
IECEX PTB 16.0028U issue: 0	IECEX PTB 16.0028U issue: 1	IECEX PTB 16.0029 issue: 0
IECEX PTB 16.0030U issue: 0	IECEX PTB 16.0030U issue: 1	IECEX PTB 17.0013X issue: 0
IECEX PTB 17.0013X issue: 1	IECEX PTB 17.0022U issue: 0	IECEX PTB 17.0022U issue: 1
IECEX PTB 17.0022U issue: 2	IECEX PTB 17.0022U issue: 3	IECEX PTB 17.0026X issue: 0
IECEX PTB 17.0026X issue: 1	IECEX PTB 17.0026X issue: 2	IECEX PTB 17.0031X issue: 0
IECEX PTB 17.0031X issue: 1	IECEX PTB 17.0037U issue: 0	IECEX PTB 17.0037U issue: 1
IECEX PTB 17.0037U issue: 2	IECEX PTB 17.0039X issue: 0	IECEX PTB 17.0039X issue: 1
IECEX PTB 17.0042X issue: 0	IECEX PTB 17.0042X issue: 1	IECEX PTB 17.0042X issue: 2
IECEX PTB 17.0042X issue: 3	IECEX PTB 17.0042X issue: 4	IECEX PTB 19.0018U issue: 0
IECEX PTB 19.0018U issue: 1	IECEX PTB 19.0019X issue: 0	IECEX PTB 20.0003X issue: 0
IECEX PTB 20.0003X issue: 1	IECEX PTB 20.0004U issue: 0	IECEX PTB 20.0004U issue: 1
IECEX PTB 20.0039U issue: 0	IECEX PTB 21.0024X issue: 0	IECEX PTB 21.0026X issue: 0
IECEX PTB 22.0001X issue: 0	IECEX QPS 17.0012X issue: 0	IECEX SIQ 17.0003U issue: 0
IECEX SIQ 17.0003U issue: 1	IECEX SIQ 17.0003U issue: 2	IECEX SIQ 18.0001U issue: 0
IECEX SIQ 18.0001U issue: 1	IECEX SIQ 18.0001U issue: 2	IECEX SIQ 18.0002U issue: 0
IECEX SIQ 18.0002U issue: 1	IECEX SIQ 18.0002U issue: 2	IECEX SIQ 18.0003X issue: 0
IECEX SIQ 18.0003X issue: 1	IECEX SIQ 18.0003X issue: 2	IECEX SIR 06.0075X issue: 2
IECEX SIR 06.0076X issue: 2	IECEX SIR 06.0077X issue: 2	IECEX SIR 06.0078X issue: 2
IECEX SIR 06.0079X issue: 2	IECEX SIR 06.0080X issue: 2	IECEX SIR 07.0058X issue: 1
IECEX SIR 10.0156U issue: 1	IECEX SIR 10.0157U issue: 1	IECEX SIR 10.0158U issue: 1
IECEX SIR 10.0159X issue: 1	IECEX SIR 10.0160X issue: 1	IECEX SIR 10.0161U issue: 1
IECEX TPS 24.0009U issue: 0	IECEX TRC 15.0001X issue: 0	IECEX TRC 15.0001X issue: 1
IECEX TRC 15.0001X issue: 2	IECEX TUR 09.0005X issue: 1	IECEX TUR 09.0005X issue: 2
IECEX TUR 10.0014 issue: 0	IECEX TUR 10.0014 issue: 1	IECEX TUR 10.0014 issue: 2
IECEX TUR 10.0014 issue: 3	IECEX TUR 10.0014 issue: 4	IECEX TUR 10.0014 issue: 5
IECEX TUR 10.0014 issue: 6	IECEX TUR 11.0005U issue: 0	IECEX TUR 11.0006X issue: 0
IECEX TUR 11.0006X issue: 1	IECEX TUR 11.0006X issue: 2	IECEX TUR 11.0010X issue: 0
IECEX TUR 11.0015X issue: 0	IECEX TUR 11.0015X issue: 1	IECEX TUR 11.0015X issue: 2
IECEX TUR 12.0001 issue: 0	IECEX TUR 12.0001 issue: 1	IECEX TUR 12.0001 issue: 2
IECEX TUR 13.0005 issue: 0	IECEX TUR 13.0014X issue: 0	IECEX TUR 13.0014X issue: 1
IECEX TUR 14.0041U issue: 0	IECEX TUR 14.0041U issue: 1	IECEX TUR 14.0042X issue: 0
IECEX TUR 14.0042X issue: 1	IECEX TUR 15.0006X issue: 0	IECEX TUR 15.0006X issue: 1
IECEX TUR 15.0019X issue: 0	IECEX TUR 15.0021U issue: 0	IECEX TUR 15.0021U issue: 1
IECEX TUR 15.0027 issue: 0	IECEX TUR 15.0027 issue: 1	IECEX TUR 15.0027 issue: 2
IECEX TUR 15.0027 issue: 3	IECEX TUR 15.0028X issue: 0	IECEX TUR 15.0028X issue: 1
IECEX TUR 15.0034U issue: 0	IECEX TUR 16.0002X issue: 0	IECEX TUR 16.0002X issue: 1
IECEX TUR 16.0038X issue: 0	IECEX TUR 16.0039X issue: 0	IECEX TUR 16.0039X issue: 1
IECEX TUR 17.0023X issue: 0	IECEX TUR 18.0038X issue: 0	IECEX TUR 19.0007U issue: 0
IECEX TUR 19.0009U issue: 0	IECEX TUR 19.0033X issue: 0	IECEX TUR 19.0033X issue: 1

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IECEX TUR 19.0033X issue: 2
IECEX TUR 19.0075X issue: 0
IECEX TUR 20.0042X issue: 1
IECEX TUR 23.0019X issue: 0

IECEX TUR 19.0033X issue: 3
IECEX TUR 20.0035X issue: 0
IECEX TUR 20.0042X issue: 2
IECEX UL 16.0164X issue: 0

IECEX TUR 19.0072X issue: 0
IECEX TUR 20.0042X issue: 0
IECEX TUR 21.0005X issue: 0
IECEX UL 16.0164X issue: 1

Comments: Further details see attachments for manufacturing locations and local assembler according to OD 203.

Annexes:

[DE_BVS_QAR10_0002_20_Manufacturing_Locations_2024-08-21.pdf](#)
[QAR10_0002_16_Attachment_OD_203_2024-11-08.pdf](#)

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Manufacturer	Country	Product information	Protection concept(s)
R. STAHL Schaltgeräte GmbH Am Bahnhof 30 74638 Waldenburg	DE	Automation Interfaces and solutions Air conditioning units Grounding monitoring devices and systems Plugs and Sockets Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures Ethernet-APL Field Switches EX p Systems Fielbus technology Isolators Junction and Terminal Boxes Luminaires Signalling Devices Networking technology Remote I/O	Encapsulation "m" Equipment protection by special protection "s" Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Powder filling "q" Pressurized enclosure "p" Protection by enclosure "t" Type of protection "60079-30-1" Type of protection "nA", "nR", "nC"

Manufacturing site(s)	Country	Competence	Protection concept(s)
R. STAHL Schaltgeräte GmbH Am Bahnhof 30 74638 Waldenburg	DE	Automation Interfaces and solutions Grounding monitoring devices and systems Plugs and Sockets Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures Ethernet-APL Field Switches EX p Systems Fielbus technology Isolators Junction and Terminal Boxes Networking technology Remote I/O	Encapsulation "m" Equipment protection by special protection "s" Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Powder filling "q" Pressurized enclosure "p" Protection by enclosure "t" Type of protection "60079-30-1" Type of protection "nA", "nR", "nC"
R. STAHL Schaltgeräte GmbH Nordstraße 10 99427 Weimar	DE	Component for Ex e solutions Components for Ex d solutions Luminaires Signalling Devices	Encapsulation "m" Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Protection by enclosure "t" Type of protection "nA" "nC"
R. STAHL PRIVATE LIMITED Plot No. 5, Malrosapuram Main road Sengundram Industrial Area, Singaperumal Koil, Chengalpattu District, Tamil Nadu – 603204	IN	Automation Interfaces and solutions Grounding monitoring devices and systems Plugs and Sockets Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures Junction and Terminal Boxes Luminaires	Encapsulation "m" Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Protection by enclosure "t" Type of protection "nR" "nC"
R. STAHL INC. 13259N, Promenade Blvd. Stafford, TX 77477	USA	Automation Interfaces and solutions Grounding monitoring devices and systems Control Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Pressurized enclosure "p"



Attachment to
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Manufacturing locations



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Manufacturing site(s)	Country	Competence	Protection concept(s)
		Control Systems and Distribution Boards EX p Systems Junction and Terminal Boxes	Protection by enclosure "t"
ELECTROMACH B. V. Jan Tinbergenstraat 193 7559 SP Hengelo	NL	Automation Interfaces and solutions Air conditioning units Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures EX p Systems Junction and Terminal Boxes Networking technology	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Powder filling "q" Pressurized enclosure "p" Protection by enclosure "t" Type of protection "nR"

**Attachment to
IECEX Quality Assessment Report**

IECEX OD 203 Guidance on the definition of ‘manufacturer’ in relation to ‘trade agents’ and ‘local assemblers’ (Clause 2.3.2)

QAR Reference No.: DE/BVS/QAR10.0002/20

Manufacturer	Country	Product information	Protection concept(s)
R. Stahl Schaltgeräte GmbH Am Bahnhof 30 74638 Waldenburg	DE	Automation Interfaces and solutions Grounding monitoring devices and systems Plugs and Sockets Air conditioning units Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures Ethernet-APL Field Switches EX p Systems Fielbus technology Isolators Junction and Terminal Boxes Networking technology Remote I/O	Encapsulation “m” Equipment protection by special protection “s” Flameproof enclosures “d” Increased safety “e” Intrinsic safety “i” Optical radiation “op is/pr” Powder filling “q” Pressurized enclosure “p” Protection by enclosure “t” Type of protection “60079-30-1” Type of protection “nA”, “nR”, “nC”

Local Assembler (LA) ¹	Country¹	Limitation of scope - assembled product(s) ¹	Limitation of scope – protection concept(s) ¹
Actemium Contracting GmbH Am Haupttor Bau 3629 06237 Leuna	DE	Control Boxes Junction and Terminal Boxes	Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
ASE ATEX Sp.z o.o. ul. Narwicka 6 80-557 Gdańsk	PL	Control Boxes Junction and Terminal Boxes	Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
BASF SE Carl-Bosch-Str. 38 67056 Ludwigshafen on the Rhine	DE	Control Systems and Distribution Boards	Flameproof enclosures “d” Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
BELMA S.A. ul. Lochowska 69 86-005 Biala Blota	PL	Junction and Terminal Boxes	Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
Bentec GmbH Drilling & Oilfield Systems Deilmannstraße 1 48455 Bentheim	DE	Control Systems and Distribution Boards	Flameproof enclosures “d” Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
Dae Young Co., LTD 236, Gayadae-ro, Sasang-gu Busan	CO	Control Boxes Junction and Terminal Boxes	Increased safety “e” Intrinsic safety “i” Protection by enclosure “t”
ELECTROMACH B.V. Jan Tinbergenstraat 193 7559 Hengelo	NL	Automation Interfaces and solutions Air conditioning units Component for Ex e solutions Components for Ex d solutions Control Boxes Control Systems and Distribution Boards Enclosures EX p Systems Junction and Terminal Boxes	Flameproof enclosures “d” Increased safety “e” Intrinsic safety “i” Optical radiation “op is/pr” Powder filling “q” Pressurized enclosure “p” Protection by enclosure “t” Type of protection “nR”

¹ IECEx OD 203, 2.3.2

**Attachment to
IECEx Quality Assessment Report**

IECEx OD 203 Guidance on the definition of ‘manufacturer’ in relation to ‘trade agents’ and ‘local assemblers’ (Clause 2.3.2)

QAR Reference No.: DE/BVS/QAR10.0002/20

Local Assembler (LA) ¹	Country¹	Limitation of scope - assembled product(s) ¹	Limitation of scope – protection concept(s) ¹
		Networking technology	
Electropar Ltd. 35 Lady Ruby Drive, EAST Tamaki 2013 Auckland	NZ	Control Boxes Control Systems and Distribution Boards Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
EX Engineering Pty. Ltd. Unit 1, 79 Robinson Avenue 6104 Belmont WA	AU	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
EX-TECHNIK s.r.o. Na Pěčonce 1903/21 71000 Slezská - Ostrava	CZ	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Industrial Systems Group Dammam Second Industrial City, 12 Street 31952 Khobar	AE	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
IPD Control Logic 43 Newton Road 2164 Wetherill Park NSW	AU	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Klöpper-Therm GmbH & Co. KG Unterste-Wilms-Straße 21 44143 Dortmund	DE	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Mac Lean Electrical 6 Peterseat Dr AB12 3HT Aberdeen	UK	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Max Fodgaard A/S Sydholmen 10 2650 Hvidovre	DK	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
OneSubsea Lückenweg 1 29227 Celle	DE	Control Systems and Distribution Boards	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Petroleum Technology Co., W.L.L. Suite 203D, Jaidah Square, Airport Road / P.O. Box 16069 16069 Doha	QA	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
R. STAHL Inc. 13259 N. Promenade Blvd. Stafford, 77477, TX	US	Automation Interfaces and solutions Grounding monitoring devices and systems Control Boxes Control Systems and Distribution Boards EX p Systems Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Pressurized enclosure "p" Protection by enclosure "t"
R. STAHL PRIVATE LIMITED Plot no.5 Malrosapuram Main Road Sengundram Ind.Area, Singaperumal Kovil, Chengalpattu, Tamil Nadu 603204	IN	Automation Interfaces and solutions Grounding monitoring devices and systems Luminaires Plugs and Sockets Component for Ex e solutions Components for Ex d solutions Control Boxes	Encapsulation "m" Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Optical radiation "op is/pr" Protection by enclosure "t" Type of protection "nR" "nC"

**Attachment to
IECEX Quality Assessment Report**

IECEX OD 203 Guidance on the definition of ‘manufacturer’ in relation to ‘trade agents’ and ‘local assemblers’ (Clause 2.3.2)

QAR Reference No.: DE/BVS/QAR10.0002/20

Local Assembler (LA) ¹	Country¹	Limitation of scope - assembled product(s) ¹	Limitation of scope – protection concept(s) ¹
		Control Systems and Distribution Boards Enclosures Junction and Terminal Boxes	
R. STAHL SA (PTY) LTD 41 Angus Crescent Longmeadow Business Park 2065 Johannesburg	ZA	Control Boxes Control Systems and Distribution Boards Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
R. STAHL Scandinavia AS Luhrtoppen 2 1470 Lørenskog	NO	Control Boxes Control Systems and Distribution Boards Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t" Type of protection "nA" "nC"
R. STAHL Tranberg AS Strandsvingen 6 4032 Stavanger	NO	Control Boxes Control Systems and Distribution Boards Enclosures Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
STAHL Crane Systems GmbH Daimlerstraße 6 74653 Künzelsau	DE	Control Systems and Distribution Boards Junction and Terminal Boxes	Flameproof enclosures "d" Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Steute do Brasil Rua Badejo. 38 13280-000 Vinhedo-São Paulo	BR	Control Boxes Control Systems and Distribution Boards Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"
Wan Jiun Technology Co., Ltd 11F No.896, Jingguo Rd., Luzhu Dist. 33858 Taoyuan City	TW	Control Boxes Junction and Terminal Boxes	Increased safety "e" Intrinsic safety "i" Protection by enclosure "t"