

(1)

Certificate of Conformity

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Certificate Number:

EPS 19 ATEX 1 159 X

Revision 2

(4) Equipment: HIJunction Box

(5) Manufacturer: Hima Paul Hildebrandt GmbH

(6) Address: Albert-Bassermannstr. 28
68782 Brühl
Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this Certificate of Conformity and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 19TH0160.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012

EN 60079-1:2014

EN 60079-7:2015

EN 60079-11:2012

EN 60079-15:2010

EN 60079-28:2015

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 3G Ex db eb ec ic nA nC [op is] [op pr] [ia] [ic] IIC T3/T4 Gc

Certification department of explosion protection

Hamburg, 2020-01-20

H. Schaffer



(13) **Annexe**

(14) **Certificate of Conformity EPS 19 ATEX 1 159 X**

Revision 2

(15) Description of equipment:

The HIJunction Box is part of a safety related control system that is designed for continuous operation and high availability. The HIJunction Box is designed for operation in zone 2 and communicates with other components of the safety control systems over a bus system.

Electrical data:

Feed 1/2:
100V...240VAC/10A/50Hz
110V...250VDC/10A

Control Circuit:
30A/24VDC

(16) Reference number: 19TH0160

(17) Schedule of Limitations:

Ambient temperature range $-20^{\circ}\text{C} < T_a < +55^{\circ}\text{C}$

(18) Essential health and safety requirements:

Met by standards.



Hamburg, 2020-01-20