

Type-examination CERTIFICATE

This certifies that the product mentioned below from company

Johannes Hübner
Fabrik elektrischer Maschinen GmbH
Siemensstraße 7
35394 Gießen
Germany

meets the requirements of Annex I: Essential health and safety requirements relating to the design and construction of machinery of The Supply of Machinery (Safety) Regulations 2008 as a basis for the declaration of conformity and application of the UKCA mark.

Product(s): **Electronic Overspeed switch**
Type/Model No(s). **EGS(H)41**

Technical data: **Supply voltage:** **12 to 30 VDC / 100 to 240 VAC**
(further details see
Annex I) **Switching voltage:** **Max. 30 VDC / 30 to 230 VAC/DC**

Tested in accordance with: **BS ISO 13849-1:2008 (PL d)**
BS 61508:2010 (SIL 2)

Remarks: **The particular requirements listed in section 8 of the test report No.12 207 408292 must be taken into account**

Test Report **35331762 001**

Date of issue: **15/03/2023** **Date of expiry:** **02/05/2024**

Certificate No.: **0879-SMSR-00001**



0065

Signed for and on behalf of TÜV UK Ltd, the Certification Body

This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd PC-MD-006 Certification Agreement- Machinery Dept. as amended from time to time, and its validity is subject to the conditions described in The supply of Machinery (Safety) Regulations, PART 9, item 9.

TÜV UK Ltd, AMP House, Suites 27-29, Fifth Floor, Dingwall Road Croydon CR0 2LX, UK
www.tuv-uk.com

ANNEX

Annex 1, page 1 of 1

to Type-examination certificate No. 0879-SMSR-00001

General Information: See page 1 of the EC type-examination certificate

Product description: Electronic overspeed switch for speed monitoring of electrical and mechanical drives with safety-related switching signal

Type designation:

EGS	HJ	41	K	-	HS	HV	/20P	FG40
Construction type - = Construction type B5 (flange) or B35 (flange and foot) H = Hollow shaft design HJ = Hollow shaft design with insulated ball bearings Series 41 = With safety certification SIL 2 / PL d Housing design K = 1 terminal box (standard) KK = 2 terminal boxes (standard) KC = EGS: terminal box / FG: connection cable KL = EGS: terminal box / FG: fiber optic connection cable KR = EGS: terminal box / FG: 12-pole round plug KS = EGS: terminal box / FG: 15-pole EMC industrial plug Switching voltage max. 30 VDC (Standard) HS = 30 ... 230 V AC/DC Supply voltage - = 12 ... 30 VDC (Standard) HV = 100 ... 240 VAC Shaft with feather key / keyway - = Solid shaft \varnothing 11 j6 mm (optional 14 j6) 20P = Hollow shaft \varnothing 20 H7 mm (Standard) 16P = Hollow shaft \varnothing 16 H7 mm (Optional) 19P = Hollow shaft \varnothing 19 H7 mm (Optional) For design version with additional incremental output see series FG 40 with option S								



0065

Signed for and on behalf of TÜV UK Ltd, the Certification Body

This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd PC-MD-006 Certification Agreement- Machinery Dept. as amended from time to time, and its validity is subject to the conditions described in The supply of Machinery (Safety) Regulations, PART 9, item 9.

TÜV UK Ltd, AMP House, Suites 27-29, Fifth Floor, Dingwall Road Croydon CR0 2LX, UK
www.tuv-uk.com