

## CG Drives & Automation

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## DECLARATION OF CONFORMITY

*According to*

the Machinery Directive **2006/42/EC (functional safety of machines with STO option)**, EMC Directive **2014/30/EU**, the Radio Equipment Directive **2014/53/EU**, the Low Voltage Directive **2014/35/EU**, the RoHS II Directive **2011/65/EU**, the Ecodesign Directive **2009/125/EC**

*Type of equipment*

**Variable Speed Drive**

*Brand name or trade mark*

**Emotron FDU2.1**

*Type designation(s)/Model no(s)*

**FDU48-bbb**

Where *bbb* = any number between (and including) 003 to 3K75.

**FDU52-bbb**

Where *bbb* = any number between (and including) 003 to 074.

**FDU69-bbb**

Where *bbb* = any number between (and including) 002 to 4K0.

and where the model number(s) may optionally be followed by any numbers or letters.

*Manufacturer's name, address, telephone & fax no*

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Conformity with the Directive(s) stated above relates to the following reference documents:

*Harmonized standards or other normative documents*

EN 61800-5-2:2007

EN ISO 13849-1:2015

EN 62061:2005 + A1:2013

EN 61800-3:2018

ETSI EN 301 489-1 v2.2.3: 2019

ETSI EN 301 489-17 v3.2.4: 2019

ETSI EN 300 328 v2.2.2: 2019

EN 61800-5-1:2007 + A1:2017 + A11:2021

EN 61800-9-2:2017

COMMISSION REGULATION (EU) 2019/1781

EN IEC 63000:2018

Functional safety product standard

Machine safety standard

Machine safety standard

EMC product standard

EMC standard for radio equipment

EMC standard for radio equipment

Radio Spectrum

FREQUENCY BAND / BANDS : 2402 ÷ 2480 MHz

RATED RF OUTPUT POWER: 4 dBm

Electrical safety product standard

Energy efficiency product standard

Ecodesign requirements for electric motors and variable speed drives

Restriction of hazardous substances

As manufacturer/the manufacturer's authorised representative established within EEA, we declare under our sole responsibility that the equipment follows the provisions of the Directive(s) state above.

*Date and place of issue*

Helsingborg 2022-12-01

*Name and signature*

Björn Fälth  
VP Product Innovation