

Kendrion INTORQ GmbH

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UK Declaration of Conformity

Original Declaration of Conformity

We hereby declare that the type of construction of

Designation: *Electromagnetically released spring-applied brake*

Machine type: *INTORQ BFK458*

Size 06 to 25

Year of manufacture: *2022 ff.*



comply with the following UK regulations and designated standards as amended.

In accordance with Group II, Category 3G/D, the product is - as described in the operating instructions - suitable for use as an operating brake in explosive atmosphere of zone 2 (in accordance with EN 60079-10-1:2015-12) and zone 22 (with non-conductive dusts in accordance with EN 60079-10-2:2015-03).

UK Regulation

S. I. 2008 No. 1597

Health and Safety: Supply of Machinery (Safety) Regulations 2008

S. I. 2016 No. 1107

Health and Safety: Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016

Applied designated standards

EN ISO 12100	Safety of machinery
EN 1127-1	Explosive atmospheres - Part 1: Basic concepts and methodology
EN IEC 60079-0	Explosive atmospheres - Part 0: Equipment - General requirements
EN 60079-7	Explosive atmospheres - Part 07: Equipment protection by increased safety "e"
EN 60079-31	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
EN ISO 80079-36	Explosive atmospheres - Part 36 Non-electrical equipment for use in potentially explosive atmospheres – Basic concepts and requirements



Lars Knoke
Managing Director



By proxy Winfried Küter
Head of Technology Industrial Brakes

Aerzen, April 7, 2022