

DECLARATION OF PERFORMANCE

According to annex III to regulation (EU) No.305/2011
Construction Products Regulation

for the product **holding magnet**

No.0001-CPR

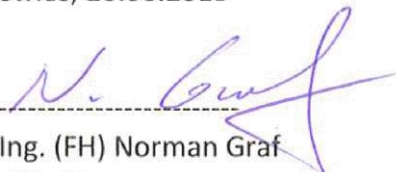
1. **Type designation:** GTR048000A07
2. **Type identification no.:** GTR0480008
3. **Intended use:** Holding magnet in connection with an armature plate as an electrically powered hold open device for swing doors.
4. **Manufacturer:** Kendrion (Donaueschingen/Engelswies) GmbH
Fred-Hahn-Straße 33
72514 Inzigkofen-Engelswies
Germany
5. **System of assessment of performance of the construction product:** System 1
6. **Harmonized standard:** EN 1155: 1997 + A1: 2002
7. **In the case of declaration of performance concerned to a construction product, which is included in a harmonized standard:** The notified body VdS (0786) performed the determination of the product type on the basis of type testing, type calculation, tabulated values or descriptive documentation of the product. Vds also made the initial inspection of factory and of factory production control as well as continuous surveillance, assessment and evaluation of factory production control according to system 1 and issued following:
Certificate of constancy of performance of the product:
0786-CPD-20435
8. **Declared performance:**

Essential characteristic	Performance	Harmonized specification						
Classification	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>X</td> <td>X</td> <td>^x/_x</td> <td>X</td> <td>X</td> <td>X</td> </tr> </table> <ol style="list-style-type: none"> 1. Application class: 3 2. Durability: grade 5 3. Hold-open power size: 3-5 4. Qualification: grade 1 Suitability for fire/smoke door 5. Safety: grade 1 6. Corrosion resistance: grade 3 	X	X	^x / _x	X	X	X	EN 1155: 1997 + A1: 2002, 4
X	X	^x / _x	X	X	X			
Electrical release	within 3s of 10% U _{nom}	EN 1155: 1997 + A1: 2002, 5.2.2						
Door closing device requirements	N.P.D.	EN 1155: 1997 + A1: 2002, 5.2.3						
Durability	grade 5	EN 1155: 1997 + A1: 2002, 5.2.4						
Angel of hold-open	N.P.D.	EN 1155: 1997 + A1: 2002, 5.2.5						
Manual release	N.P.D.	EN 1155: 1997 + A1: 2002, 5.2.6						
Continuous hold-open	after-run of the door <2° in 48h	EN 1155: 1997 + A1: 2002, 5.2.7						

Overload performance	testing 5 times with rope and falling weights for certain hold-open power size	EN 1155: 1997 + A1: 2002, 5.2.8
Delayed release	N.P.D.	EN 1155: 1997 + A1: 2002, 5.2.9
Electrical performance	performance requirement for continuous hold-open and delayed release with $U_{nom} \pm 15\%$ and manual release with U_{nom}	EN 1155: 1997 + A1: 2002, 5.2.10
Temperature rise	for $U_{nom} + 15\%$ - connected coils $< 55^{\circ}\text{C}$, terminals for external connections and external housings $< 25^{\circ}\text{C}$	EN 1155: 1997 + A1: 2002, 5.2.11
Damage	no damaging after test routine which affects the performance characteristics	EN 1155: 1997 + A1: 2002, 5.2.12
Fire/smoke door suitability	grade 1	EN 1155: 1997 + A1: 2002, 5.2.13
Corrosion resistance	grade 3	EN 1155: 1997 + A1: 2002, 5.2.14

The performance of the product according to point 1. and 2. is in conformity with the declared performance of point 8. The declaration of performance is issued under the sole responsibility of the manufacturer according to point 4. Signed for and on behalf of the manufacturer by:

Engelswies, 26.06.2013



 Dipl.-Ing. (FH) Norman Graf
 Geschäftsführer