

**Materialprüfungsamt Nordrhein-Westfalen**

Prüfen • Überwachen • Zertifizieren

**Certificate of constancy of performance****0432-CPR-00026-66**

Version 02

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

**Electrically powered free swing door closer of model series "TS 99 FL"**

Electrically powered free swing door closer for single- and double-leaf swing doors  
according to the composition and classification in Appendix 1,

placed on the market under the name or trade mark of

**dormakaba Deutschland GmbH**

DORMA Platz 1  
58256 Ennepetal  
Germany

and produced in the manufacturing plant(s)

**DO 2.1**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in annex ZA of the standard(s)

**EN 1155:1997/A1:2002/AC:2006**

under **system 1** for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on 26.11.2019 and will remain valid until 26.11.2029 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Dortmund, 26.11.2024



RBA Th. Meinks  
Deputy Head of Certification Body, department  
22.30

This Certificate consists of 1 page and 1 annex(es).  
This Certificate replaces the Certificate no. 0432-CPR-00026-66 dated  
26.11.2019, Version 01.



The original of this document was issued in German language.

In case of doubt only the German version is valid.

## List of Products

**Type :** „TS 99 FL“  
**Description :** electrically powered free swing door closer.  
**Arm system :** Slide channel arm assembly  
**Installation :** door-leaf fixing, pull side according to manufacturer specifications  
 frame fixing , pull side according to manufacturer specifications  
 frame fixing , push side according to manufacturer specifications  
**Size :** 3 - 5  
**Classification :** 3 8 5/3 1 1 3  
**Manufacturing plant :** DO 2.1  
**Remarks:** Voltage 24 V DC

**Type :** „TS 99 FL 48 V“  
**Description :** electrically powered free swing door closer.  
**Arm system :** Slide channel arm assembly  
**Installation :** door-leaf fixing, pull side according to manufacturer specifications  
 frame fixing , pull side according to manufacturer specifications  
 frame fixing , push side according to manufacturer specifications  
**Size :** 3 - 5  
**Classification :** 3 8 5/3 1 1 3  
**Manufacturing plant :** DO 2.1  
**Remarks:** Voltage 48 V DC

**Type :** „TS 99 FLR“ & “TS 99 FLR-K”  
**Description :** electrically powered free swing door closer.  
**Arm system :** Slide channel arm assembly  
**Installation :**

<b>TS 99 FLR-K</b>	door-leaf fixing, pull side according to manufacturer specifications
<b>TS 99 FLR</b>	frame fixing , pull side according to manufacturer specifications

**Size :** 3 - 5  
**Classification :** 3 8 5/3 1 1 0  
**Manufacturing plant :** DO 2.1  
**Remarks:** with integrated smoke detector, Voltage 24 V DC

# Materialprüfungsamt Nordrhein-Westfalen

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**Intended use:**

On fire- and/or smoke-protection doors

Essential property	Sections with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of the product
Ability to release	5.1.2 Release from every angle 5.1.3 Prevention of release 5.1.4 Nominal voltage supply TS 99 FL, TS 99 FLR, TS 99 FLR K TS 99 FL 48V 5.1.5 Extern electrical connection 5.1.6 Inlet for external cable management 5.2.1 General 5.2.2 Electrical release 5.2.5 Locking angle 5.2.6 Manual engaging 5.2.7 Permanent locking 5.2.8 Overload behaviour 5.2.9 Release delay 5.2.10 Electrical power 5.2.11 Temperature rise 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed (Size 3-5) Passed 24 V/ DC; Residual ripple 30 % Passed 48 V/ DC; Passed Passed Passed Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) No performance declared Passed Passed (Size 3-5) Passed (Size 3-5) Class 1: Passed
Durability of the ability to release	5.2.4 Durability 5.2.14 Corrosion resistance TS 99 FL, TS 99 FL 48 V 5.2.14.1 5.2.14.2 5.2.14.3 TS 99 FL , TS 99 FRL K 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles) Passed (Size 3-5) Class 3 (96h): Passed Class 3 (96h): Passed Class 3 (96h): Passed No requirement Class 0 No requirement Class 0 No requirement Class 0
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

Essential property	Sections with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	5.2.1 General 5.2.3 Closing torque 5.2.4 Opening torque 5.2.5 Efficiency 5.2.6 Closing time 5.2.7 Opening angle door-leaf fixing, pull side frame fixing pull side frame fixing, push side 5.2.8 Overload behaviour 5.2.9 Temperature dependence 5.2.10 Leaking 5.2.11 Damage 5.2.12 Latch 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable closing force 5.2.16 Play at zero position 5.2.18 Suitability for fire-/smoke-protection doors	Passed Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed Passed (Class 4) Passed (Class 4) Passed (Class 3) Passed Passed Passed Passed Passed (Size 2-5) Not applicable Not applicable Passed (Size 2-5) Not applicable Class 1: Passed
Durability of self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	Passed Class 8 (500 000 Cycles) Passed Class 3 (96h) Passed Class 3 (96h) Passed Class 3 (96h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.