

# Materialprüfungsamt Nordrhein-Westfalen

Prüfen • Überwachen • Zertifizieren

## Certificate of constancy of performance

### 0432-CPR-00099-22

Version 01

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 hold-open device ECO IS-EF

for single- and double-leaf swing doors as detailed and classified on annex 2

placed on the market under the name or trade mark of

### ECO Schulte GmbH & Co. KG

Iserlohner Landstraße 89  
58706 Menden, Germany

and produced in the manufacturing plant(s)

### DO 2.17

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 28.01.2019 and will remain valid until 28.01.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 28.01.2019



By order



Dipl.-Ing. Friedrich  
Head of Certification Body

This Certificate consists of 1 page and 2 annex(es).

The original of this document was issued in German language.  
In case of doubt only the German version is valid.



**Electrically powered hold-open door device integrated in the door closer**

ECO IS-EF

**Manufacturing plant**

Product	Manufacturer and Manufacturing plant
Electrically powered hold-open device integrated in the door closing device	DO 2.17

## List of Products

<b>Type :</b>	ECO IS EF
<b>Description :</b>	Frame fixed, electrically powered hold-open devices integrated in the door closing devices.
<b>Used door closers :</b>	ECO ITS Multi-Genius EN 1-4 ECO ITS Multi-Genius EN 2-5
<b>Arm system :</b>	Slide channel arm assembly
<b>Mounting :</b>	Door-leaf fixing, pull side
<b>Size :</b>	3-5
<b>Classification :</b>	3 8 3-5 1 1 0
<b>Manufacturing plant :</b>	DO 2.17
<b>Remarks :</b>	-

### Intended use:

For single- and double-leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1155:1997/A1:2002/AC:2006	Performance of product
Ability to release	5.1.2 Release from every angle 5.1.3 Preventing the release 5.1.4 Voltage supply 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 Hold-open angle 5.2.6 Manual disengagement 5.2.7 Continuous hold-open 5.2.8 Overload behaviour 5.2.9 Shutter release delay 5.2.10 Electrical power 5.2.11 Temperature increase 5.2.12 Damage 5.2.13 Suitability for fire-/smoke protection doors	Passed (Size 3-5) Passed (Size 3-5) 24 V/ DC; Residual ripple 30 %: Passed (Size 3-5) Passed Passed Passed Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) Passed (Size 3-5) 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 5.2.14.1 5.2.14.2 5.2.14.3	Class 8 (500 000 Cycles): Passed  Not required Class 0 Not required Class 0 Not required Class 0
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

**Intended use:**

For single and double leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of product
Self-closing	ECO ITS Multi-Genius 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 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero position 5.2.18 Use of fire-/ smoke protection doors	Passed Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed Passed (Class 3) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Passed (Size 1-4) Not applicable Not applicable Passed (Size 1-4) Not applicable Class 1: Passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	Class 8 (500 000 Cycles):Passed Class 4 (240h): Passed Class 4 (240h): Passed Class 4 (240h): Passed
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.

**Intended use:**

For single and double leaf fire- and/or smoke protection swingdoors

Essential characteristics	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of product
Self-closing	ECO ITS Multi-Genius 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 5.2.8 Overload test 5.2.9 Temperature dependence 5.2.10 Leakage 5.2.11 Damage 5.2.12 Latch regulation 5.2.13 Back check 5.2.14 Delayed action 5.2.15 Adjustable force 5.2.16 Free play at zero position 5.2.18 Use of fire-/ smoke protection doors	Passed Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed Passed (Class 3) Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Passed (Size 2-5) Not applicable Passed (Size 2-5) Not applicable Class 1: Passed
Durability Self-closing	5.2.2 Durability 5.2.17.1 Corrosion resistance 5.2.17.2 Corrosion resistance 5.2.17.3 Corrosion resistance	Class 8 (500 000 Cycles):Passed Class 4 (240h): Passed Class 4 (240h): Passed Class 4 (240h): Passed
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.