MPA NRW.

Materialprüfungsamt Nordrhein-Westfalen

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance
0432-CPR-00099-15

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 door closing device with free swing function ECO FTS-63 (R)

for single-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 04.04.2019 and will remain valid until 04.04.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 04.04.2019

Materialprüfungsamt MPA NRW 46 Nordrhein-Westfalen

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.

DAkkS Deutsche Akkreditierungsstelle D-ZE-11142-01-01

Electrically powered hold-open door closing device with free swing function

ECO FTS-63, ECO FTS-63 R

Manufacturing plant

Product	Manufacturer and Manufacturing plant
Electrically powered hold-open door closing device with free swing function	DO 2.17

List of Products

Type :	ECO FTS-63, ECO FTS-63 R
Description :	Frame fixed, electrically powered hold-open devices integrated in the door closing devices with free swing function.
Used door closers :	ECO TS-51 EN1-4, ECO TS-61 EN2-5, ECO TS-61 EN2-6, ECO TS-61 EN5-6,
Arm system :	Slide channel arm assembly
Mounting :	Door-leaf fixing, pull side
Size :	EN 3-4, EN 3-5, EN 3-6, EN 5-6
Classification :	ECO TS-51: 3 5 3-4 1 1 0 ECO TS-61 EN2-5 3 5 3-5 1 1 0 ECO TS-61 EN2-6 3 5 3-6 1 1 0 ECO TS-61 EN5-6 3 5 5-6 1 1 0
Manufacturing plant :	DO 2.17
Remarks :	ECO FTS-63 R: with integrated smoke detector

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*	*Passed (Size 3-6)*
	5.1.3 Preventing the release	*Passed (Size 3-6)*
	5.1.4 Voltage supply	*24 V/ DC; Residual ripple 30 %: Passed (Size 3-6)*
	5.1.5 Extern electrical connection	*Passed*
	5.1.6 Inlet for external cable management	*Passed*
	5.2.1 General	*Passed*
	5.2.2 Electrical release	*Passed (Size 3-6)*
	5.2.5 Hold-open angle	*Passed (Size 3-6)*
	5.2.6 Manual disengagement	*Passed (Size 3-6)*
	5.2.7 Continuous hold-open	*Not applicable*
	5.2.8 Overload behaviour	*Passed (Size 3-6)*
	5.2.9 Shutter release delay	*Passed (Size 3-6)*
	5.2.10 Electrical power	*Passed (Size 3-6)*
	5.2.11 Temperature increase	*Passed (Size 3-6)*
	5.2.12 Damage	*Passed (Size 3-6)*
	5.2.13 Suitability for fire-/smoke protection doors	*Class 1: Passed*
Durability of the ability to release	*5.2.4 Durability* *ECO FTS-63, ECO FTS-63 R*	*Class 8 (500 000 Cycles): Passed*
	5.2.14 Corrosion resistance	*Not required Class 0*
	5.2.14.1	*Not required Class 0*
	5.2.14.2	*Not required Class 0*
	5.2.14.3	*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 TS-51*	
	5.2.1 General	*Passed*
	5.2.3 Closing torque	*Passed (Size 1-4)*
	5.2.4 Opening torque	*Passed (Size 1-4)*
	5.2.5 Efficiency	*Passed (Size 1-4)*
	5.2.6 Closing time	*Passed*
	5.2.7 Opening angle	
	Door-leaf fixing, pull side	*Passed (Class 3)*
	5.2.8 Overload test	*Passed (Size 1-4)*
	5.2.9 Temperature dependence	*Passed (Size 1-4)*
	5.2.10 Leakage	*Passed (Size 1-4)*
	5.2.11 Damage	*Passed (Size 1-4)*
	5.2.12 Latch regulation	*Passed (Size 1-4)*
	5.2.13 Back check	*Passed (Size 1-4)*
	5.2.14 Delayed action	*Not applicable*
	5.2.15 Adjustable force	*Passed (Size 1-4)*
	5.2.16 Free play at zero position	*Not applicable*
	5.2.18 Use of fire-/ smoke protection doors	*Class 1: Passed*
Durability Self-closing	*5.2.2 Durability*	*Class 8 (500 000 Cycles):Passed*
	5.2.17.1 Corrosion resistance	*Class 3 (96h): Passed*
	5.2.17.2 Corrosion resistance	*Class 3 (96h): Passed*
	5.2.17.3 Corrosion resistance	*Class 3 (96h): 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 TS-61*	
	5.2.1 General	*Passed*
	5.2.3 Closing torque	*Passed (Size 2-5)*
	5.2.4 Opening torque	*Passed (Size 2-5)*
	5.2.5 Efficiency	*Passed (Size 2-5)*
	5.2.6 Closing time	*Passed*
	5.2.7 Opening angle	
	Door-leaf fixing, pull side	*Passed (Class 3)*
	5.2.8 Overload test	*Passed (Size 2-5)*
	5.2.9 Temperature dependence	*Passed (Size 2-5)*
	5.2.10 Leakage	*Passed (Size 2-5)*
	5.2.11 Damage	*Passed (Size 2-5)*
	5.2.12 Latch regulation	*Passed (Size 2-5)*
	5.2.13 Back check	*Passed (Size 2-5)*
	5.2.14 Delayed action	*Not applicable*
	5.2.15 Adjustable force	*Passed (Size 2-5)*
	5.2.16 Free play at zero position	*Not applicable*
	5.2.18 Use of fire-/ smoke protection doors	*Class 1: Passed*
Durability Self-closing	*5.2.2 Durability*	*Class 8 (500 000 Cycles):Passed*
	5.2.17.1 Corrosion resistance	*Class 4 (240h): Passed*
	5.2.17.2 Corrosion resistance	*Class 4 (240h): Passed*
	5.2.17.3 Corrosion resistance	*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 TS-61*	
	5.2.1 General	*Passed*
	5.2.3 Closing torque	*Passed (Size 5-6)*
	5.2.4 Opening torque	*Passed (Size 5-6)*
	5.2.5 Efficiency	*Passed (Size 5-6)*
	5.2.6 Closing time	*Passed (Size 5-6)*
	5.2.7 Opening angle	
	Door-leaf fixing, pull side	*Class 3: Passed*
	5.2.8 Overload test	*Passed (Size 5-6)*
	5.2.9 Temperature dependence	*Passed (Size 5-6)*
	5.2.10 Leakage	*Passed (Size 5-6)*
	5.2.11 Damage	*Passed (Size 5-6)*
	5.2.12 Latch regulation	*Passed (Size 5-6)*
	5.2.13 Back check	*Passed (Size 5-6)*
	5.2.14 Delayed action	*Not applicable*
	5.2.15 Adjustable force	*Passed (Size 5-6)*
	5.2.16 Free play at zero position	*Not applicable*
	5.2.18 Use of fire-/ smoke protection doors	*Class 1: Passed*
Durability Self-closing	*5.2.2 Durability*	*Class 8 (500 000 Cycles):Passed*
	5.2.17.1 Corrosion resistance	*Class 4 (240h): Passed*
	5.2.17.2 Corrosion resistance	*Class 4 (240h): Passed*
	5.2.17.3 Corrosion resistance	*Class 4 (240h): Passed*
Dangerous substances	*Annex ZA.3*	*The manufacturer has not declared any dangerous substances.*