

Prüfen · Überwachen · Zertifizieren

Certificate of constancy of performance 0432-CPR-00099-12

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

ECO TS-51, ECO TS-52, ECO TS-61

Door Closer with a controlled closing-sequence for single- and double leaf doors in accordance with the combination and classification in Annex 2

placed on the market under the name or trade mark of

ECO Schulte GmbH & Co.KG

Iserlohner Landstraße 89 58706 Menden, Deutschland

and produced in the manufacturing plant(s)

DO 2.32

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

EN 1154:1996/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 27.10.2017 and will remain valid until 27.10.2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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, 07.11.2017

By order

Penning Deputy Head of Certification Body

This Certificate consists of 1 page and 2 annex(es). This Certificate replaces the Certificate no. 0432-CPR-00099-12 dated 27.10.2017, Version 01.







Manufacturing Plant

Product	Manufacturing Plant
Door Closer with slide	ECO Schulte Door Technology Zhuhai Co. Ltd.
channel arm assembly	No.31, Zhuhai Free trade Zone
channel arm assembly	519030 Zhuhai, Guangdong
	People's Republic of China
	DO2.32





List of Products

Type: "ECO TS-51 EN 1-4"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (long)

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Frame fixing, push side in accordance with manufacturer specification

Size: 1 - 4

Classification: Door-leaf fixing, pull side

481-4113

Frame fixing, push side

381-4113

Manufacturing Plant: DO 2.32



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Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	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 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	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 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 3 (96h)
,	5.2.17.2 corrosion resistance	passed class 3 (96h)
	5.2.17.3 corrosion resistance	passed class 3 (96h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.



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List of Products

Type: "ECO TS-51 G"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (long)

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Frame fixing, push side in accordance with manufacturer specification

Size: 1 - 4

Classification: Door-leaf fixing, pull side

481-4113

Frame fixing, push side

381-4113

Manufacturing Plant: DO 2.32

Remarks: Optionally with and without mounting plate. For band gap





Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	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 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	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 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 3 (96h)
	5.2.17.2 corrosion resistance	passed class 3 (96h)
	5.2.17.3 corrosion resistance	passed class 3 (96h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.



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List of Products

Type: "ECO TS-52 EN 2-5"

Description: Hydraulic door closer with controlled closing sequence

Arm system: slide channel arm assembly

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Door-leaf fixing, push side in accordance with manufacturer specification Frame fixing, pull side in accordance with manufacturer specification Frame fixing, push side in accordance with manufacturer specification

Size: 2 -

Classification: Door-leaf fixing, pull side

482-5114

Door-leaf fixing, push side

382-5114

Frame fixing, pull side

482-5114

Frame fixing, push side

382-5114

Manufacturing Plant: DO 2.32



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Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	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	passea
	Door-leaf fixing, pull side	passed(class 4)
	Door-leaf fixing, push side	passed(class 3)
	Frame fixing, pull side	passed(class 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	5.2.13 back check	not applicable
	5.2.14 delayed action	not applicable
	5.2.15 adjustable force	passed (size 2-5)
	5.2.16 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
,	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared
	110	any dangerous substances.



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List of Products

Type: "ECO TS-61 EN 2-5"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (short and long)

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Frame fixing, push side in accordance with manufacturer specification

Size: 2 - 5

Classification: Door-leaf fixing, pull side

482-5114

Frame fixing, push side

382-5114

Manufacturing Plant: DO 2.32



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Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	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 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	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 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared
		any dangerous substances.



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List of Products

Type: "ECO TS-61 G EN 2-5"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (long)

Installation: Door-leaf fixing, push side in accordance with manufacturer specification

(standard installation)

Frame fixing, pull side in accordance with manufacturer specification

Size: 2 - 5

Classification: Door-leaf fixing, push side

382-5114

Frame fixing, pull side

482-5114

Manufacturing Plant: DO 2.32



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Intended Use:

5.2.1 general 5.2.3 closing torque 5.2.4 opening torque 5.2.5 efficiency 5.2.6 closing time	passed passed (size 2-5) passed (size 2-5) passed (size 2-5)
5.2.3 closing torque 5.2.4 opening torque 5.2.5 efficiency 5.2.6 closing time	passed (size 2-5) passed (size 2-5) passed (size 2-5)
5.2.4 opening torque 5.2.5 efficiency 5.2.6 closing time	passed (size 2-5) passed (size 2-5)
5.2.6 closing time	
5.2.6 closing time	
_	passed
5.2.7 opening angle	•
	passed(class 3)
	passed(class 4)
5.2.8 overload test	passed
5.2.9 temperature dependence	passed
5.2.10 leakage	passed
5.2.11 damage	passed
5.2.12 latch regulation	passed
5.2.13 back check	passed (size 2-5)
5.2.14 delayed action	not applicable
· ·	passed (size 2-5)
	not applicable
	passed (class 1)
5.2.2 durability	passed (class 8)
5.2.17.1 corrosion resistance	passed class 4 (240h)
5.2.17.2 corrosion resistance	passed class 4 (240h)
5.2.17.3 corrosion resistance	passed class 4 (240h)
Annex ZA.3	According to the manufacturer, there are no dangerous substances.
	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 play at zero point position 5.2.18 use on fire-/ smoke doors 5.2.2 durability 5.2.17.1 corrosion resistance 5.2.17.2 corrosion resistance 5.2.17.3 corrosion resistance



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List of Products

Type: "ECO TS-61 EN 2-6"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (short and long)

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Frame fixing, push side in accordance with manufacturer specification

Size: 2 - 6

Classification: Door-leaf fixing, pull side

482-6114

Frame fixing, push side

382-6114

Manufacturing Plant: DO 2.32



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Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	5.2.1 general	passed
, ,	5.2.3 closing torque	passed (size 2-6)
	5.2.4 opening torque	passed (size 2-6)
	5.2.5 efficiency	passed (size 2-6)
	5.2.6 closing time	passed
	5.2.7 opening angle	
	Door-leaf fixing, pull side	passed(class 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	5.2.13 back check	passed (size 2-6)
	5.2.14 delayed action	not applicable
	5.2.15 adjustable force	passed (size 2-6)
	5.2.16 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.



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List of Products

Type:

"ECO TS-61 G EN 2-6"

Description:

Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system:

slide channel arm assembly (long)

Installation:

Door-leaf fixing, push side in accordance with manufacturer specification

(standard installation)

Frame fixing, pull side in accordance with manufacturer specification

Size:

2-6

Classification:

Door-leaf fixing, pull side

382-6114

Frame fixing, push side

482-6114

Manufacturing Plant:

DO 2.32

Remarks:



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Intended Use:

Essential properties	Clauses with requirements in	Performance of the product
Essertita. properties	EN 1154:1996/A1:2002/AC:2006	renjormance of the product
Self-closing	5.2.1 general	passed
	5.2.3 closing torque	passed (size 2-6)
	5.2.4 opening torque	passed (size 2-6)
	5.2.5 efficiency	passed (size 2-6)
	5.2.6 closing time	passed
	5.2.7 opening angle	
	Door-leaf fixing, push side	passed(class 3)
	Frame fixing, pull side	passed(class 4)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	5.2.13 back check	passed (size 2-6)
	5.2.14 delayed action	not applicable
	5.2.15 adjustable force	passed (size 2-6)
	5.2.16 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances.



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List of Products

Type: "ECO TS-61 G EN 3-6"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (long)

Installation: Door-leaf fixing, push side in accordance with manufacturer specification

(standard installation)

Frame fixing, pull side in accordance with manufacturer specification

Size: 3 - 6

Classification: Door-leaf fixing, pull side

383-6114

Frame fixing, push side

483-6114

Manufacturing Plant: DO 2.32



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Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	5.2.1 general	passed
, ,	5.2.3 closing torque	passed (size 3-6)
	5.2.4 opening torque	passed (size 3-6)
	5.2.5 efficiency	passed (size 3-6)
	5.2.6 closing time	passed
	5.2.7 opening angle	
	Door-leaf fixing, push side	passed(class 3)
	Frame fixing, pull side	passed(class 4)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	5.2.13 back check	passed (size 3-6)
	5.2.14 delayed action	not applicable
	5.2.15 adjustable force	passed (size 3-6)
	5.2.16 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared
4		any dangerous substances



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List of Products

Type: "ECO TS-61 EN 5-6"

Description: Hydraulic door closer with controlled closing sequence and adjustable

back check

Arm system: slide channel arm assembly (short and long)

Installation: Door-leaf fixing, pull side in accordance with manufacturer specification

(standard installation)

Frame fixing, push side in accordance with manufacturer specification

Size: 5 - 6

Classification: Door-leaf fixing, pull side

485-6114

Frame fixing, push side

385-6114

Manufacturing Plant: DO 2.32





Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	5.2.1 general	passed
con accoming	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
	5.2.7 opening angle	
	Door-leaf fixing, pull side	passed(class 4)
	Frame fixing, push side	passed(class 3)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	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 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	According to the manufacturer, there are no dangerous substances.



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List of Products

Type: "ECO TS-61 G EN 5-6"

Description: Hydraulic door closer with controlled closing sequence and adjustable

opening dampening

Arm system: slide channel arm assembly (long)

Installation: Door-leaf fixing, push side in accordance with manufacturer specification

(standard installation)

Frame fixing, pull side in accordance with manufacturer specification

Size: 5 - 6

Classification: Door-leaf fixing, push side

385-6114

Frame fixing, pull side

485-6114

Manufacturing Plant: DO 2.32





Intended Use:

Essential properties	Clauses with requirements in EN 1154:1996/A1:2002/AC:2006	Performance of the product
Self-closing	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
	5.2.7 opening angle	
	Door-leaf fixing, push side	passed(class 3)
	Frame fixing, pull side	passed(class 4)
	5.2.8 overload test	passed
	5.2.9 temperature dependence	passed
	5.2.10 leakage	passed
	5.2.11 damage	passed
	5.2.12 latch regulation	passed
	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 play at zero point position	not applicable
	5.2.18 use on fire-/ smoke doors	passed (class 1)
Durability	5.2.2 durability	passed (class 8)
Self-closing	5.2.17.1 corrosion resistance	passed class 4 (240h)
	5.2.17.2 corrosion resistance	passed class 4 (240h)
	5.2.17.3 corrosion resistance	passed class 4 (240h)
Dangerous substances	Annex ZA.3	The manufacturer has not declared any dangerous substances