



PIV Prüfinstitut Schlösser und Beschläge Velbert
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Certificate of Constancy of Performance

1309 - CPR - 0421

(version: 02)

In accordance with the EU Regulation No 305/2011 of the European Parliament and of the Council from 09. March 2011 (Construction Products Regulation or CPR) this certificate shall apply to the construction product

**Emergency exit device with handle or
push plate for doors in escape routes**

**Item number: See enclosure to
the certificate of constancy of performance**

placed on the market under the name or the trade name of

**CARL FUHR GmbH & Co. KG
Carl-Fuhr-Str. 12
D-42579 Heiligenhaus**

and produced in the manufacturing facility

**D-42579 Heiligenhaus
Carl-Fuhr-Str. 12**

This certificate attests that all provisions of the assessment and verification of constancy of the performance according to the description in annex ZA of the standard

EN 179:2008

within the scope of the system 1 for the performance according to the information given in this certificate, and that

the performance of the construction product is consistently rated as resistant.

Produkt classification key see enclosure to the certificate

This certificate was initially created on the **06. March 2020** and shall remain valid until either the harmonized standard of the construction product, the system of assessment and verification of constancy of performance or the production conditions at the plant are changed, or suspended until the certificate of the notified certification body is suspended or revoked.

D-Velbert, 16. March 2021

This certificate has a total of 13 pages
and replaces the certificate no. 1309-CPR-0421,
version 01 from 19.06.2020.



Gregor Röhling
Gregor Röhling, Dipl.-Ing. (FH)
Deputy Head of Certification Body



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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
Ability for release (of doors in escape routes) Release function Actuation for release Construction of the handle Double-leaf door Protruding edges and corners Installation of the handle Protrusion of the control panel Protrusion of the control elements Free end of the handle Actuating distance of the handle Test rod Actuation for release with push plate Accessible free space Free movement of the door Upward running driving bolt rods Locking counterparts Dimensions of the locking counterparts Dimensions and mass of the door External access device Release forces Requirements towards security (burglary protection)	4.2.1	none	$\leq 1 \text{ s}$ passed Type A/B: passed passed $\geq 0.5 \text{ mm}$ Type A ($X \geq 120 \text{ mm}$; $Z \leq 150 \text{ mm}$) Type B ($Z \leq 250 \text{ mm}$) Class 1 ($W \leq 150 \text{ mm}$) Class 2 ($W \leq 100 \text{ mm}$) $V \geq 18 \text{ mm}$ $U \geq 40 \text{ mm}$; $W \leq 100 \text{ mm}$; $\alpha \leq 30^\circ$ Type A (test block) Type B ($R \geq d25 \text{ mm}$) passed passed 20 mm passed passed passed $H \leq 15 \text{ mm}$; $M \leq 45^\circ$; $P \leq 3 \text{ mm}$ $\leq 1320 \text{ mm}$ width, 4000 mm height, door mass class 6 $\leq 200 \text{ kg}$) passed Type A ($\leq 70 \text{ N}$) or type B ($\leq 150 \text{ N}$) Class 2 (1000N) or class 4 (3000N) or class 5 (5000N)



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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
Lasting functionality in terms of the ability for release compared with aging and loss of quality (for doors in escape routes) Corrosion resistance Temperature range Covers for driving bolt rods Lubrication Closing force Lasting functionality Resistance of the control element against misuse Resistance of the driving bolt rod against abuse Final examination	4.2.1	none	Class 3: 96 h) Type A: ≤ 100 N Type B: ≤ 220 N Actuating force at -10°C and $+60^{\circ}\text{C}$ passed Single part: NPD Double part: NPD 20,000 cycles ≤ 50 N (Application area of the door of class B/D 200,000 cycles, class 7) (Application area of the door of class A: 200,000 cycles, class 7) 500 N and 1000 N 500 N and 1000 N Type A: ≤ 70 N Type B: ≤ 150 N
Ability to close automatically Close C (of fire protection doors/smoke protection doors in escape routes) Closing force	4.2.1	none	≤ 50 N



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Essential features	Sections of this European standard	Mandated levels and/or classes	Notes
Lasting functionality in terms of the ability for the ability to close automatically compared with aging and loss of quality (of fire protection doors/smoke protection doors in escape routes) Lasting functionality Closing force	4.2.1	none	(Application area of the door of class B/D: 200,000 cycles, class 7) (Application area of the door class A: 200,000 cycles, class 7) ≤ 50 N
Fire resistance capabilities E (room closure) and I (thermal insulation) (of fire protection doors in escape routes)	4.2.1	none	Class 0 Class B MPA Braunschweig: PB 3019/2006 from 20.02.2006, ift Rosenheim: PB 12-000687-PR01 from 13.08.2012.
Dangerous substances	4.1.29 Note 2 in certification order1	none	not passed: The manufacturer declares that the product contains no hazardous substances or release them beyond the maximum levels specified in European standards and national regulations.



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Emergency exit devices EN 179

No.	Description	Function	L-Type	Backset in mm	Distance	Forend in mm	Accessories/ Remark	Classification										Cmb	Handle
								1	2	3	4	5	6	7	8	9	10		
1	autosafe 833P Typ 4 „Automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	5	1/2	A/B ^{*)}	B/D ^{*)}		1-24
2	autosafe 833P Typ 4 „Automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	5	1/2	A/B ^{*)}	A		1-24
3	autotronic 834P Typ 4 „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	5	1/2	A/B ^{*)}	B/D ^{*)}		1-24
4	autotronic 834P Typ 4 „Automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	5	1/2	A/B ^{*)}	A		1-24
5	autosafe 833P Kindergarten solution „Automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-65	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
6	autotronic 834P Kindergarten solution „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-65	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	6	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
7	autosafe 835P Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
8	autotronic 836P Typ 10 „Elektronik automatic multi point locking system with anti-panic function“	I und IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
9	autosafe 835P Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	A		1-24
10	autotronic 836P Typ 10 „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	A		1-24



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								1	2	3	4	5	6	7	8	9	10		
11	autosafe 835P xxx Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
12	autotronic 836P xxx Typ 10 „Elektronic automatic multi point locking system with anti-panic function“	I and IV 1)	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	B/D		1-24
13	autosafe 835P xxx Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	A		1-24
14	autotronic 836P xxx Typ 10 „Elektronic automatic multi point locking system with anti-panic function“	I and IV 1)	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 9 mm Table of accessories ^{*)}	3	7	7	0	1	3	5	1/2	A/B ^{*)}	A		1-24
15	multisafe 870 MP352xxxx MP402xxxx MP452xxxx MP552xxxx MP652xxxx „Inactive-leaf shutter incl. locking set (xxxx stands for profile-spezifc item number)“	Ia	C	35-80		Flat: 16 - 30	Square: 8 and 9 mm	3	7	7	0	1	3	2	1/2	A/B ^{*)}	C	18, 23	1-24
16	multisafe 870 Typ 3 multisafe 870 GL Typ 3 „Multi point locking system with anti-panic function“	I and IIIa	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 8 and 9 mm Table of accessories ^{*)}	3	7	7	B ^{*)}	1	3	4	1/2	A/B ^{*)}	B/D ^{*)}		1-24
17	multisafe 870 Typ 8 „Multi point locking system with anti-panic function“	I and IIIa	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 8 and 9 mm Table of accessories ^{*)}	3	7	7	B ^{*)}	1	3	2	1/2	A/B ^{*)}	B/D ^{*)}		1-24
18	multisafe 870 Typ 8 Version 2-leaf „Multi point locking system with anti-panic function“	I and IIIa	A	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30	8 and 9 mm MAU 600- End locking bottom MAO 520 MAO 670 MAO 650 End locking top max. 2405 mm fold height 16 and 20 mm flat forend	3	7	7	0	1	3	2	1/2	A/B ^{*)}	A		1-24
19	multisafe 870 Typ11 multisafe 870 GL Typ11 „Multi point locking system with anti-panic function“	I and IIIa	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Square: 8 and 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	5 ^{*)}	1/2	A/B ^{*)}	B/D ^{*)}		1-24
20	multisafe 871 „Mortise lock with anti-panic function“	I and IIIa	B/D	35-80	72 mm PC 92 mm PC 74 mm RC 94 mm RC	Flat: 16 - 30 U-forend: 22 - 30	Square: 8 and 9 mm Table of accessories ^{*)}	3	7	6	B ^{*)}	1	3	2	1/2	A/B ^{*)}	B/D ^{*)}		1-24



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L-Type (Lock-Types)	
L-Type A	Lock for 1-leaf doors outward opening Lock for 2-leaf doors outward opening active- or inactive leaf
L-Type B	Lock for 1-leaf doors outward opening
L-Type C	Lock for 2-leaf doors outward opening: only inactive leaf
L-Type D	Lock for 1-leaf doors inward opening



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Description of functions	
Function "I"	One-piece follower, all the time effective panic exit device function from the inside. From the inside the opening by the fitting is always possible. From the outside opening is possible with the key by latch lever. (Latch lever function E)
Function "Ia"	One-piece follower, permanently acting escape door function. The opening of both leaves from inside via hardware by the inactive-leaf is always possible. (Counter box)
Function "IIIa"	For 870. Split follower, all the time effective panic exit device function from the inside. From the inside the opening by the indoor fitting is always possible. The outdoor fitting only actuates the latch. From the outside the bolt is operated by key <u>only</u> . After an inside actuation of hardware the door can be opened from the outside till manual re-locking. (Access function D)
Function "IV"	Split follower, all the time effective panic exit device function from the inside. From the inside the opening by the indoor fitting is always possible. The outside fitting is permanently engaged or permanently disengaged via key. From the outside the bolt is operated by key only. After an inside actuation of hardware, the door cannot be opened by hardware from the outside. (Shift function B)
Function "IVa"	For 881. Split follower, all the time effective panic exit device function from the inside. From the inside the opening by the indoor fitting is always possible. The outdoor fitting only actuates the latch. In its basic position the door is locked electronically. From the outside the bolt is operated by key, access control, remote control, etc .. <u>only</u> . After an inside actuation of hardware the door cannot be opened in its basic position by hardware from the outside. Control system can be adjusted to daytime operation. Thus the multi-point locking is unlocked and can be actuated by handle from the inside and outside. (Shift function B)

- 1) Controlled latch locking device: By the actuation of the fitting all locking components are retracted and are locked in this position by the key of the profile cylinder. The locking components remain withdrawn up to the next actuation of the key. Not acceptable for fire doors and smoke control doors.

Door leaf height: The max. door leaf height must not exceed 4000 mm. The ability to release and proper functioning of high doors must be demonstrated by the manufacturer of the escape door.

Door leaf width: 1320 mm

Door leaf weight: 200 kg at no.: 1 – 6, 15 – 24, 26
 400 kg at no.: 7 – 14, 25

For gear locks in escape doors, use tested profile cylinders with freewheel function with the corresponding FZG marking.



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Table of accessories *1)

Manufacturer	Product description	Remark
CARL FUHR GmbH & Co. KG	MPS	Switching lock
CARL FUHR GmbH & Co. KG	MPSU	Spacer to switching lock
CARL FUHR GmbH & Co. KG	MPM280N	Pushing flap
CARL FUHR GmbH & Co. KG	MPQRG0950 MPQRG1500 RS26720	Round rod bottom Rod tube top Rod guide
CARL FUHR GmbH & Co. KG	Extensions Type 4, Type 10 MVxxx up to forend length 1200 mm	
WILKA Schließtechnik GmbH	4685	Switching lock
WILKA Schließtechnik GmbH	9648.000007	Rod l = 3000 mm
dormakaba Deutschland GmbH	MK 397	Pushing flap

Accepted striking plates

Manufacturer	Product description	Remark
CARL FUHR GmbH & Co. KG	All striking plates from the area of wood, aluminum/steel and plastic One-piece keep Rxxxx Keeper Rxxxx	xxxxx stands for profile-dependent item number of FUHR keeps
CARL FUHR GmbH & Co. KG	Striking plate inactive-leaf top MPRNR xxxx MPRRV xxxx RNR xxxx MPRRVH xxxx	
CARL FUHR GmbH & Co. KG	Striking plate inactive-leaf bottom (Guide piece) MPRNR xxxx RNR xxxx	
CARL FUHR GmbH & Co. KG	Latchbolt-Striking plate RNVV xxxxx RVV xxxx	
CARL FUHR GmbH & Co. KG	Guide piece MPRxxx Keep U24x5x240 Typ 4/10/11 (Item no.: 5-58-649Z/3) F+R- Striking plate U24x5 (Item no.: 5-58-684/3)	
WILKA Schließtechnik GmbH	P696.000001	
WICONA	W6920048 and W6920740	Ground sleeve



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Accepted E-Opener

Manufacturer	Product description	Remark
Reynaers Aluminium NV	061.6220.--	Vector door opener
	061.6221.--	Vector door opener
	061.6222.--	Vector door opener
	061.6223.--	Vector door opener
GEZE GmbH	A4010L-KB	Vector door opener
	A4011L-KB	Vector door opener
	A4300-KB	Vector door opener
	A4301-KB	Vector door opener
CARL FUHR GmbH & Co. KG	E-MOTION	Electro-door opener with radius latch
ASSA ABLOY Sicherheitstechnik GmbH	142U, 131, 118 Profix 2	Electro-door opener

Accepted door guard

Manufacturer	Product description	Remark
GfS Hamburg	GfS Standard door guard GfS EH-Door guard	
ASSA ABLOY Sicherheitstechnik GmbH	Exitalarm	Test certificate 20004335.02 MPA NRW

Accepted motor drives for the inactive leaf closure

Manufacturer	Product description	Remark
GEZE GmbH	GEZE IQ lock AuT 153755	Is adapted between the counter box and the switching lock.
GEZE GmbH	Backset adapter 152107	(Use for 45 mandrel 3 x backset adapter)
GEZE GmbH	Hardware bag 152718 for 35 mandrel or 152720 für 45 mandrel	
GEZE GmbH	Round rod top 1000 mm 156709 Round rod top 1500 mm 156710 Round rod top 2.000 mm 156711 Round rod top 2.500 mm 156722	(max. DH 2.690 mm) (max. DH 3.190 mm) (max. DH 3.690 mm) (max. DH 4.000 mm)

GEZE items only use in conjunction with the FUHR items MPXxxxNSET.



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Accepted handle sets - Type A and Type B

Handle	Manufacturer	Product description	Coding	Remark
1	CARL FUHR GmbH & Co. KG	MD870Dxxx		xxx stands for version
2	Voskamp	VOS-V9071/208 AP hardware		
3	OGRO Beschlagtechnik GmbH	Signs series ZS 6500 up to 7020 Handle series 8100FS up to 8998AFS	DO 20.4.01 DO 20.4.02	
4	dormakaba Austria GmbH	All sets according to EN 179 with opposite coding	DO 20.1.01 DO 20.1.02	
5	dormakaba Austria GmbH	c-lever c-lever compact c-lever compact K6 c-lever PRO	DO 20.31 DO 6.22 DO 6.21	
6	Rohrbacher Schlosswarenfabrik Wilh. Grundmann GmbH	All sets according to EN 179 with opposite coding	DO 20.26.01 DO 20.26.02	
7	Glutz AG	All sets according to EN 179 with opposite coding	DO 20.21.01 DO 20.21.02	
8	HOPPE AG	All sets according to EN 179 with opposite coding	DO 20.20.01 DO 20.20.02 DO 20.2.02- RD DO 20.5.01 DO 20.5.02 DO 20.5.02- RD DO 20.7.01 DO 20.7.02	
9	VBH	Series 2017 up to 2526 and 6011 Series 2018 and 6001 up to 6024		
10	HAFI Beschläge GmbH	Series 202, 205, 207, 209, 223, 224, 225	DO 20.32.01 DO 20.32.02	
11	Franz Schneider Brakel GmbH + Co KG	Series 791002 – 791260	DO 20.3.01 DO 20.3.02	
12	HEWI Heinrich Wilke GmbH	111X, 112X, 113X, 114X, 165X, 166X, 161X, 163X, 171X		
13	ECO Schulte GmbH & Co. KG	D 110, D 115, D 116, D 120, D 190, D 330, D 335, D 410, D 415, D 490	DO 20.1.01 DO 20.1.02	
14	Wilhelm May GmbH	2018		
15	AMI BV	DKR 394 DD55 und DD40		
16	KAWNEER	234583 + 234580 + 270725 + 8002 259 + 8002 251 + 8002 253		
17	Erich Dieckmann GmbH	Edi FS-Handle sets	DO 20.16	
18	Hermat-Metallwaren B. Porst GmbH	All sets according to EN 179	ift 235- 8000244	
19	Reynaers Aluminium NV	061.7111.PC, 061.7124.PC, 061.7125.-, Q525 Binnenkruk L/R 061.7441.17, Q525 Buitenruk L/R 061.7434.17, 061.8733.XX, 061.8734.XX, 061.8737.XX, 061.7461.XX, 061.7424.XX, 061.7442.XX, 061.7452.XX,		
20	AXA NEDERLAND	6662-63-11/92		
21	Vieler Architectural Hardware GmbH	RT 114, RT 142, RT 147, RT 522, RT 524, RT 548, RT 803 und RT 811		



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Handle	Manufacturer	Product description	Coding	Remark
22	NORMBAU GmbH	EST.ZG FW 41.9/77 PZ, EST.21, EST.51, EST.71, EST.111, EST.1121, EST.1141 und EST.1161		
23	SOBINCO NV	061.8733.XX, 061.8734.XX, 061.8737.XX		
24	HEWI Heinrich Wilke GmbH	FSDG550.08	DO 20.13.02	Push handle set type B

Accepted squares

Manufacturer	Product description	Remark
CARL FUHR GmbH & Co. KG	POM870xxx	xxx stands for the length 50 mm/ 60 mm/ 70 mm/ 80 mm
CARL FUHR GmbH & Co. KG	PVZS120Gxx PVZS120Sxx	Double part pins xx stands for the length 53 mm/ 60 mm/ 67 mm/ 74 mm 39 mm/ 48 mm/ 55 mm/ 62 mm/ 69 mm
CARL FUHR GmbH & Co. KG	PV9xxxV	xxx stands for the length 60 mm/ 70 mm/ 100 mm
ECO Schulte GmbH & Co. KG	9011xx.xx 9006xx.xx 9080xx.xx	xx stands for the length
ECO Schulte GmbH & Co. KG	1190079x4300030	x stands for the length