



PIV Prüfinstitut Schlösser und Beschläge Velbert
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1309

Certificate of Constancy of Performance

1309 - CPR - 0422

(version: 01)

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

Panic exit devices with horizontal operating rod 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 1125:2008

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 Klassifizierungsschlüssel siehe Anlage zum Zertifikat

This certificate was initially created on the **19. June 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-0422,
version 00 from 19.06.2020.




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 (locked doors in escape routes) Release function Attachment of the panic door lock Protruding edges and corners Double-leaf door Installation of the control rod Length of the control rod Protrusion of the control panel End of the control rod Actuating surface of the rod Test rod Free space of the door leaf surface 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 $\geq 0.5 \text{ mm}$ passed $Z \leq 150 \text{ mm}$ $\geq 60\%$ Class 1 ($W \leq 150 \text{ mm}$) Class 2 ($W \leq 100 \text{ mm}$) passed $V \geq 18 \text{ mm}$ passed $R \geq 25 \text{ mm}$ 20 mm passed passed $H \leq 15 \text{ mm}; M \leq 45^\circ; P \leq 3 \text{ mm}$ $\leq 1320 \text{ mm width, } 4000 \text{ mm height,}$ door mass class 6 ($\leq 200 \text{ kg}$) passed $\leq 80 \text{ N and } \leq 220 \text{ N under } 1000 \text{ N pressure}$ Class 2



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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 (locked doors in escape routes) Corrosion resistance Temperature range Covers for driving bolt rods Lubrication Closing force Lasting functionality Resistance of the horizontal operating rod against abuse Resistance of the driving bolt rod against abuse Final examination	4.2.1	none	Class 3: 96 h Actuating force at -10°C and +60°C passed Single-leaf: NPD Double-leaf: NPD 20,000 cycles ≤ 50 N Application area of the door of class A and B: 200,000 cycles, class 7) 1000 N Single-leaf: NPD Double-leaf: NPD ≤ 80 N and ≤ 220 N under 1000 N pressure
Ability to close automatically Close C (of fire protection doors/smoke protection doors in escape routes) Closing force	4.2.1	none	≤ 50N
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 class A and B: 200,000 cycles, class 7) ≤ 50N



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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.
Control of hazardous substances	4.1.25 ZA.1	none	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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Panic exit devices EN 1125

No.	Description	Function	L-Type	Backset in mm	Distance	Forend in mm	Accessories/ Remark	Classification										Cmb
								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	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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B	B	
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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B ¹⁾	A	
3	autotronic 834P Typ 4 „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B	B	
4	autotronic 834P Typ 4 „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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B ¹⁾	A	
5	autosafe 833P Kindergarten solution „Automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	6	0	1	3	2	1/2	A/B	B	
6	autotronic 834P Kindergarten solution „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	6	0	1	3	2	1/2	A/B	B	
7	autosafe 835P Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	B	
8	autotronic 836P Typ 10 „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	B	
9	autosafe 835P Typ 10 „Automatische Mehrfachverriegelung mit Antipanikfunktion“	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	A	
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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	A	



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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)	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	A	
12	autotronic 836P xxx 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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	A	
13	autosafe 835P xxx Typ 10 „Automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	B	
14	autotronic 836P xxx Typ 10 „Elektronik automatic multi point locking system with anti-panic function“	I and IV 1)	B	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 ¹⁾	3	7	7	0	1	3	2	1/2	A/B	B	
15	multisafe 870 MP352xxxxx MP402xxxxx MP452xxxxx MP552xxxxx MP652xxxxx „Inactive-leaf shutter incl. locking set (xxxxx stands for profile-specific 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	17, 21
16	multisafe 870 Typ 8 „Multi point locking system with anti-panic function“	I and IIIa	B	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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B ¹⁾	B	
17	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	Square: 8 and 9 mm MAU 600- End locking bottom MAO 520 MAO 670 MAO 650 End locking top max. 2405 mm old height 16 and 20 mm flat forend	3	7	6	0	1	3	2	1/2	A/B	A	
18	multisafe 870 Typ11 multisafe 870 GL Typ11 „Multi point locking system with anti-panic function“	I and IIIa	B	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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B	B	
19	multisafe 871 „Mortise lock with anti-panic function“	I and IIIa	B	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 ¹⁾	3	7	6	B ¹⁾	1	3	2	1/2	A/B ¹⁾	B	



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No.	Description	Function	L- Type	Backset in mm	Distance	Forend in mm	Accessories/ Remark	Classification										Cmb
								1	2	3	4	5	6	7	8	9	10	
20	multitronic 881 Typ 8 „Elektronic multi point locking system with anti-panic function“	I and IVa	B	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	2	1/2	A/B	B	
21	multitronic 881 Typ 8 „Elektronic multi point locking system with anti-panic function“	I and IVa	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: 8 and 9 mm Table of accessories ^{*)}	3	7	6	0	1	3	2	1/2	A/B	A	
22	multitronic 881 Typ11 multitronic 881 GL Typ11 „Elektronic multi point locking system with anti-panic function“	I and IVa	B	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	2	1/2	A/B	B	
23	MPG xxx MPW xxx MPW xxx – mit Stangenversatz MPX xxx „Anti-panic center box for inactive-leaf of aluminum, steel, wood and plastic doors“ x stands for backset / forend sizes dependent item number	Ia	C	35-90		Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Table of accessories ^{*)}	3	7	7	B ^{*)}	1	3	2	1/2	A/B	C	2, 4, 9, 10, 11, 12
24	MPB65 xxx „Anti-panic center box for inactive-leaf of aluminum, steel, wood and plastic doors“ x stands for backset / forend sizes dependent item number	Ia	C	65		Flat: 16 - 30 U-forend: 22 - 30 Length: up to 2400	Table of accessories ^{*)}	3	7	6	0	1	3	2	1/2	A/B	C	2, 4, 9, 10, 11, 12

^{*)} Necessary modification in the classification (4. Stelle) when using E-opener and the external hardware of AXA Nederland:

X	X	X	0	X	X	X	X	X	X
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Cmb: ossible combination of type A- and type C- shutter on a 2-leaf door

Required rotation angle of the actuating rods:

- No. 1-14 = 27° Rotation angle
- No. 15-22 = 35° Rotation angle
- No 23 = 40° Rotation angle
- No 24 = 45° Rotation angle



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L-Type (Lock-Types)	
L-Type A	Lock for 1-leaf. door Lock for 2-leaf door: Active- or inactive leaf
L-Type B	Lock for 1-leaf door
L-Type C	Lock for 2-leaf door inactive leaf only

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. (For 881 also via access control, remote control, etc...) (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



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Door leaf weight: 200 kg at no.: 1 – 6, 15 – 22
 400 kg at no.: 7 – 14, 23, 24

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

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



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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

Accepted E-Opener

Manufacturer	Product description	Remark
	061.6221.--	Vector door opener, all versions without manual release lever
	061.6223.--	Vector door opener, all versions without manual release lever
GEZE GmbH	A4300-KB	Vector door opener, all versions without manual release lever
	A4301-KB	Vector door opener, all versions without manual release lever
CARL FUHR GmbH & Co. KG	E-MOTION	Electric-Door opener with radius latch, all versions without manual release lever



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Manufacturer	Product description	Remark
ASSA ABLOY Sicherheitstechnik GmbH	142U, 131, 118 Profix 2	Electric door opener all versions without manual release lever

Accepted door guards

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.

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



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Accepted operating rods
„Operating of handrails (Type A)“

Manufacturer	Product description	Remark	Manufacturer
CARL FUHR GmbH & Co. KG	MD870055E Alu	DO 30.01	
CARL FUHR GmbH & Co. KG	MD870057KN (=E92) MD870058KN (=E72) MD870057KNS MD870057KNA (=E92) MD870058KNA (=E72) MD870057KNSA MD870059KN MD870059KNA		Panic-Handrail hardware inactive-leaf (Stainless steel) Panic-Handrail hardware inactive-leaf (Stainless steel) Panic-Handrail hardware inactive-leaf (Stainless steel) (antimicrobial coating) Panic-Handrail hardware inactive-leaf (Stainless steel) (antimicrobial coating) Handrail tube 1200 mm (Stainless steel) Handrail tube 1200 mm (antimicrobial coating)
Locher	TAURUS – PZ92 Alu	DO 30.01	
Südmetail	ÜBAR		03.001-001 to 012.04 active- leaf stainless steel 03.001-001 to 012.84 active- leaf ABACO coating 03.001-021 to 023.04 inactive- leaf
dormakaba Austria GmbH	dormakaba-Panic- ABD+Substr.No.LM92 Stainless steel		
dormakaba Deutschland GmbH	PHA 2500	DO 20.4	
Franz Schneider Brakel GmbH + Co KG	FSB 7980 Alu	DO 30.09	



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Manufacturer	Product description	Remark	Manufacturer
HEWI Heinrich Wilke GmbH	PS160XA Stainless steel PS111XA	DO 30.10	
ECO Schulte GmbH & Co. KG	EPN 900 III Alu	DO 30.03	
	EPN 900 III Stainless steel	DO 30.03	
	EPN 900 IV		Product number 5030018026
	EPN 900 IV Stainless steel		
	EPN 950		
SCHÜCO International KG	Rod handle stainless steel/ alu		B71xx
Wilh. Schlechtendahl & Söhne GmbH & Co. KG	Panic-Rod handle Design-Line PS128 Alu D25 PS128 30x15		
BKS GmbH	B-71xx, B-74xx		

„Push-rod operating (Type B)“

Manufacturer	Product description	Remark
ECO Schulte GmbH & Co. KG	EPN 2000 EPN 2000 II	
dormakaba Austria GmbH	dormakaba-Panic-Push-rod.45°.Niro-PVD	
CISA	Touch-Bar Type 59711.10	
Wilh. Schlechtendahl & Söhne GmbH & Co. KG	PD 99	
ASSA ABLOY (Schweiz) AG Schlosstechnik	GfS e-Bar 700 7x	
BKS GmbH	B-744xx	

When using locking cylinders, the operating element (key, knob, etc.) may not hinder the operation of the panic bar or the push bar in any position.

Accepted external hardware

Manufacturer	Product description
AXA NEDERLAND Energistraat 2 NL-3903 AV Veenendaal	6662-63-11/92
CARL FUHR GmbH & Co. KG	External lever handle