

Certificate of Product Approval

Certificate Number: 312e

Issue: 16

Bradbury Security

Unit 6
Atkinson Way
Foxhills Industrial Estate
Scunthorpe
DN15 8QJ

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Product

MM2M^{2FL}
M2M³
M2M^{3FL}
M2M⁴
M2M^{4FL}
hinged security doorsets

Standard

LPS 1175: Issue 7
Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

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Chris Vurley
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Hinged Security Doorsets

Product Name	Product Type	Minimum Structural Opening Height (m)	Maximum Structural Opening Height (m)	Minimum Structural Opening Width (m)	Maximum Structural Opening Width (m)	Security Rating	LPCB Ref. No.
'M2M ^{2FL} '	Single leaf outward opening plain leafed doorset	1.4	2.45	0.8	1.4	2	312e/04
	Double leaf outward opening plain leafed doorset ⁸	1.4	2.45	1.3	2.7		
'M2M ³ '	Single leaf outward opening plain leafed doorset	1.0 ¹	2.93 ²	0.6 ³	1.43 ⁴	3 ^{5,7}	312e/01
	Single leaf outward opening louvred doorset	1.745	2.43	0.74	1.18	3 ⁶	
	Single leaf outward opening hinged security doorset with removable over panel	1.2 ¹	4.13 ²	0.6 ³	1.43 ⁴	3 ⁷	
	Single leaf inward opening hinged doorset	1.0	2.93	0.6	1.43	3 ⁷	
	Single leaf inward opening hinged doorset with removable over panel	1.2	4.13	0.6	1.43	3 ⁷	
	Double leaf outward opening plain leafed doorset ⁸	1.0 ¹	2.93 ²	0.9 ⁹	2.6 ¹⁰	3 ^{5,7}	
	Double leaf outward opening louvred doorset ⁸	1.745	2.43	1.15	2.2	3 ⁶	
	Double leaf outward opening hinged security doorset with removable over panel	1.2 ¹	4.13 ²	0.9 ⁹	2.6 ¹⁰	3 ⁷	
	Double leaf inward opening hinged doorset	1.0	2.93	0.9	2.6	3 ⁷	
	Double leaf inward opening hinged doorset security doorset with removable over panel	1.2	4.13	0.9	2.6	3 ⁷	
'M2M ^{3FL} '	Single leaf outward opening plain leafed doorset	1.4	2.45	0.8	1.4	3	312e/05
	Double leaf outward opening plain leafed doorset ⁸	1.4	2.45	1.3	2.7		

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Product Name	Product Type	Minimum Structural Opening Height (m)	Maximum Structural Opening Height (m)	Minimum Structural Opening Width (m)	Maximum Structural Opening Width (m)	Security Rating	LPCB Ref. No.
'M2M ⁴ '	Single leaf outward opening hinged doorset	1.0	2.93	0.6	1.43	4 ¹¹	312e/03
	Single leaf outward opening hinged doorset with side and/or over panels	1.0	4.43	0.6	2.93		
	Single leaf inward opening hinged doorset	1.0	2.93	0.6	1.43		
	Single leaf inward opening hinged doorset with side and/or over panels	1.0	4.43	0.6	2.93		
	Double leaf outward opening hinged doorset ⁸	1.0	2.93	0.9	2.6		
	Double leaf outward opening hinged doorset with side and/or over panels	1.0	4.43	0.9	4.1		
'M2M ^{4FL} '	Single leaf outward opening plain leafed doorset	1.4	2.45	0.8	1.4	4	312e/06
	Double leaf outward opening plain leafed doorset ⁸	1.4	2.45	1.3	2.7		

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Approved Locking Configurations

Product Name	Type	Compatible Locking Devices	
		Active Leaf	Passive Leaf
'M2M ³ '	Single leaf outward opening plain leafed doorset ¹²	1, 3 to 182	N/A
	Single leaf outward opening louvred doorset	2	N/A
	Single leaf outward opening hinged security doorset with removeable over panel ¹³	3 to 60	N/A
	Single leaf inward opening hinged doorset	8, 13, 15, 21, 27, 31, 34	N/A
	Single leaf inward opening hinged doorset with removeable over panel	8, 13, 15, 21, 27, 31, 34	N/A
	Double leaf outward opening plain leafed doorset ^{12,13,14}	1, 3 to 182	62, 64, 66, 76, 78, 103, 105, 107, 109, 183 or 184
	Double leaf outward opening louvred doorset	2	183 or 184
	Double leaf outward opening hinged security doorset with removeable over panel ^{12,13,14}	3 to 60	62, 64, 66, 76, 78, 103, 105, 107, 109, 183 or 184
	Double leaf inward opening hinged doorset	8, 13, 15, 21, 27, 31, 34	203
	Double leaf inward opening hinged doorset security doorset with removeable over panel	8, 13, 15, 21, 27, 31, 34	203
'M2M ⁴ '	Single leaf outward opening doorset ¹²	4, 6, 8, 185 to 202	N/A
	Single leaf outward opening hinged doorset with side and/or over panels ¹²	4, 6, 8, 185 to 202	N/A
	Single leaf inward opening hinged doorset	8, 187, 188, 191, 194, 197, 200	N/A
	Single leaf inward opening hinged doorset with side and/or over panels	8, 187, 188, 191, 194, 197, 200	N/A
	Double leaf outward opening hinged doorset ^{12,13,14}	4, 6, 8, 185 to 202	62, 64, 66, 74, 76, 78, 80, 203
	Double leaf outward opening hinged doorset with side and/or over panels ^{12,13,14}	4, 6, 8, 185 to 202	62, 64, 66, 74, 76, 78, 80, 203
'M2M ^{2FL} '	Single leaf outward opening plain leafed doorset	4, 6, 8, 204, 206 to 219	N/A
	Double leaf outward opening plain leafed doorset	4, 6, 8, 204, 206 to 219	205

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Product Name	Type	Compatible Locking Devices	
		Active Leaf	Passive Leaf
'M2M ^{3FL} '	Single leaf outward opening plain leafed doorset	4, 6, 8, 15, 17, 19, 21, 23, 25, 27, 29 to 34, 220, 221	N/A
	Double leaf outward opening plain leafed doorset	4, 6, 8, 15, 17, 19, 21, 23, 25, 27, 29 to 34, 220, 221	205
'M2M ^{4FL} '	Single leaf outward opening plain leafed doorset	4, 6, 8, 188 to 202	N/A
	Double leaf outward opening plain leafed doorset	4, 6, 8, 188 to 202	183

Compatible Locking Devices¹⁵

Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
1	Hooply	Combat	Multi-point locking system	Key and lever handle	Key and lever handle	AA
2	Bradbury Security	-	4-way locking mechanism	Key and lever handle	Latch mechanism and lever handle	AV to AY
3	Tindall Engineering Limited	Mico Abryll PE2 / ELK3	Single point panic exit device	Key via ELK3 and lever handle	Panic bar	A to Q, CN, CO
4	Tindall Engineering Limited	Mico Abryll PE2	Single point panic exit device	None	Panic bar	-
5	Tindall Engineering Limited	Mico Abryll PE1 / ELK3	Single point emergency exit device	Key via ELK3 and lever handle	Push pad	A to Q, CN, CO
6	Tindall Engineering Limited	Mico Abryll PE1	Single point emergency exit device	None	Push pad	-
7	Tindall Engineering Limited	Mico Abryll PE3 / ELK3	Single point emergency exit device	Key via ELK3 and lever handle	Lever handle	A to Q, CN, CO
8	Tindall Engineering Limited	Mico Abryll PE3	Single point emergency exit device	None	Lever handle	-

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Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
9	Tindall Engineering Limited	Mico Abyrll EM2 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	A to Q, AV to CI, CL to CO, CV
10	Tindall Engineering Limited	Mico Abyrll EM2	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-
11	Tindall Engineering Limited	Mico Abyrll EM1 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	A to Q, AV to CI, CL to CO, CV
12	Tindall Engineering Limited	Mico Abyrll EM1	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
13	Tindall Engineering Limited	Mico Abyrll EM3 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	A to Q, AV to CI, CL to CO, CV
14	Tindall Engineering Limited	Mico Abyrll EM3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-
15	Tindall Engineering Limited	Mico Abyrll AD3 / USCH3	Single point locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV
16	Tindall Engineering Limited	Mico Abyrll AD3	Single point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-

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Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
17	Tindall Engineering Limited	Mico Abryll MD2 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	A to Q, AV to CI, CL to CO, CV
18	Tindall Engineering Limited	Mico Abryll MD2	Single point locking system with manual deadlocking	None	Key or thumbturn and push plate	-
19	Tindall Engineering Limited	Mico Abryll MD1 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	A to Q, AV to CI, CL to CO, CV
20	Tindall Engineering Limited	Mico Abryll MD1	Single point locking system with manual deadlocking	None	Key or thumbturn and push pad	-
21	Tindall Engineering Limited	Mico Abryll MD3 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV
22	Tindall Engineering Limited	Mico Abryll MD3	Single point locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
23	Tindall Engineering Limited	Mico Abryll SATE EM2 / USCH3	Single point panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
24	Tindall Engineering Limited	Mico Abryll SATE EM2	Single point panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Panic bar	-
25	Tindall Engineering Limited	Mico Abryll SATE EM1 / USCH3	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV

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				External Face	Internal Face	
26	Tindall Engineering Limited	Mico Abyrll SATE EM1	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push pad	-
27	Tindall Engineering Limited	Mico Abyrll SATE EM3 / USCH3	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
28	Tindall Engineering Limited	Mico Abyrll SATE EM3	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Lever handle	-
29	Tindall Engineering Limited	Mico Abyrll SATE AD2 / USCH3	Single point panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
30	Tindall Engineering Limited	Mico Abyrll SATE AD1 / USCH3	Single point emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
31	Tindall Engineering Limited	Mico Abyrll SATE AD3 / USCH3	Single point emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
32	Tindall Engineering Limited	Mico Abyrll SATE MD2 / USCH3	Single point panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
33	Tindall Engineering Limited	Mico Abyrll SATE MD1 / USCH3	Single point emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
34	Tindall Engineering Limited	Mico Abyrll SATE MD3 / USCH3	Single point emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV

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				External Face	Internal Face	
35	Tindall Engineering Limited	Mico Abyrll PE2 / EURO ELK3	Single point panic exit device	Key via ELK3 and lever handle	Panic bar	R to Z, CP, CQ, CW
36	Tindall Engineering Limited	Mico Abyrll PE1 / EURO ELK3	Single point emergency exit device	Key via ELK3 and lever handle	Push pad	R to Z, CP, CQ, CW
37	Tindall Engineering Limited	Mico Abyrll PE3 / EURO ELK3	Single point emergency exit device	Key via ELK3 and lever handle	Lever handle	R to Z, CP, CQ, CW
38	Tindall Engineering Limited	Mico Abyrll EPC EM2 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
39	Tindall Engineering Limited	Mico Abyrll EPC EM2	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-
40	Tindall Engineering Limited	Mico Abyrll EPC EM1 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
41	Tindall Engineering Limited	Mico Abyrll EPC EM1	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
42	Tindall Engineering Limited	Mico Abyrll EPC EM3 / USCH3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY

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				External Face	Internal Face	
43	Tindall Engineering Limited	Mico Abyrll EPC EM3	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-
44	Tindall Engineering Limited	Mico Abyrll EPC AD3 / USCH3	Single point locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
45	Tindall Engineering Limited	Mico Abyrll EPC AD3	Single point locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
46	Tindall Engineering Limited	Mico Abyrll EPC MD2 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	AB to AU, CR to CU, CX, CY
47	Tindall Engineering Limited	Mico Abyrll EPC MD2	Single point locking system with manual deadlocking	None	Key or thumbturn and push plate	-
48	Tindall Engineering Limited	Mico Abyrll EPC MD1 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	AB to AU, CR to CU, CX, CY
49	Tindall Engineering Limited	Mico Abyrll EPC MD1	Single point locking system with manual deadlocking	None	Key or thumbturn and push pad	-
50	Tindall Engineering Limited	Mico Abyrll EPC MD3 / USCH3	Single point locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
51	Tindall Engineering Limited	Mico Abyrll EPC MD3	Single point locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
52	Tindall Engineering Limited	Mico Abyrll EPC SATE EM2 / USCH3	Single point panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Panic bar	R to Z, CP, CQ, CW

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				External Face	Internal Face	
53	Tindall Engineering Limited	Mico Abyrll EPC SATE EM1 / USCH3	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	R to Z, CP, CQ, CW
54	Tindall Engineering Limited	Mico Abyrll EPC SATE EM3 / USCH3	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	R to Z, CP, CQ, CW
55	Tindall Engineering Limited	Mico Abyrll EPC SATE AD2 / USCH3	Single point panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW
56	Tindall Engineering Limited	Mico Abyrll EPC SATE AD1 / USCH3	Single point emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
57	Tindall Engineering Limited	Mico Abyrll EPC SATE AD3 / USCH3	Single point emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW
58	Tindall Engineering Limited	Mico Abyrll EPC SATE MD2 / USCH3	Single point panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW
59	Tindall Engineering Limited	Mico Abyrll EPC SATE MD1 / USCH3	Single point emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
60	Tindall Engineering Limited	Mico Abyrll EPC SATE MD3 / USCH3	Single point emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW

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Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
61	Tindall Engineering Limited	Mico 942 / ELK3	2-way panic exit device	Key via ELK3 and lever handle	Panic bar	A to Q, CN, CO
62	Tindall Engineering Limited	Mico 942	2-way panic exit device	None	Panic bar	-
63	Tindall Engineering Limited	Mico 942P / ELK3	2-way emergency exit device	Key via ELK3 and lever handle	Push pad	A to Q, CN, CO
64	Tindall Engineering Limited	Mico 942P	2-way emergency exit device	None	Push pad	-
65	Tindall Engineering Limited	Mico 942L / ELK3	2-way emergency exit device	Key via ELK3 and lever handle	Lever handle	A to Q, CN, CO
66	Tindall Engineering Limited	Mico 942L	2-way emergency exit device	None	Lever handle	-
67	Tindall Engineering Limited	Mico 942 EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	A to Q, AV to CI, CL to CO, CV
68	Tindall Engineering Limited	Mico 942 EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-
69	Tindall Engineering Limited	Mico 942P EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	A to Q, AV to CI, CL to CO, CV

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				External Face	Internal Face	
70	Tindall Engineering Limited	Mico 942P EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
71	Tindall Engineering Limited	Mico 942L EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	A to Q, AV to CI, CL to CO, CV
72	Tindall Engineering Limited	Mico 942L EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-
73	Tindall Engineering Limited	Mico 942L INT AD / USCH3	2-way locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV
74	Tindall Engineering Limited	Mico 942L INT AD	2-way locking system with automatic deadlocking	None	Thumbturn and lever handle	-
75	Tindall Engineering Limited	Mico 942 INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	A to Q, AV to CI, CL to CO, CV
76	Tindall Engineering Limited	Mico 942 INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and push plate	-
77	Tindall Engineering Limited	Mico 942P INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	A to Q, AV to CI, CL to CO, CV
78	Tindall Engineering Limited	Mico 942P INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and push pad	-
79	Tindall Engineering Limited	Mico 942L INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV

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				External Face	Internal Face	
80	Tindall Engineering Limited	Mico 942L INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
81	Tindall Engineering Limited	Mico 942 SATE EM SEC / USCH3	2-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push plate	A to Q, AV to CI, CL to CO, CV
82	Tindall Engineering Limited	Mico 942 SATE EM SEC	2-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push plate	-
83	Tindall Engineering Limited	Mico 942P SATE EM SEC / USCH3	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
84	Tindall Engineering Limited	Mico 942P SATE EM SEC	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push pad	-
85	Tindall Engineering Limited	Mico 942L SATE EM SEC / USCH3	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
86	Tindall Engineering Limited	Mico 942L SATE EM SEC	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Lever handle	-
87	Tindall Engineering Limited	Mico 942 SATE AD / USCH3	2-way panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV

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Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
88	Tindall Engineering Limited	Mico 942P SATE AD / USCH3	2-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
89	Tindall Engineering Limited	Mico 942L SATE AD / USCH3	2-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
90	Tindall Engineering Limited	Mico 942 SATE MD / USCH3	2-way panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
91	Tindall Engineering Limited	Mico 942P SATE MD / USCH3	2-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
92	Tindall Engineering Limited	Mico 942L SATE MD / USCH3	2-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
93	Tindall Engineering Limited	Mico 942 / EURO ELK3	2-way panic exit device	Key via ELK3 and lever handle	Panic bar	R to Z, CP, CQ, CW
94	Tindall Engineering Limited	Mico 942P / EURO ELK3	2-way emergency exit device	Key via ELK3 and lever handle	Push pad	R to Z, CP, CQ, CW
95	Tindall Engineering Limited	Mico 942L / EURO ELK3	2-way emergency exit device	Key via ELK3 and lever handle	Lever handle	R to Z, CP, CQ, CW
96	Tindall Engineering Limited	Mico 942 EPC EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
97	Tindall Engineering Limited	Mico 942 EPC EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-

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				External Face	Internal Face	
98	Tindall Engineering Limited	Mico 942P EPC EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
99	Tindall Engineering Limited	Mico 942P EPC EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
100	Tindall Engineering Limited	Mico 942L EPC EM SEC / USCH3	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
101	Tindall Engineering Limited	Mico 942L EPC EM SEC	2-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-
102	Tindall Engineering Limited	Mico 942L EPC INT AD / USCH3	2-way locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
103	Tindall Engineering Limited	Mico 942L EPC INT AD	2-way locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
104	Tindall Engineering Limited	Mico 942 EPC INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	AB to AU, CR to CU, CX, CY
105	Tindall Engineering Limited	Mico 942 EPC INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and push plate	-
106	Tindall Engineering Limited	Mico 942P EPC INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	AB to AU, CR to CU, CX, CY

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				External Face	Internal Face	
107	Tindall Engineering Limited	Mico 942P EPC INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and push pad	-
108	Tindall Engineering Limited	Mico 942L EPC INT MD / USCH3	2-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
109	Tindall Engineering Limited	Mico 942L EPC INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
110	Tindall Engineering Limited	Mico 942 EPC SATE EM SEC / USCH3	2-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push plate	R to Z, CP, CQ, CW
111	Tindall Engineering Limited	Mico 942 EPC SATE EM SEC	2-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push plate	-
112	Tindall Engineering Limited	Mico 942P EPC SATE EM SEC / USCH3	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	R to Z, CP, CQ, CW
113	Tindall Engineering Limited	Mico 942P EPC SATE EM SEC	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push pad	-
114	Tindall Engineering Limited	Mico 942L EPC SATE EM SEC / USCH3	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	R to Z, CP, CQ, CW

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				External Face	Internal Face	
115	Tindall Engineering Limited	Mico 942L EPC SATE EM SEC	2-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Lever handle	-
116	Tindall Engineering Limited	Mico 942 EPC SATE AD / USCH3	2-way panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW
117	Tindall Engineering Limited	Mico 942P EPC SATE AD / USCH3	2-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
118	Tindall Engineering Limited	Mico 942L EPC SATE AD / USCH3	2-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW
119	Tindall Engineering Limited	Mico 942 EPC SATE MD / USCH3	2-way panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW
120	Tindall Engineering Limited	Mico 942P EPC SATE MD / USCH3	2-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
121	Tindall Engineering Limited	Mico 942L EPC SATE MD / USCH3	2-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW
122	Tindall Engineering Limited	Mico 942-3 / ELK3	3-way panic exit device	Key via ELK3 and lever handle	Panic bar	A to Q, CN, CO
123	Tindall Engineering Limited	Mico 942-3	3-way panic exit device	None	Panic bar	-
124	Tindall Engineering Limited	Mico 942-3P / ELK3	3-way emergency exit device	Key via ELK3 and lever handle	Push pad	A to Q, CN, CO
125	Tindall Engineering Limited	Mico 942-3P	3-way emergency exit device	None	Push pad	-

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				External Face	Internal Face	
126	Tindall Engineering Limited	Mico 942-3L / ELK3	3-way emergency exit device	Key via ELK3 and lever handle	Lever handle	A to Q, CN, CO
127	Tindall Engineering Limited	Mico 942-3L	3-way emergency exit device	None	Lever handle	-
128	Tindall Engineering Limited	Mico 942-3 EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	A to Q, AV to CI, CL to CO, CV
129	Tindall Engineering Limited	Mico 942-3 EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-
130	Tindall Engineering Limited	Mico 942-3P EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	A to Q, AV to CI, CL to CO, CV
131	Tindall Engineering Limited	Mico 942-3P EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
132	Tindall Engineering Limited	Mico 942-3L EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	A to Q, AV to CI, CL to CO, CV
133	Tindall Engineering Limited	Mico 942-3L EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-

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				External Face	Internal Face	
134	Tindall Engineering Limited	Mico 942-3L INT AD / USCH3	3-way locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV
135	Tindall Engineering Limited	Mico 942-3L INT AD	3-way locking system with automatic deadlocking	None	Thumbturn and lever handle	-
136	Tindall Engineering Limited	Mico 942-3 INT MD / USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	A to Q, AV to CI, CL to CO, CV
137	Tindall Engineering Limited	Mico 942-3 INT MD	3-way locking system with manual deadlocking	None	Key or thumbturn and push plate	-
138	Tindall Engineering Limited	Mico 942-3P INT MD / USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	A to Q, AV to CI, CL to CO, CV
139	Tindall Engineering Limited	Mico 942-3P INT MD	3-way locking system with manual deadlocking	None	Key or thumbturn and push pad	-
140	Tindall Engineering Limited	Mico 942-3L INT MD / USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	A to Q, AV to CI, CL to CO, CV
141	Tindall Engineering Limited	Mico 942-3L INT MD	3-way locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
142	Tindall Engineering Limited	Mico 942-3 SATE EM SEC / USCH3	3-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push plate	A to Q, AV to CI, CL to CO, CV
143	Tindall Engineering Limited	Mico 942-3 SATE EM SEC	3-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push plate	-

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				External Face	Internal Face	
144	Tindall Engineering Limited	Mico 942-3P SATE EM SEC / USCH3	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
145	Tindall Engineering Limited	Mico 942-3P SATE EM SEC	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push pad	-
146	Tindall Engineering Limited	Mico 942-3L SATE EM SEC / USCH3	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
147	Tindall Engineering Limited	Mico 942-3L SATE EM SEC	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Lever handle	-
148	Tindall Engineering Limited	Mico 942-3 SATE AD / USCH3	3-way panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
149	Tindall Engineering Limited	Mico 942-3P SATE AD / USCH3	3-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV
150	Tindall Engineering Limited	Mico 942-3L SATE AD / USCH3	3-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
151	Tindall Engineering Limited	Mico 942-3 SATE MD / USCH3	3-way panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	A to Q, AV to CI, CL to CO, CV
152	Tindall Engineering Limited	Mico 942-3P SATE MD / USCH3	3-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	A to Q, AV to CI, CL to CO, CV

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				External Face	Internal Face	
153	Tindall Engineering Limited	Mico 942-3L SATE MD / USCH3	3-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	A to Q, AV to CI, CL to CO, CV
154	Tindall Engineering Limited	Mico 942-3 / EURO ELK3	3-way panic exit device	Key via ELK3 and lever handle	Panic bar	R to Z, CP, CQ, CW
155	Tindall Engineering Limited	Mico 942-3P / EURO ELK3	3-way emergency exit device	Key via ELK3 and lever handle	Push pad	R to Z, CP, CQ, CW
156	Tindall Engineering Limited	Mico 942-3L / EURO ELK3	3-way emergency exit device	Key via ELK3 and lever handle	Lever handle	R to Z, CP, CQ, CW
157	Tindall Engineering Limited	Mico 942-3 EPC EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
158	Tindall Engineering Limited	Mico 942-3 EPC EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push plate	-
159	Tindall Engineering Limited	Mico 942-3P EPC EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY
160	Tindall Engineering Limited	Mico 942-3P EPC EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and push pad	-
161	Tindall Engineering Limited	Mico 942-3L EPC EM SEC / USCH3	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	AD to AG, AI, AK, AM, AO, AQ, AS, AU, CS, CU, CY

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				External Face	Internal Face	
162	Tindall Engineering Limited	Mico 942-3L EPC EM SEC	3-way locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	-
163	Tindall Engineering Limited	Mico 942-3L EPC INT AD / USCH3	3-way locking system with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
164	Tindall Engineering Limited	Mico 942-3L EPC INT AD	3-way locking system with automatic deadlocking	None	Key or thumbturn and lever handle	-
165	Tindall Engineering Limited	Mico 942-3 EPC INT MD /USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push plate	AB to AU, CR to CU, CX, CY
166	Tindall Engineering Limited	Mico 942-3 EPC INT MD	3-way locking system with manual deadlocking	None	Key or thumbturn and push plate	-
167	Tindall Engineering Limited	Mico 942-3P EPC INT MD / USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and push pad	AB to AU, CR to CU, CX, CY
168	Tindall Engineering Limited	Mico 942-3P EPC INT MD	3-way locking system with manual deadlocking	None	Key or thumbturn and push pad	-
169	Tindall Engineering Limited	Mico 942-3L EPC INT MD / USCH3	3-way locking system with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Key or thumbturn and lever handle	AB to AU, CR to CU, CX, CY
170	Tindall Engineering Limited	Mico 942-3L EPC INT MD	2-way locking system with manual deadlocking	None	Key or thumbturn and lever handle	-
171	Tindall Engineering Limited	Mico 942-3 EPC SATE EM SEC / USCH3	3-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push plate	R to Z, CP, CQ, CW

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				External Face	Internal Face	
172	Tindall Engineering Limited	Mico 942-3 EPC SATE EM SEC	3-way panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push plate	-
173	Tindall Engineering Limited	Mico 942-3P EPC SATE EM SEC / USCH3	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Push pad	R to Z, CP, CQ, CW
174	Tindall Engineering Limited	Mico 942-3P EPC SATE EM SEC	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Push pad	-
175	Tindall Engineering Limited	Mico 942-3L EPC SATE EM SEC / USCH3	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH3 cylinder guard) and lever handle	Lever handle	R to Z, CP, CQ, CW
176	Tindall Engineering Limited	Mico 942-3L EPC SATE EM SEC	3-way emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ and lever handle	Lever handle	-
177	Tindall Engineering Limited	Mico 942-3 EPC SATE AD / USCH3	3-way panic exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW
178	Tindall Engineering Limited	Mico 942-3P EPC SATE AD / USCH3	3-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
179	Tindall Engineering Limited	Mico 942-3L EPC SATE AD / USCH3	3-way emergency exit device with automatic deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW
180	Tindall Engineering Limited	Mico 942-3 EPC SATE MD / USCH3	3-way panic exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Panic bar	R to Z, CP, CQ, CW

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				External Face	Internal Face	
181	Tindall Engineering Limited	Mico 942-3P EPC SATE MD / USCH3	3-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Push pad	R to Z, CP, CQ, CW
182	Tindall Engineering Limited	Mico 942-3L EPC SATE MD / USCH3	3-way emergency exit device with manual deadlocking	Key via USCH3 cylinder guard and lever handle	Lever handle	R to Z, CP, CQ, CW
183	Tindall Engineering Limited	MSTB	Two surface mounted drop bolts	None	Surface mounted drop bolts	-
184	Bradbury Security	-	Two surface mounted drop bolts	None	Surface mounted drop bolts	-
185	Tindall Engineering Limited	Mico Abyrll EM2 / USCH4	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push plate	A, C to Q, AX to CB, CL to CO, CV
186	Tindall Engineering Limited	Mico Abyrll EM1 / USCH4	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and push pad	A, C to Q, AX to CB, CL to CO, CV
187	Tindall Engineering Limited	Mico Abyrll EM3 / USCH4	Single point locking system with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Electro-mechanical access control device with thumbturn override and lever handle	A, C to Q, AX to CB, CL to CO, CV
188	Tindall Engineering Limited	Mico Abyrll AD3 / USCH4	Single point locking system with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and lever handle	A, C to Q, AX to CB, CL to CO, CV
189	Tindall Engineering Limited	Mico Abyrll MD2 / USCH4	Single point locking system with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and push plate	A, C to Q, AX to CB, CL to CO, CV
190	Tindall Engineering Limited	Mico Abyrll MD1 / USCH4	Single point locking system with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and push pad	A, C to Q, AX to CB, CL to CO, CV

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				External Face	Internal Face	
191	Tindall Engineering Limited	Mico Abyrll MD3 / USCH4	Single point locking system with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and lever handle	A, C to Q, AX to CB, CL to CO, CV
192	Tindall Engineering Limited	Mico Abyrll SATE EM2 / USCH4	Single point panic exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Panic bar	A, C to Q, AX to CB, CL to CO, CV
193	Tindall Engineering Limited	Mico Abyrll SATE EM1 / USCH4	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Push pad	A, C to Q, AX to CB, CL to CO, CV
194	Tindall Engineering Limited	Mico Abyrll SATE EM3 / USCH4	Single point emergency exit device with solenoid deadlocking and 12 V electro-mechanical access control ¹⁶	Electro-mechanical access control device ¹⁷ with key override (via USCH4 cylinder guard) and lever handle	Lever handle	A, C to Q, AX to CB, CL to CO, CV
195	Tindall Engineering Limited	Mico Abyrll SATE AD2 / USCH4	Single point panic exit device with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Panic bar	A, C to Q, AX to CB, CL to CO, CV
196	Tindall Engineering Limited	Mico Abyrll SATE AD1 / USCH4	Single point emergency exit device with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Push pad	A, C to Q, AX to CB, CL to CO, CV
197	Tindall Engineering Limited	Mico Abyrll SATE AD3 / USCH4	Single point emergency exit device with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Lever handle	A, C to Q, AX to CB, CL to CO, CV
198	Tindall Engineering Limited	Mico Abyrll SATE MD2 / USCH4	Single point panic exit device with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Panic bar	A, C to Q, AX to CB, CL to CO, CV
199	Tindall Engineering Limited	Mico Abyrll SATE MD1 / USCH4	Single point emergency exit device with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Push pad	A, C to Q, AX to CB, CL to CO, CV

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Compatible Locking System	Manufacturer	Model	Type	Compatible Operating Device		Compatible Cylinders
				External Face	Internal Face	
200	Tindall Engineering Limited	Mico Abyrll SATE MD3 / USCH4	Single point emergency exit device with manual deadlocking	Key via USCH4 cylinder guard and lever handle	Lever handle	A, C to Q, AX to CB, CL to CO, CV
201	Tindall Engineering Limited	Mico Abyrll AD1 / USCH4	Single point locking system with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and push pad	A, C to Q, AX to CB, CL to CO, CV
202	Tindall Engineering Limited	Mico Abyrll AD2 / USCH4	Single point locking system with automatic deadlocking	Key via USCH4 cylinder guard and lever handle	Key or thumbturn and push plate	A, C to Q, AX to CB, CL to CO, CV
203	Tindall Engineering Limited	HSTB	Two surface mounted drop bolts	None	Surface mounted drop bolts	N/A
204	Tindall Engineering Limited	Mico Abyrll AD3 / USCH2	Single point locking system with automatic deadlocking	Key and lever handle	Key or thumbturn and lever handle	A to Q, AV to CK, CL to CO, CV
205	Albert Jagger	A35 0840/002	Sprung tower bolt	-	Sprung tower bolt	-
206	Tindall Engineering Limited	Mico Abyrll AD1 / USCH2	Single-point locking system with automatic deadlock	Key via USCH2 cylinder guard and lever handle	Push pad deadlocked by a key or thumbturn	A to Q, AV to CK, CL to CO, CV
207	Tindall Engineering Limited	Mico Abyrll AD2 / USCH2	Single-point locking system with automatic deadlock	Key via USCH2 cylinder guard and lever handle	Full width push pad deadlocked by a key or thumbturn	A to Q, AV to CK, CL to CO, CV
208	Tindall Engineering Limited	Mico Abyrll SATE AD1 / USCH2	Single-point emergency exit device with automatic deadlock	Key via USCH2 cylinder guard and lever handle	Push pad	A to Q, AV to CK, CL to CO, CV
209	Tindall Engineering Limited	Mico Abyrll SATE AD2 / USCH2	Single-point panic exit device with automatic deadlock	Key via USCH2 cylinder guard and lever handle	Panic bar	A to Q, AV to CK, CL to CO, CV
210	Tindall Engineering Limited	Mico Abyrll SATE AD3 / USCH2	Single-point emergency exit device with automatic deadlock	Key via USCH2 cylinder guard and lever handle	Lever handle	A to Q, AV to CK, CL to CO, CV
211	Tindall Engineering Limited	Mico Abyrll MD1 / USCH2	Single-point locking system with manual deadlock	Key via USCH2 cylinder guard and lever handle	Push pad deadlocked by a key or thumbturn	A to Q, AV to CK, CL to CO, CV

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				External Face	Internal Face	
212	Tindall Engineering Limited	Mico Abryll MD2 / USCH2	Single-point locking system with manual deadlock	Key via USCH2 cylinder guard and lever handle	Full width push pad deadlocked by a key or thumbturn	A to Q, AV to CK, CL to CO, CV
213	Tindall Engineering Limited	Mico Abryll MD3 / USCH2	Single-point locking system with manual deadlock	Key via USCH2 cylinder guard and lever handle	Key or thumbturn and lever handle	A to Q, AV to CK, CL to CO, CV
214	Tindall Engineering Limited	Mico Abryll SATE EM1 / USCH2	Single-point emergency exit device with automatic solenoid deadlock and electro-mechanical access control powered by 12 V solenoid	Lever handle plus external access control entry device and key override via USCH2 cylinder guard	Push pad	A to Q, AV to CK, CL to CO, CV
215	Tindall Engineering Limited	Mico Abryll SATE EM2 / USCH2	Single-point panic exit device with automatic solenoid deadlock and electro-mechanical access control powered by 12 V solenoid	Lever handle plus external access control entry device and key override via USCH2 cylinder guard	Panic bar	A to Q, AV to CK, CL to CO, CV
216	Tindall Engineering Limited	Mico Abryll SATE EM3 / USCH2	Single-point emergency exit device with automatic solenoid deadlock and electro-mechanical access control powered by 12 V solenoid	Lever handle plus external access control entry device and key override via USCH2 cylinder guard	Lever handle	A to Q, AV to CK, CL to CO, CV
217	Tindall Engineering Limited	Mico Abryll SATE MD1 / USCH2	Single-point emergency exit device with manual deadlock	Key via USCH2 cylinder guard and lever handle	Push pad	A to Q, AV to CK, CL to CO, CV
218	Tindall Engineering Limited	Mico Abryll SATE MD2 / USCH2	Single-point panic exit device with manual deadlock	Key via USCH2 cylinder guard and lever handle	Panic bar	A to Q, AV to CK, CL to CO, CV
219	Tindall Engineering Limited	Mico Abryll SATE MD3 / USCH2	Single-point emergency exit device with manual deadlock	Key via USCH2 cylinder guard and lever handle	Lever handle	A to Q, AV to CK, CL to CO, CV

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				External Face	Internal Face	
220	Tindall Engineering Limited	Mico Abryll AD1 / USCH3	Single-point locking system with automatic deadlock	Key via USCH3 cylinder guard and lever handle	Push pad deadlocked by a key or thumbturn	A to Q, AV to CI, CL to CO, CV
221	Tindall Engineering Limited	Mico Abryll AD2 / USCH3	Single-point locking system with automatic deadlock	Key via USCH3 cylinder guard and lever handle	Full width push pad deadlocked by a key or thumbturn	A to Q, AV to CI, CL to CO, CV

Compatible Cylinders

Cylinder Reference	Manufacturer	Model	Type
A	Abloy	Protec CY201 PT	Scandinavian Oval
B	Abloy	Disklock Pro CY201 DP	Scandinavian Oval
C	Abloy	Protec Cliq CY201 ¹⁸	Scandinavian Oval (mechatronic)
D	ASSA	4401dp	Scandinavian Oval
E	ASSA	4401 Cliq ¹⁸	Scandinavian Oval (mechatronic)
F	ASSA	4407dp	Scandinavian Oval
G	ASSA	4407 Cliq ¹⁸	Scandinavian Oval (mechatronic)
H	ASSA	4801	Scandinavian Oval
I	ASSA	4807	Scandinavian Oval
J	ASSA	C5801	Scandinavian Oval
K	ASSA	C5807	Scandinavian Oval
L	ASSA	Twin 7601	Scandinavian Oval
M	ASSA	Twin 7607	Scandinavian Oval
N	Kaba	K20	Scandinavian Oval
O	Kaba	Quattro PluS	Scandinavian Oval
P	Locken	CL-PL2WR ¹⁸	Scandinavian Oval (mechatronic)
Q	Medeco	M3-ARX	Scandinavian Oval
R	ASSA	44M23	Europrofile single cylinder
S	Abloy	CY307 Protec	Europrofile single cylinder
T	Abloy	CY307 Disclock Pro	Europrofile single cylinder
U	Abloy	CY307 Protec Cliq ¹⁸	Europrofile single cylinder (mechatronic)

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Cylinder Reference	Manufacturer	Model	Type
V	ASSA	4823	Europrofile single cylinder
W	ASSA	C5823	Europrofile single cylinder
X	ASSA	7623	Europrofile single cylinder
Y	Medeco	M3-ARX	Europrofile single cylinder
Z	Kaba	Quattro PluS	Europrofile single cylinder
AA	ISEO	R6	Europrofile double cylinder (key:key)
AB	Abloy	Protec CY304	Europrofile double cylinder (key:key)
AC	Abloy	Protec Cliq CY304 ¹⁸	Europrofile double cylinder (key:key) (mechatronic)
AD	Abloy	Protec CY305	Europrofile double cylinder (key:thumbturn)
AE	Abloy	Protec Cliq CY305 ¹⁸	Europrofile double cylinder (key:thumbturn) (mechatronic)
AF	Abloy	Protec Cliq CY333 ¹⁸	Europrofile double cylinder (key:thumbturn) (mechatronic)
AG	Abloy	Protec CY333	Europrofile double cylinder (key:thumbturn)
AH	ASSA	4422dp	Europrofile double cylinder (key:key)
AI	ASSA	4427dp	Europrofile double cylinder (key:thumbturn)
AJ	ASSA	44M22 Cliq ¹⁸	Europrofile double cylinder (key:key) (mechatronic)
AK	ASSA	44M27 Cliq ¹⁸	Europrofile double cylinder (key:thumbturn) (mechatronic)
AL	ASSA	4822	Europrofile double cylinder (key:key)
AM	ASSA	4827	Europrofile double cylinder (key:thumbturn)
AN	ASSA	C5822	Europrofile double cylinder (key:key)
AO	ASSA	C5827	Europrofile double cylinder (key:thumbturn)
AP	ASSA	7622	Europrofile double cylinder (key:key)
AQ	ASSA	7627	Europrofile double cylinder (key:thumbturn)
AR	Kaba	Quattro PluS	Europrofile double cylinder (key:key)
AS	Kaba	Quattro PluS	Europrofile double cylinder (key:thumbturn)
AT	Medeco	M3-ARX	Europrofile double cylinder (key:key)
AU	Medeco	M3-ARX	Europrofile double cylinder (key:thumbturn)
AV	Abloy	Protec CY403	Rim
AW	Abloy	Protec Cliq CY403 ¹⁸	Rim (mechatronic)
AX	Kaba	Quattro Plus	Rim
AY	Medeco	M3-ARX	Rim

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Cylinder Reference	Manufacturer	Model	Type
AZ	ASSA	4857	Round threaded
BA	ASSA	C5857	Round threaded
BB	Abloy	Protec2 CY201-TT	Scandinavian Oval
BC	Abloy	Protec2 Cliq / Cliq Remote CY201-TT-CLIQ ¹⁸	Scandinavian Oval (Mechatronic)
BD	Access2	Tigris Omega	Scandinavian Oval
BE	Access2	Tigris Plus	Scandinavian Oval
BF	Access2	Tigris Premier Two	Scandinavian Oval
BG	iLOQ	C10S.1 ¹⁸	Scandinavian Oval (Mechatronic)
BH	ISEO	F6 extra	Scandinavian Oval
BI	ISEO	R11	Scandinavian Oval
BJ	ISEO	R50	Scandinavian Oval
BK	Kaba	Expert	Scandinavian Oval
BL	Kaba	Gege RAM	Scandinavian Oval
BM	Kaba	Gege pExtra	Scandinavian Oval
BN	KESO	4000S	Scandinavian Oval
BO	Locken	CL-PL2WR ¹⁸	Scandinavian Oval (Mechatronic)
BP	Abloy	Protec CY403-PT	Rim
BQ	Abloy	Protec CY405-PT	Rim
BR	Abloy	Protec2 CY403-TT	Rim
BS	Abloy	Protec2 CY405-TT	Rim
BT	Abloy	Protec Cliq / Cliq Remote CY403-PT-CLIQ ¹⁸	Rim (Mechatronic)
BU	Abloy	Protec2 Cliq / Cliq Remote CY403-TT-CLIQ ¹⁸	Rim (Mechatronic)
BV	ASSA	Twin-Combi C5851	Rim
BW	ISEO	F6 extra	Rim
BX	ISEO	R11	Rim
BY	ISEO	R50	Rim
BZ	Kaba	K20	Rim
CA	KESO	4000S	Rim
CB	Yale	X5	Rim
CC	Abloy	Disklock Pro CY201-DP	Scandinavian Oval

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Cylinder Reference	Manufacturer	Model	Type
CD	Abloy	Novel CY201-VL	Scandinavian Oval
CE	Abloy	Disclock Pro CY403-DP	Rim
CF	Abloy	Disclock Pro CY405-DP	Rim
CG	Abloy	Novel CY403-VL	Rim
CH	Abloy	Novel CY405-VL	Rim
CI	Bramah	C 17	Rim
CJ	KESO	2000S	Scandinavian Oval
CK	KESO	2000S	Rim
CL	ABUS	Vitess 1000	Rim
CM	ABUS	Bravus 2000	Rim
CN	ABUS	Vitess 1000	Scandinavian Oval
CO	ABUS	Bravus 2000	Scandinavian Oval
CP	ABUS	Vitess 1000	Europrofile single cylinder
CQ	ABUS	Bravus 2000	Europrofile single cylinder
CR	ABUS	Vitess 1000	Europrofile double cylinder (key:key)
CS	ABUS	Vitess 1000	Europrofile double cylinder (key:thumbturn)
CT	ABUS	Bravus 2000	Europrofile double cylinder (key:key)
CU	ABUS	Bravus 2000	Europrofile double cylinder (key:thumbturn)
CV	Schlage	MC201	Rim
CW	Schlage	EC901 (6 pin)	Europrofile single cylinder
CX	Schlage	EC902 (6 pin)	Europrofile double cylinder (key:key)
CY	Schlage	EC903 (6 pin)	Europrofile double cylinder (key:thumbturn)

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Compatible Optional Features / Accessories¹⁹

Accessory	Description	Product				
		'M2M ^{2FL} '	'M2M ³ '	'M2M ^{3FL} '	'M2M ⁴ '	'M2M ^{4FL} '
Thresholds ²⁰	3 mm flat plate sill	x	✓	x	✓	x
	Low profile aluminium sill	x	✓	x	✓	x
	No sill	x	✓	x	✓	x
	Folded steel sill	x	x	x	✓	x
	Solid steel bar	x	x	x	✓	x
	Folded steel sill with solid steel bar insert	x	x	x	✓	x
	'Stormguard' inward opening threshold	x	✓	x	✓	x
Vision panel ^{21,22,23}	356 mm high by 203 mm wide vision panel incorporating a 45.04 mm thick specialist laminated double glazed security glazing unit	x	✓	x	x	x
	762 mm high by 203 mm wide vision panel incorporating a 45.04 mm thick specialist laminated double glazed security glazing unit	x	✓	x	x	x
	457 mm high by 457 mm wide vision panel incorporating a 45.04 mm thick specialist laminated double glazed security glazing unit	x	✓	x	x	x
	356 mm high by 203 mm wide vision panel incorporating a 45.5 mm thick specialist laminated security glass	x	✓	x	x	x
Vision panel ^{21,22,23}	762 mm high by 203 mm wide vision panel incorporating a 45.5 mm thick specialist laminated security glass	x	✓	x	x	x
	457 mm high by 457 mm wide vision panel incorporating a 45.5 mm thick specialist laminated security glass	x	✓	x	x	x
'M2M' vision panel ^{20,22,24}	427 mm to 833 mm high by 274 mm to 508 mm wide vision panel incorporating LPS 1270 approved specialist laminated security glass	x	✓	x	✓	x
Bradbury XV Louvre panel ^{24,25}	Aluminium louvre panel externally with internal inner cover options.	x	✓	x	x	x
Surelock Max Air XA4 Louvre panel ^{24,25}	Max Air louvre panel, as approved within the scope covered by LPCB Certificate Number 516-1a.	x	✓	x	✓	x
SC570 alarm contact	Surface mounted magnetic alarm contact	x	✓	x	✓	x

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Notes

1. The minimum height of 'M2M³' single and double leaf doorsets (not including the height of the overpanel) incorporating an Abris locking system (compatible locking systems 3 to 60) is 1.0 m. The minimum height of the doorsets incorporating all other compatible locking systems is 1.745 m.
2. The maximum height of 'M2M³' single and double leaf doorsets (not including the height of the overpanel) incorporating an Abris locking system (compatible locking systems 3 to 60) is 2.93 m. The maximum height of the doorsets incorporating all other compatible locking systems is 2.43 m.
3. The minimum width of 'M2M³' single leaf doorsets incorporating an Abris locking system (compatible locking systems 3 to 60) is 0.6 m. The minimum width of the doorsets incorporating all other compatible locking systems is 0.74 m.
4. The maximum width of 'M2M³' single leaf doorsets incorporating an Abris locking system (compatible locking systems 3 to 60) is 1.43 m. The maximum width of the doorsets incorporating all other compatible locking systems is 1.18 m.
5. When fitted with compatible lock option 1 the security rating applies to doorsets with the locking mechanisms fully engaged, i.e. in optimum locked condition. The single leaf doorset achieves Security Rating 1 when left in the minimum locked condition, i.e. when the key is turned once and removed. The double doorset also achieves Security Rating 1 when left in the minimum locked condition, i.e. only one surface mounted drop bolt on the passive leaf engaged and the key on the active leaf thrown once and removed.
6. When fitted with compatible lock option 2 the security rating is also achieved by the doorset when in the minimum locked condition, i.e. when both surface mounted drop bolts on the passive leaf are disengaged.
7. When fitted with the Mico compatible lock options 3 to 182 the security rating applies to doorsets with the locking mechanisms fully engaged, i.e. in optimum locked condition. The single leaf and double leaf doorsets achieve Security Rating 1 when left in the minimum locked condition.
8. The 'M2M³' double leaf doorsets can be produced with leaves of unequal width. The maximum width of both leaves is 1100 mm. The minimum width of the active leaf is 750 mm. The minimum width of the passive leaf is 400 mm. The M2M⁴-S double leaf doorsets can be produced with leaves of unequal width. The minimum width of the passive leaf is 396 mm. The M2M^{2FL}, M2M^{3FL}, M2M^{4FL} and M2M⁴ double leaf doorsets are only approved with leaves of equal width.
9. The minimum width of 'M2M³' double leaf doorsets incorporating an Abris locking system (compatible locking systems 3 to 60) is 0.9 m. The minimum width of the doorsets incorporating all other compatible locking systems is 1.15 m.
10. The maximum width of 'M2M³' double leaf doorsets incorporating an Abris locking system (compatible locking systems 3 to 60) is 2.60 m. The maximum width of the doorsets incorporating all other compatible locking systems is 2.20 m.
11. The security rating noted applies to the doorsets when the locking mechanisms are fully engaged, i.e. in optimum locked condition. However, the doorsets achieve Security Rating 1 when left in the minimum locked condition, i.e. when only one passive leaf locking mechanism is engaged and the deadbolt is engaged on the active leaf.
12. Although outside the scope of LPS 1175: Issue 7, special consideration should be paid to the use of locking systems with separate deadlocks, e.g. Mico 942-3 INT MD. This is because it is generally not acceptable to separately deadlock a doorset that is fitted with a panic or emergency exit device unless the deadlock is automatically operated by the action of the panic or emergency device. For further information, please refer to the appropriate standards for emergency and panic exit devices, i.e. BS EN 179 and BS EN 1125 respectively.
13. Although outside the scope of LPS 1175: Issue 7, special consideration should be paid to the use of single operating panic or emergency exit devices. This is because it is generally accepted that when two panic or emergency exit devices are fitted to double doorsets the operation of either device should disengage simultaneously such that both leaves can open. For further information, please refer to the appropriate standard for emergency and panic exit devices, i.e. BS EN 179 and BS EN 1125 respectively.

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14. The two-way locking systems used on the passive leaf of double doorsets shall incorporate identical internal operation devices to those on the locking systems used on the active leaf.
15. Certification does not cover the use of locks other than those listed. Utilisation of unlisted locks may affect the level of security offered by the doorset.
16. Fail secure version only.
17. The resistance of the access control locks to "non-mechanical" attack has not been assessed as it is outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of any access control equipment that may be used to operate these locking systems. This is because the scope of access control devices and system configurations that may be used with these locking systems is "infinite". It is therefore recommended that Bradbury Security satisfy themselves that the components are either resistant to mechanical and other forms of tampering/abuse, or that they are suitably protected from such tampering/abuse and are resistant to any environmental conditions/interference that may cause the locking system to disengage.
18. The resistance of the mechatronic cylinders to "non-mechanical" attack has not been assessed as it is outside the scope of LPS 1175. Likewise, the approval does not cover possible effects of any susceptibilities relating to the functionality and performance of ancillary equipment that may be used in conjunction with these cylinders. It is therefore recommended that specifiers satisfy themselves that the components used are either resistant to electronic methods of attack, or that they are suitably protected from such tampering/abuse and are resistant to any environmental conditions/interference that may cause the locking system to disengage.
19. Certification does not cover the use of vision panels or other accessories that are not listed. Utilisation of other accessories may affect the level of security offered by the doorset.
20. Only the solid steel bar threshold or folded steel threshold with full-length solid steel bar insert may be used with 'M2M4' doorsets incorporating panic bars or push pads. The remaining alternative sill options should not be fitted to doorsets incorporating panic bars or push pads.
21. The standard (stepped) sill must always be used on doorsets incorporating either glazed apertures or locking mechanisms incorporating single action escape panic exit systems operated by panic bars.
22. Doorsets fitted with upper and lower glazed apertures should not incorporate hardware operated by a panic bar.
23. The 45.04 mm thick specialist laminated double glazed security glazing unit should only be used on doorsets fitted with compatible lock option 1 and options 3 to 182 incorporating internal key deadlocks.
24. The position of the vision panel/louvre vents depends on the locking hardware fitted. Please refer to the manufacturer for more details.
25. Doorsets fitted with louvre panels should not incorporate single action emergency exit hardware. Certification covers deadlocked hardware operated by an internal key or thumbturn.

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