



Toggle switch for driver desk

- **UIC 612-0**
- **Railway standards**
- **Mafelec C22 contact block**
- **IP65 Front**

Standards:

- Application UIC 612- 0
- Product EN 60947-5-1, EN 60077-2, EN50155
- Environment EN 61373, EN 60068
- Fire and smoke EN4545-2

Mechanical characteristics:

- Operating temperature: - 25°C + 70°C
- Storage temperature: - 40°C + 85°C
- Mechanical service life: 300 000 operations
- Protection degree: IP 65 (front)
- Shock resistance: IK07
- Configurable product from 2 to 5 positions
- Positions: 0°, ± 17,5°, ± 35°
- 5 handles UIC 612-0 : B, K, M, W, Z
- Rear dimensions: 37 x 56 x 90 mm
- Cut out: 30.5 mm

Electrical characteristics:

- 6 independant contacts maxi
- Ith = 20A
- Ie mini. = 10mA (with gold contacts)
- Ui = 630V
- Uimp = 6kV
- Connection: double tabs for 6.35mm clip or screw and bracket or screw and washer. Protection: IP2x (screws)
- Electrical life cycle according to category of use (contact us)

Options:

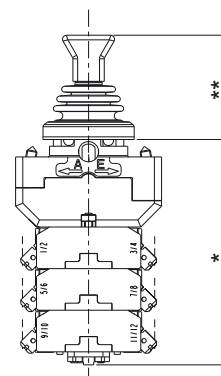
- Label
- Handle: other colors
- Bezel: other forms and colors
- Version with light indication positions (contact us)



Dimensions:

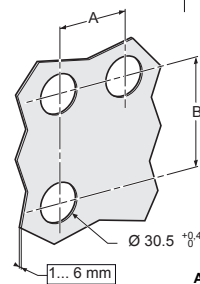
Handle	**
B	40 mm
K	55 mm
M	55 mm
W	40 mm
Z	55 mm

Number of contact block	*
1	56.3 mm
2	74.3 mm
3	90 mm



UIC612-0 functions:

N°	Function	Form	+35°	+17.5°	0°	-17.5°	-35°	Max Number of contacts
014	ETCS : Release Intervention	B	U	-	N	-	U	6
015	ETCS : Acknowledgement	K	U	-	N	-	U	6
016	PANTOGRAPH / DIESEL ENGINE	Z	U	U	N	U	S	6
017	MAIN CIRCUIT BREAKER / POWER TRANSMISSION	B	U	-	N	-	U	6
024	TRAIN LIGHTING	B	U	-	N	-	U	6
025	SANDING	K	U	-	N	-	U	6
026	RELEASE BRAKE	B	U	-	N	-	U	6
027	EXTERNAL FRONT LIGHTS	B	S	S	S	S	N	6
028	INSTRUMENT LIGHTING	B	S	-	N	-	S	4
029	TASK & DRIVER CAB LIGHTING	B	S	U	N	-	U	6
038	EXTERNAL WARNING HORN	M	U	-	N	-	U	6
051	SECOND-MAN TASK LIGHT	ndef	S	-	N	-	S	4



U : Unstable position
N : Normal position
S : Stable position

A = 37 mm min
B = 65 mm min
(connection by IP2x screw / bracket)
90 mm min
(connection by 6.35 mm tab)