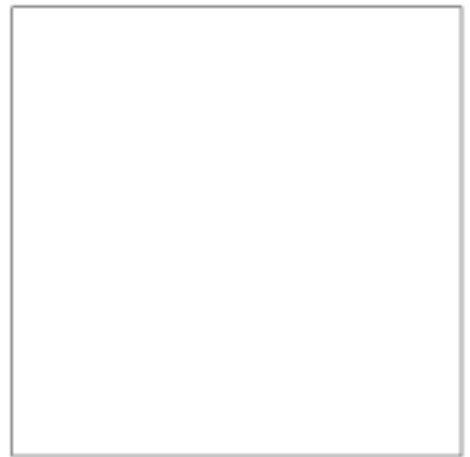


## Emergency Brake Handle NBS40 Series



**F 105e**

## Emergency Brake Handle NBS40 Series

The electric emergency brake handle NSBS40 enables the passenger to release an emergency stop. Its conspicuous outward appearance is a quick reference point for the passenger even in a stress situation.

High-quality switching elements, characterised by positive opening operation, self-cleaning contacts, and high shock

and vibration resistance, guarantee years of uninterrupted operation.

With its elegant and yet rugged design, this emergency brake handle is not only suitable for rail vehicles in local and long-distance traffic, but also for industrial applications like escalators and passenger conveyors.

### Technical data

Emergency Brake Handle NBS40 Series	
Mechanical endurance	> 5,000 operations
Protection degree (stand-by position opposite wall)	IP54 to IEC 60529
Vibration resistance (EN 61373, EN 60068)	2 g, 5 ... 150 Hz
Shock resistance (EN 61373, EN 60068)	5 g / 20 ms
Housing, lacquered red (RAL 3020)	Aluminium die-cast
Actuating force (unsealed)	90 ... 125 N
Ambient air temperature range $T_U$	-30°C ... +70°C
Switching element	2 x S870*
Contact assembly	NO + NC
Contact material	Silver (Ag90Ni10) Gold (AuNi3Ag26)
Conventional thermal current $I_{th}$ (Type S7 at $T_U = 85^\circ\text{C}$ )	10 A
Rated insulation voltage $U_i$	250 V

\* refer to catalogue 073e

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### Ordering code

NBS40 M1 R1 S7 B1			
Series	NBS40	Lettering	B0 No lettering B1 German lettering
Mounting type	M1 Rear mounting M2 Front mounting	Switching element	S5 S870, gold-plated contacts S7 S870, silver-plated contacts
Reset element	R1 Square spanner of German Rail (DB AG)		

#### Stock items:

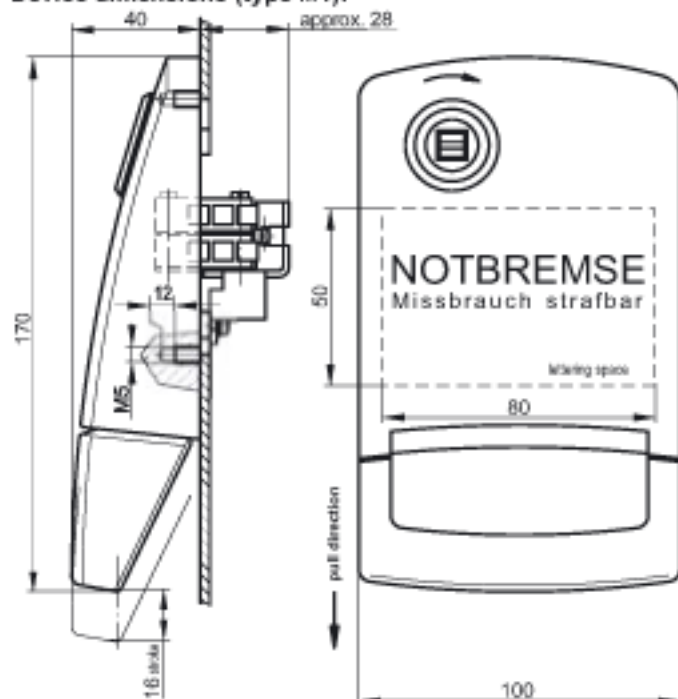
M1 for rear mounting	M2 for front mounting
NBS40 M1 R1 S7 B0	NBS40 M2 R1 S5 B1
NBS40 M1 R1 S5 B1	NBS40 M2 R1 S7 B0
NBS40 M1 R1 S7 B1	NBS40 M2 R1 S7 B1

#### Special designs

If you need a special design, do not hesitate to contact us. You might find your required emergency brake handle among our special designs. If not, we also supply designs to customer requirements. Please note that in this case minimum order quantities apply.

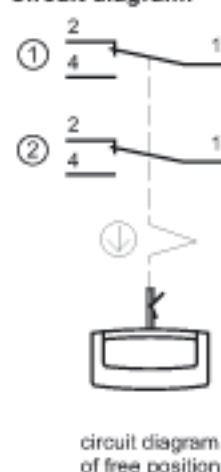
### Dimension and circuit diagrams, Mounting template

#### Device dimensions (type M1):



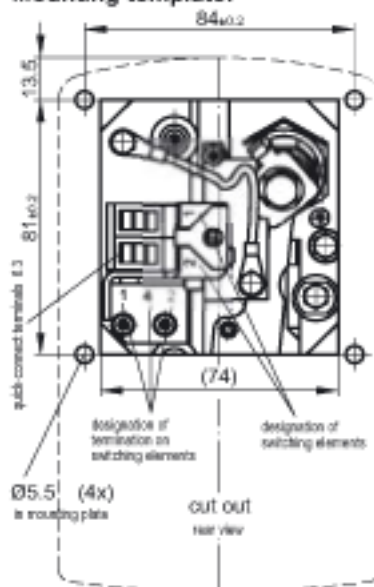
Dimensions in mm

#### Circuit diagram:



circuit diagram of free position

#### Mounting template:



#### Mounting instruction:

Schaltbau NBS40 Series emergency brake handles are designed for rear mounting (type M1) or front mounting (type M2).

With a rear-mounted emergency brake handle (type M1) there are no visible mounting elements.