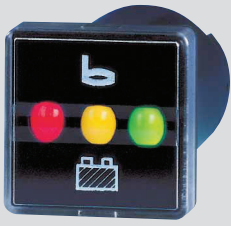
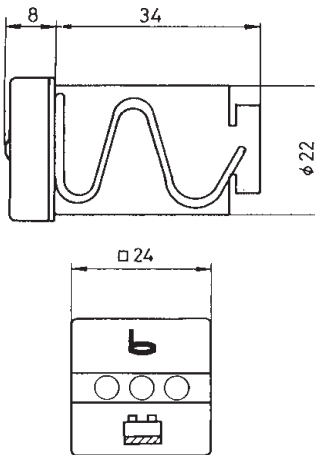


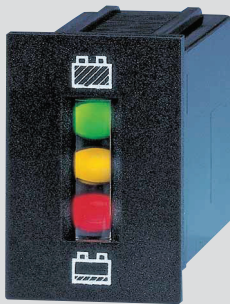
Mini battery indicators, 24 x 24 mm, 24 x 36 mm



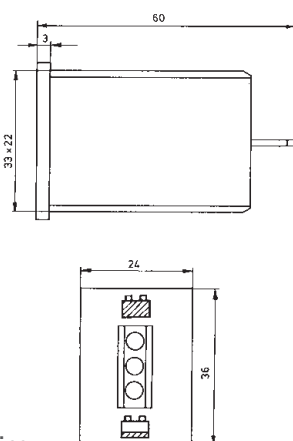
type 810



drawing



type 823



drawing

Battery indicators type 810 – "mini" (without relay output)

If you want to supervise the battery capacity in limited space, this mini battery indicator with its front dimensions of 24 x 24 mm offers just the right solution. A mini indication for the residual capacity. A cutout of $\varnothing 22,3$ mm - more space is not required for this tiny unit. The battery level is displayed by the illuminated red, yellow or green LED.

Battery indicator type 823 – with relay output, integrated time delay and locking for restart.

Though type 823 is a real "mini", it also can be supplied with relay output. As a result it offers safe battery protection with prewarning just-in time. This range is also available with horizontally placed LEDs. Option: even without relay output

type	front dimensions	colour	relay output		time delay, locking for restart	
			with	without	with	without
810	24 x 24 mm	black		■		■
823	36 x 24 mm	black	■		■	

Technical specifications: range 810, 823

type	810	823
battery type:	all known battery types	all known battery types
operating voltage:	24 V DC	24 V DC
special voltages (at additional cost):	12, 36 V DC further on request	12, 36, 48 V DC further on request
EMC protection:	EN 50082-2	EN 50082-2
display:	3 LEDs (red, yellow, green)	3 LEDs (red, yellow, green)
relay lockout:	no	yes
relay contact:	-	voltage-free, make contact, opens when reaching discharge voltage
option:	-	voltage-free, break contact, closes when reaching discharge voltage
breaking capacity:	-	12 V and 24 V = 2 A 36 V = 1,5 A 48 V = 1 A
protect. class (front):	IP 54 (DIN 40050)	IP 65 (DIN 40050)
ambient temperature:	-10 °C to +50 °C	-10 °C to +50 °C
vibration resistance:	EN 60068-2-34 (1 g eff., 10 - 500 Hz, 2,5 h/axle)	EN 60068-2-34 (1 g eff., 10 - 500 Hz, 2,5 h/axle)
shock resistance:	IEC 68-2-27 (30 g, 18 msec., 3 shocks/direction), continuous shock IEC 68-2-29 (25 g, 6 msec., 1000 shocks/direction)	IEC 68-2-27 (30 g, 18 msec., 3 shocks/direction), continuous shock IEC 68-2-29 (25 g, 6 msec., 1000 shocks/direction)
fixing:	wire clip	retaining clip
connection:	2 cables (500 mm long)	4 cables (500mm long)
approval:	CE	CE