



These are devices used in control and indication systems adjusted for mounting in command boards and panels directly on DIN-rail. They are manufactured to commutate controlling circuits and to control the switching on or off executive mechanisms such as relays, contactors, etc. The signal lamps and indicators find broad application in all industrial fields. The devices endure short time current overload up to 20A, and normally they can commutate current up to 10A with their contact system. The connection to the contact terminals is through screw terminals to which operational conductors with section up to 2.5mm² can be joined. There are also designed buttons combined with lamps.

Technical data:

- * Insulation voltage: 660V; 50/60Hz
- * Impulse voltage wear resistance: 6000V;
- * Rated current: up to 10A (230V AC)
- * Short circuit protection: safety device 10A gG outside in the circuit
- * Rated consumed current (for indicators and buttons combined with indicators): <20mA
- * wear resistance (indicators): >2000h
- * Mechanical wear resistance (buttons): 1x10⁶ commutation cycles
- * Power of mechanical compression:
 - at closing: 20N
 - at opening: 8N
- * Operating temperature: -20 - +70°C
- * Humidity: 35 – 85%RH
- * Tightening moment of the joining conductors: 0.15Nm
- * Section of the conductor: 1x0.5; 1x0.75; 1x1; 1x1.5; 1x2.5mm²
- * Plastic: UV rays wear resistance

Mounting:

- * to a DIN-rail

Documents corresponding to the product:

Standard EN 60947-1
EN 60 947-5-1



Type	Description	Rated current (A) at 400V	Colour	Type of contacts	Catalogue number
ELB - BL - DIN	button	<10	black	2NO+ 1 NC	401505
ELB - BL - DIN	button	<10	black	1NO+ 2 NC	401506
ELB - G - DIN	button	<10	green	2NO+ 1 NC	401507
ELB - G - DIN	button	<10	green	1NO+ 2 NC	401508
ELB - Y - DIN	button	<10	yellow	2NO+ 1 NC	401509
ELB - Y - DIN	button	<10	yellow	1NO+ 2 NC	401510
ELB - R - DIN	button	<10	red	2NO+ 1 NC	401512
ELB - R - DIN	button	<10	red	1NO+ 2 NC	401513



Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Catalogue number
ELD - G - DIN	lamp	230V	<20	green	401500
ELD - R - DIN	lamp	230V	<20	red	401501
ELD - Y - DIN	lamp	230V	<20	yellow	401502
ELD - B - DIN	lamp	230V	<20	blue	401503
ELD - W - DIN	lamp	230V	<20	white	401504



Type	Description	Voltage (V)	Rated current (A) at 400V	Colour	Type of contacts	Catalogue number
ELBD - G - DIN	button + lamp	230V	<20	green	2NO+ 1 NC	401514
ELBD - G - DIN	button + lamp	230V	<20	green	1NO+ 2 NC	401515
ELBD - R - DIN	button + lamp	230V	<20	red	2NO+ 1 NC	401516
ELBD - R - DIN	button + lamp	230V	<20	red	1NO+ 2 NC	401517
ELBD - Y - DIN	button + lamp	230V	<20	yellow	2NO+ 1 NC	401518
ELBD - Y - DIN	button + lamp	230V	<20	yellow	1NO+ 2 NC	401519



Cat.№ 5017

Exhaust Fan APB10 – 1/232

The exhaust fan APB10 – 1/232 can evacuate bad smells and exhaust gases, decrease the excessive humidity and adjust indoor temperature. It is intended for use in hotel rooms, bathrooms, kitchens and other premises having special requirements to the quality of indoor atmosphere. It is made of fireproof plastic and has a decorative safety grill that widens the scope of possible applications. The exhaust fan is a wall mounted type.

- Rated voltage: 230 V
- Rated motor power: 200W
- Fan air delivery: 320 m³/h
- Mounting diameter: ø100 mm


Bell - SIGMA design

Used for sound signalization in housing and industrial buildings.

- * Sound level: 70 dB

Consumption:

- 3.6VA for power supply 8 -12V
- 5VA for power supply 230V

- * Mounting on DIN-rail

Type	Un (V)	Catalogue number
bell	8-12	5012
	230	5220



Cat.№ 37004

Plug for mounting on DIN rail

Plug German type type for Din rail mounting. It provides plug presence in electric boards and easy cabling.

- * Supply voltage: 230V
- * Computing option: up to 16A
- * Operation temperature: from -10 up to +40°C
- * Humidity: up to 85%RH

Mounting method:

- * DIN rail



Cat.№ 5001

Bell transformer

Modified for power supply of bells and other signal devices with alternating voltage 8V, 12V, 24V and capacity up to 3.8A.

- * The voltage of the primary winding voltage is 230V
- * Mounting on DIN-rail