

Control and Annunciator Panels

Control Panel Annunciator

Series CTR24

Series CTR24

Technical features

Material: **Aluminium** (Alu)
Colour frames: **Black**
Protection degree: **IP40**
Working temperature: **-20°C +60°C**
Operating life at AT 25°C: **> 100.000 h**
Not replaceable LEDs

CE

Supply voltage +/- 10%

Power	Consumption	Current
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

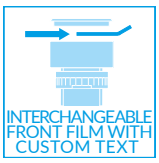
Other power supplies on request



Available with integrated Lamp Test circuit (LT),
to test all signals at once.



Integrated Rectifier Bridge to work in Alternating Current (AC)
or Direct Current (DC), automatically.

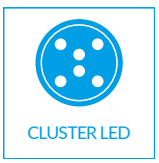


Customer can choose the LED colors, their arrangement and the text
next to the LEDs. Easy label replacement, freely exchangeable at any time.



Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm.





Tropicalization treatment available on request.
Extra bright visibility thanks to the powerful Cluster LED
(available only for HL16 48 and HL16 72).

The modular construction of the Annunciator allows units to be assembled in almost any size and shape to suit the customer's requirements, thanks three window sizes, six colours LED illumination.
A flexible alarm annunciator that offers a perfect solution with any alarm system requirement.
Since annunciators are used to monitor critical plants, it is essential that the unit provides the highest reliability possible.

Customs tariff: **85389091**

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Series CTR24

Overview

AmpiLED display
Indicators
Series HL
pagina 126

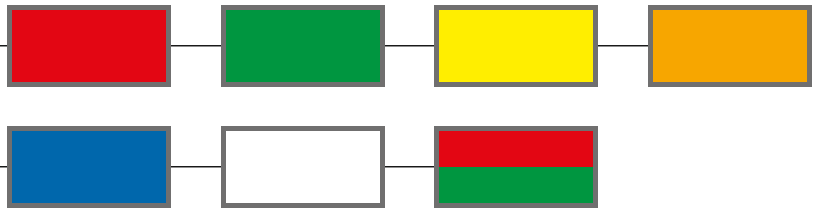


24x24mm



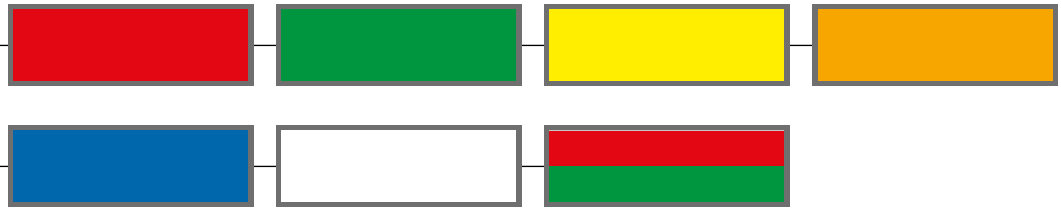


48x24mm





72x24mm





Series CTR24

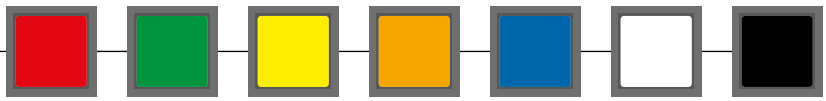
Coding

Pushbutton
Series CD16
pagina 148

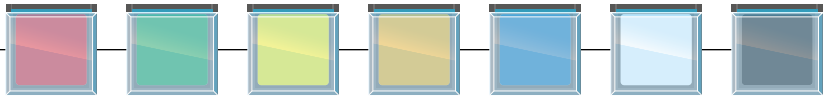


24x24mm

Standard



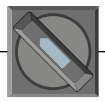
With protective cover



Knob Selector Switch
Series CD16
pagina 154

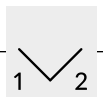


24x24mm

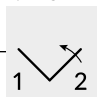


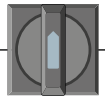
2 positions

Mantained



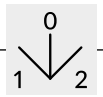
Spring return



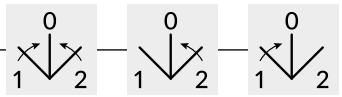


3 positions

Mantained



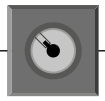
Spring return



Key Switch
Series CD16
pagina 155

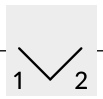


24x24mm



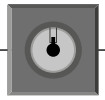
2 positions

Mantained



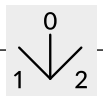
Spring return



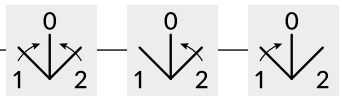


3 positions

Mantained



Spring return



Buzzer Sound
Series CD16
pagina 150



24x24mm



Series CTR24

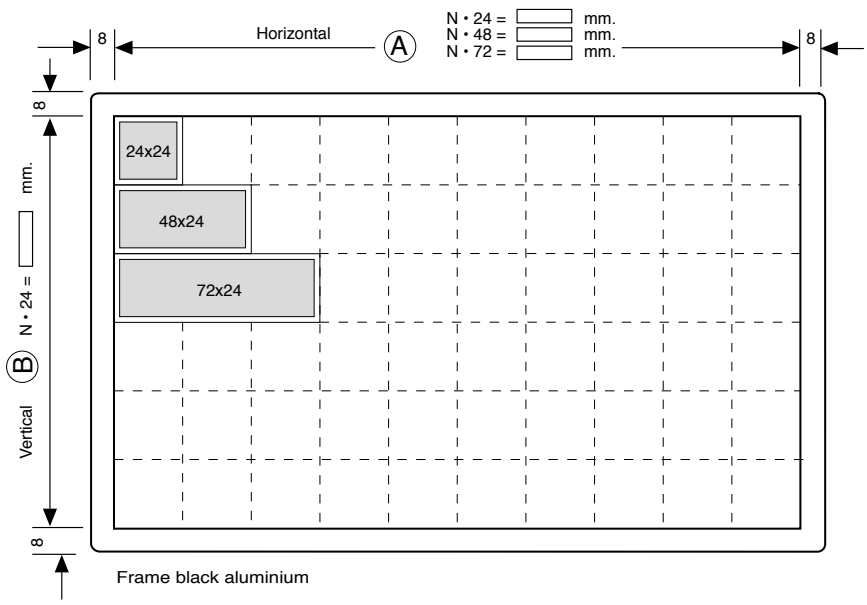
Product range and Dimensions

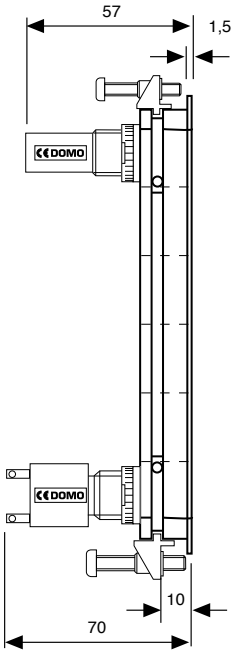
For orders refer to the following diagram:

CTR24

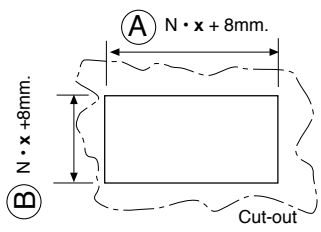


Control panel front size





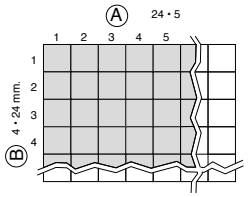
Control panel cut-out



N = Q.ty of single equipment
X = 24 mm. / 48 mm. / 72 mm.

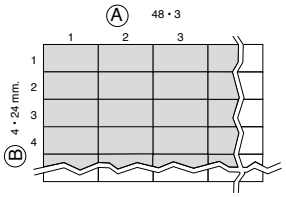
Example - how to order the control panel CTR 24 with:

Signalling HL16.24
(24x24)



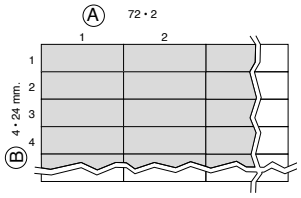
CRT24 A24/5 x B24/4

Signalling HL16.48
(48x24)



CRT24 A48/3 x B24/4

Signalling HL16.72
(72x24)

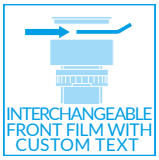


CRT24 A72/2 x B24/4

Series CTR24

Product range and Dimensions

Three windows size





AmpiLED display
Indicator 24 x 24
Series HL
Faston terminals
Weight 12g



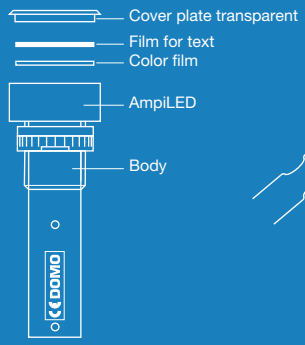
AmpiLED display
Indicator 48 x 24
Series HL
Faston terminals
Weight 18g



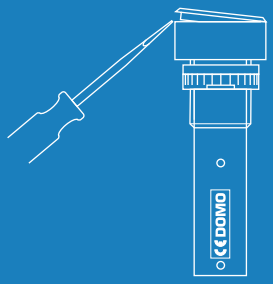
AmpiLED display
Indicator 72 x 24
Series HL
Faston terminals
Weight 28g

Attention! All details on pagina 126.

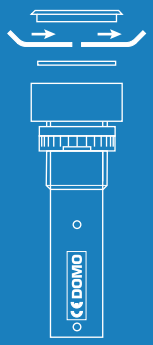
How to change and customize the film for text on AmpiLED



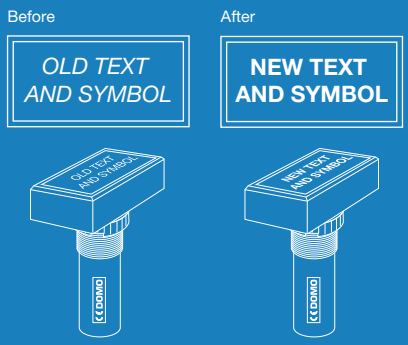
The top head AmpliLED is composed by a transparent cover plate, an interchangeable film with text and color film.



To change the film with text, gently remove the transparent cover plate with a screwdriver.



Replace the old film with another one. Please check the film dimensions on the Dimension and Wiring chapter on pagina 133



The film is fully customizable with texts or symbols.

Other elements compatible with the control unit



Pushbutton
Series CD16
Momentary or Latched
Illuminated or not illuminated
Contact block faston terminal
Weight 8g



Knob selector switch
Series CD16
two positions
three position
Contact block faston terminals
Weight 12g



Key selector switch
Series CD16
two positions
three position
Contact block faston terminals
Weight 25g



Buzzer Sound
Series CD16
Faston terminals
Weight 12g
Sound 80dB (1mt)

Attention! All details on pagina 142.



Control and Annunciator Panels

Alarm System Logica

Series LQ1

Series LQ1

Technical features

Power supply: 24 Vcd (10 to 28) - 200 mA
Positive Common (except external lamps)
36 Vcd (30 to 38) - 200 mA
Positive Common (except external lamps)

Outputs: NPN type, 100 mA (horns 250 mA)

Inputs: Input contacts must close to Negative (internal pull-up to +24 Voc. R=2.400 Ohm)

Dimensions: 160x90 mm (9 modules) h=68 mm. Fastening do DIN EN 50022 guides according to DIN 43880 standards.

CE

A flexible alarm annunciator that offers a perfect solution with any alarm system requirement.

Since Annunciators are used to monitor critical plants, it is essential that the unit provides the highest reliability possible.

ISA sequences:

ISA-1	ISA-2B
ISA-1A	ISA-2C
ISA-1B	ISA-2D
ISA-1C	ISA-2C with first out
ISA-2A	ISA-4A

n.18 Signalling lamp
n.18 Alarm inputs
n.4 Pushbutton: Lamp Test, ACK, Sequence test, reset
n.2 External horns

The SQ-1 Logica works latching in alarms and driving repeat relays, with the drive to the lamps horn and pushbutton inputs enabled.

The SQ-1 Logica can be panel mounted on DIN rail bars.

A system can be created to link two or more SQ-1 Logica together as repeat or grouped displays.

PC
POSITIVE COMMON

Positive Common by default.

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

Customs tariff: **85389091**

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Series LQ1

SQ-1
Weight 330g



Power supply

24V	SQ-1 024
36V	SQ-1 036

Instructions

Normal work
"Work" LED always lit up means normal work.
The LEDs from 1 to 17 display the status of the outputs.
By keeping "<" pressed, the LEDs show the status of the inputs (monitor).
By keeping ">" pressed the LEDs show the type of the inputs (short flash = NO, long flash = NC).
By keeping "Set" pressed down, the LEDs show the type of sequence programmed.

Programming

1 Keep the "Prog" key pressed 3 seconds long. The Seq LED will start flashing. LEDs from 1 to 10 will display the type of sequence selected. Use "<" or ">" to change the selected sequence.

2 Press the "Prog" key again. The NO/NC LED will flash quickly. LEDs from 1 to 10 will flash showing the selected input and its type: a short flash means NO (normally open) contact, a long flash means NC (normally closed) contact.
To select different inputs press "<" or ">". To change the type of the input to the selected one press "Set".
In order to display all the input types, keep pressed either "<" or ">".
By keeping pressed either "<" or ">" together with the "Set" key, all the inputs will be programmed automatically according to the signal currently applied to each input (the signal applied in that moment will be considered normal).
Pressing "Prog" again brings back to step 1.

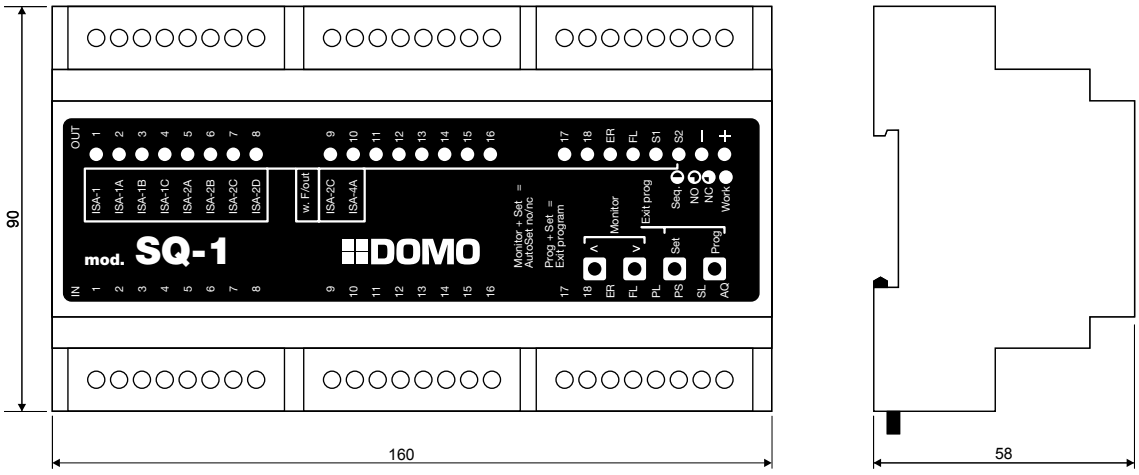
3 In order to end programming and save the configuration, keep "Prog" pressed by pressing "Set".

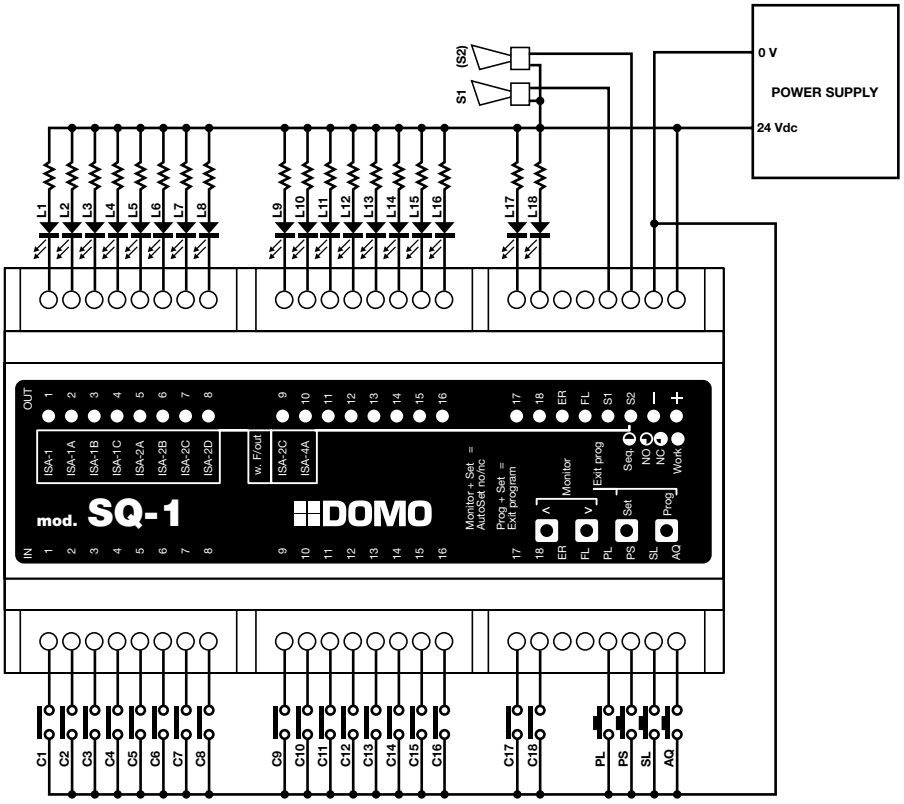
Series LQ1

Dimensions and wiring

SQ-1

Dimensions mm 1:2





Legend

L1 ... L18	Signalling lamps 24 Vcc
C1 ... C18	Alarm inputs
PL	Lamp Test
PS	Sequence Test
SL	Reset
AQ	Acknowledgment

ISA RP181	ISA S18.1
ISA-1	ISA-A
ISA-1A	ISA-A5
ISA-1B	ISA-A4
ISA-1C	ISA-A4-5
ISA-2A	ISA-R8
ISA-2B	ISA-R11
ISA-2C	ISA-M
ISA-2D	ISA-M5
ISA-4A	ISA-F1A



LED Indicators

AmpiLED display

Series HL

Series HL

Technical features

Body material:	**Polycarbonate (PC) V0/UL 94**
Body colour:	**Black**
Protection degree:	**IP54**
Working temperature:	**-20°C +60°C**
Operating life at AT 25°C:	**> 100.000 h**

Not replaceable LEDs

CE

Supply voltage +/- 10%

Power	Consumption	Current
12 Vac/dc	15-20mA	AC/DC
24 Vac/dc	15-20mA	AC/DC
48 Vac/dc	15-20mA	AC/DC
130 = 110-130 Vac/dc	15-20mA	AC/DC
240 Vac	15mA	Alternating Current
220 Vdc	9mA	Direct Current

Other power supplies on request



Available with integrated Lamp Test circuit (LT), to test all signals at once.



Integrated Rectifier Bridge to work in Alternating Current (AC) or Direct Current (DC), automatically.

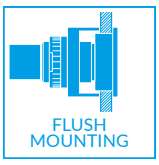


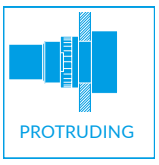
Customer can choose the LED colors, their arrangement and the text next to the LEDs. Easy label replacement, freely exchangeable at any time.





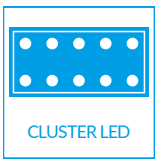
Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm or Flying Leads.





B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.





Tropicalization treatment available on request. Extra bright visibility thanks to the powerful Cluster LED (available only for HL16 48 and HL16 72).

Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Customs tariff: **85389091**

Conformity to standards:
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Series HL - ø16mm

Overview

A type: Protruding

Head shape

- 24x24mm
- 48x24mm
- 72x24mm

B type: Flush Mounting

Head shape

- 27x27mm
- 51x27mm
- 75x27mm



Connections
FASTON terminals
FLYING LEADS

Hole Size
ø16mm

Series HL - ø16mm

Coding

Cut-out
- **16** ø16mm

Head dimension
- **24** Square 24x24
- **48** Square 48x24
- **72** Square 72x24

Number of face on head
- **1** One-face
- **2** Two-Faces

Power supply

AC/DC
- **24 Vac/dc**
- **48 Vac/dc**
- **130 Vac/dc**

Alternating Current
- **240 Vac**

Direct Current
- **220 Vdc**

Other power supplies on request

Product Code: **HL16 A 241R Vxx LT** — Extra Options

Head projection
- **A** Protruding
- **B** Flush Mounting

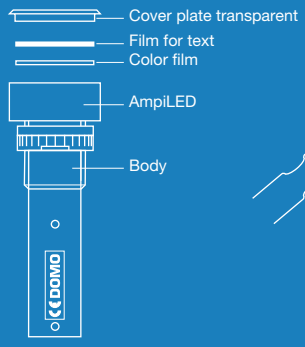
N.B. by default the head is Protruding: no need to add a letter A to the code. Instead, the dedicated letter B must be added when the head type is Flush Mounting.

Color
- **R** Red
- **G** Green
- **Y** Yellow
- **A** Amber
- **B** Blue
- **W** White
- **RR** Two-Faces Red/Red
- **GG** Two-Faces Green/Green
- **RG** Two-Faces Red/Green

Options
- **FL** Flying Leads*
- **TR** Tropicalization
- **LT** Integrated Lamp Test facility

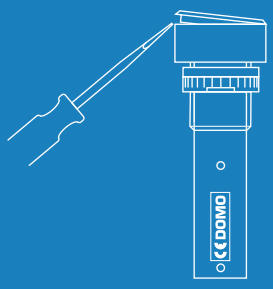
How to change and customize the film for text

A



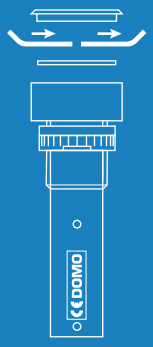
The top head AmpliLED is composed by a transparent cover plate, an interchangeable film with text and color film.

B



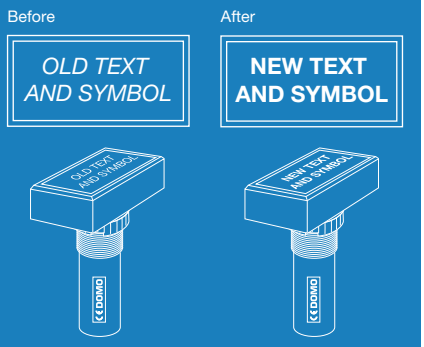
To change the film with text, gently remove the transparent cover plate with a screwdriver.

C



Replace the old film with another one. Please check the film dimensions on the Dimension and Wiring chapter on pagina 133

D



The film is fully customizable with texts or symbols.

Please see product range section for the feasibility. Special version on request.

* Please contact our sales office to define details.

Series HL - ø16mm

Product range



HL16 24 A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 12g



HL16 24 B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 14g

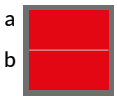


Standard type



	HL16 24 A type	HL16 24 B type
Red	HL16 241R Vxx	HL16B 241R Vxx
Green	HL16 241G Vxx	HL16B 241G Vxx
Yellow	HL16 241Y Vxx	HL16B 241Y Vxx
Amber	HL16 241A Vxx	HL16B 241A Vxx
Blue	HL16 241B Vxx	HL16B 241B Vxx
White	HL16 241W Vxx	HL16B 241W Vxx
	FL TR LT	FL TR LT

Two-Faces



	HL16 24 A type	HL16 24 B type
a Red b Red	HL16 242RR Vxx	HL16B 242RR Vxx
	FL TR	FL TR
a Green b Green	HL16 242GG Vxx	HL16B 242GG Vxx
	FL TR	FL TR
a Red b Green	HL16 242RG Vxx	HL16B 242RG Vxx
	FL TR	FL TR

Series HL - ø16mm

Product range



HL16 48 A type
Protruding
Head 24x48mm
Cut-out Ø16mm
Weight 18g



HL16 48 B type
Flush Mounting
Head 27x51mm
Cut-out 24x48 mm
Weight 21g



Standard type



Red	HL16 481R Vxx	HL16B 481R Vxx
Green	HL16 481G Vxx	HL16B 481G Vxx
Yellow	HL16 481Y Vxx	HL16B 481Y Vxx
Amber	HL16 481A Vxx	HL16B 481A Vxx
Blue	HL16 481B Vxx	HL16B 481B Vxx
White	HL16 481W Vxx	HL16B 481W Vxx
	FL TR LT	FL TR LT

Two-Faces



a Red b Green	HL16 482RG Vxx	HL16B 482RG Vxx
	FL TR	FL TR

Series HL - ø16mm

Product range

INTERCHANGEABLE FRONT FILM WITH CUSTOM TEXT

HD 16 72 A type
Protruding
Head 24x72mm
Cut-out Ø16mm
Weight 28g



HD 16 72 B type
Flush Mounting
Head 27x75mm
Cut-out 24x72mm
Weight 30g



Standard type



	HD 16 72 A type	HD 16 72 B type
Red	HL16 721R Vxx	HL16B 721R Vxx
Green	HL16 721G Vxx	HL16B 721G Vxx
Yellow	HL16 721Y Vxx	HL16B 721Y Vxx
Amber	HL16 721A Vxx	HL16B 721A Vxx
Blue	HL16 721B Vxx	HL16B 721B Vxx
White	HL16 721W Vxx	HL16B 721W Vxx
	FL TR LT	FL TR LT

Two-Faces

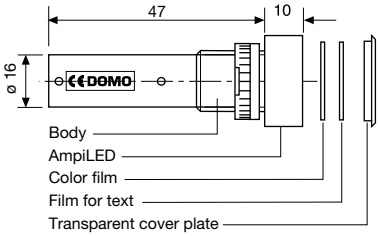


	HD 16 72 A type	HD 16 72 B type
a Red b Green	HL16 722RG Vxx	HL16B 722RG Vxx
	FL TR	FL TR

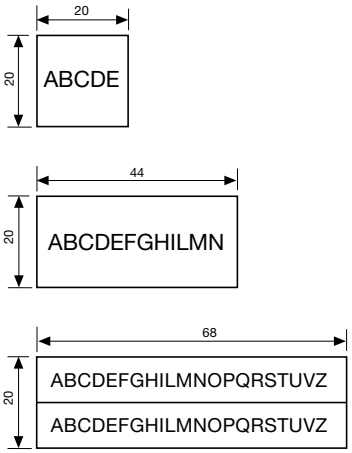
Series HL - ø16mm

Dimensions and wiring

Customizable film for text

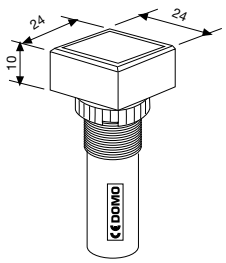


Writing example

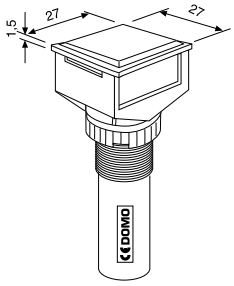


HL16 24

Dimensions mm 1:2



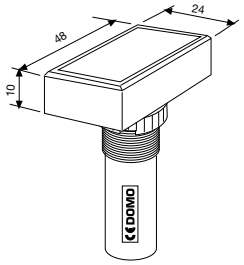
A type
Protruding



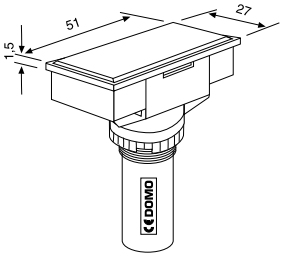
B type
Flush Mounting

HL16 48

Dimensions mm 1:2



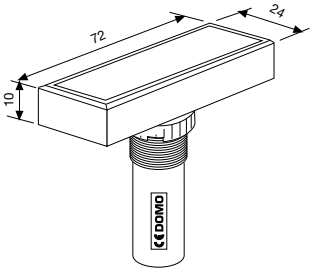
A type
Protruding



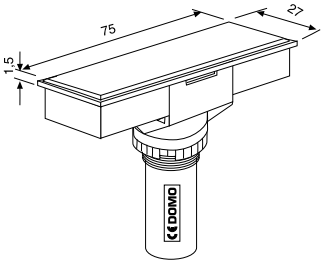
B type
Flush Mounting

HL16 72

Dimensions mm 1:2



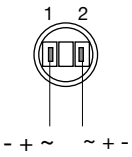
A type
Protruding



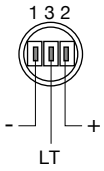
B type
Flush Mounting

Faston terminals Tabs 2,8 x 0,8mm

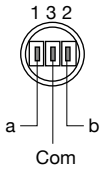
Monocolor



Monocolor + Lamp Test (LT)

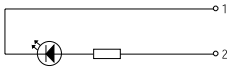


Two-Faces



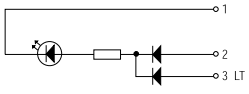
Flying Leads

Monocolor



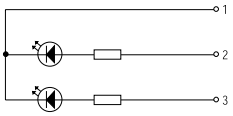
1 - White
2 - Brown

Monocolor + Lamp Test (LT)



1 - White
2 - Brown
3 - Green

Two-Faces



1 - White
2 - Brown
3 - Green



Pushbutton Switches

Pushbuttons Ø16mm

Series CD16

Series CD16

Technical features

Conforming to standards as:	**IEC 60947-5-1** **Nema EN418** **UL 508** **Test report 11-0912-01**
Environmental conditions:	
- Service	**-25°C ~ +70°C**
- Storage	**-40°C ~ +70°C**
- Humidity	**35 ~ 85%RH**
Protection degree:	**IEC 60529**
Mechanical durability (in millions of operating cycles):	**Momentary 3,0** **Latched 0,5** **Selector 1,0** **Contact elements 3,0**
Body material:	**Polycarbonate (PC) V0/UL 94**
Body colour:	**Black (pushbuttons) - Grey (contacts)**
Rate insulation voltage for contact block according to IEC 60947-5-1:	**Ui 300 Vac/dc with Faston terminals 2,8 x 0,8 mm - degree of pollution 3**
Contact block operating materials:	**Silver alloy Ag/Ni** **Self Cleaning creeping action slow break**
Rated impulse with standard voltage:	**U_{imp} 5kv**

CE

Faston Connection /th 5A

AC-15	V	24	48	110	240
	A	5	4	3	1,5
DC-14	V	24	48	110	220
	A	2,5	1,4	0,2	0,15

Electrical data for illuminated elements with LED

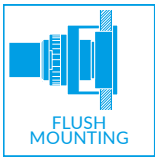
50-60Hz

Power		Current
12 Vac/dc	± 10%	16 mA
24 Vac/dc	± 10%	16 mA
48 Vac/dc	± 10%	14 mA
110 Vac/dc	± 10%	10 mA
130 Vac/dc	± 10%	8 mA
220 Vdc	± 10%	5 mAV
240 Vac	± 10%	4,5 mA

Color	Operating life
Red, Green, Yellow, Amber	100.000h
Blue, White	50.000h

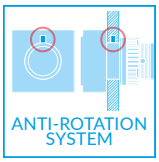


Easy to connect thanks to the Faston terminals 2.8mm x 0.8mm.





B type solution with low-profile Flush Mounting, to limit the external dimensions and improve the design of the panel.



Anti-rotation System.

Customs tariff: **85389091**

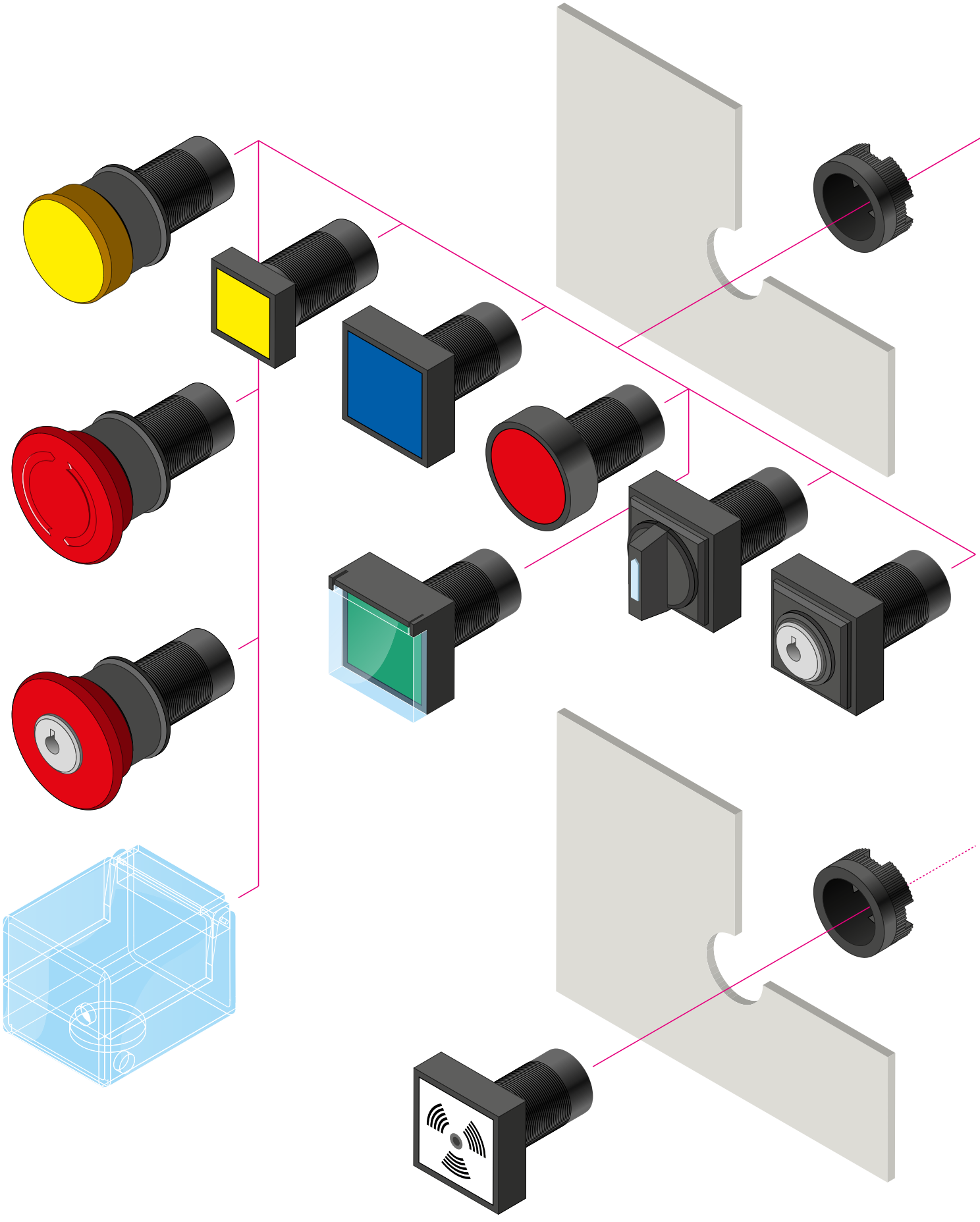
Compliance:
Directive 2006/95/EC Low Voltage
Directive 2004/108/EC Electromagnetic Compatibility
Directive 2011/65/EC RhOS
Directive 2006/42/EC Machinery

Conformity to standards:
EN 60947.5.1 / EN 60073 / EN 60529 / EN 60068-2-6 / EN 60204.1 / EN ISO 7731 / EN 981 / IEC 536

DOMO reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

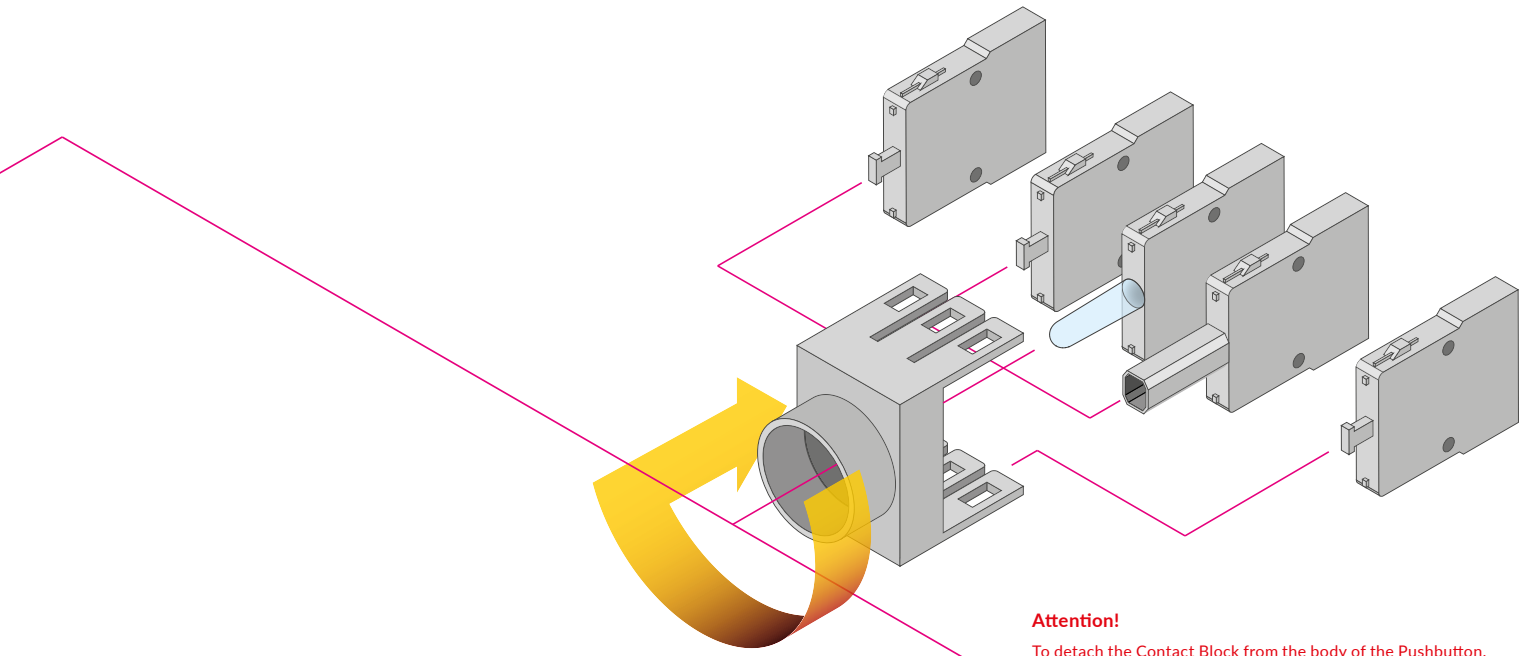
Series CD16 - ø16mm

Overall view sample



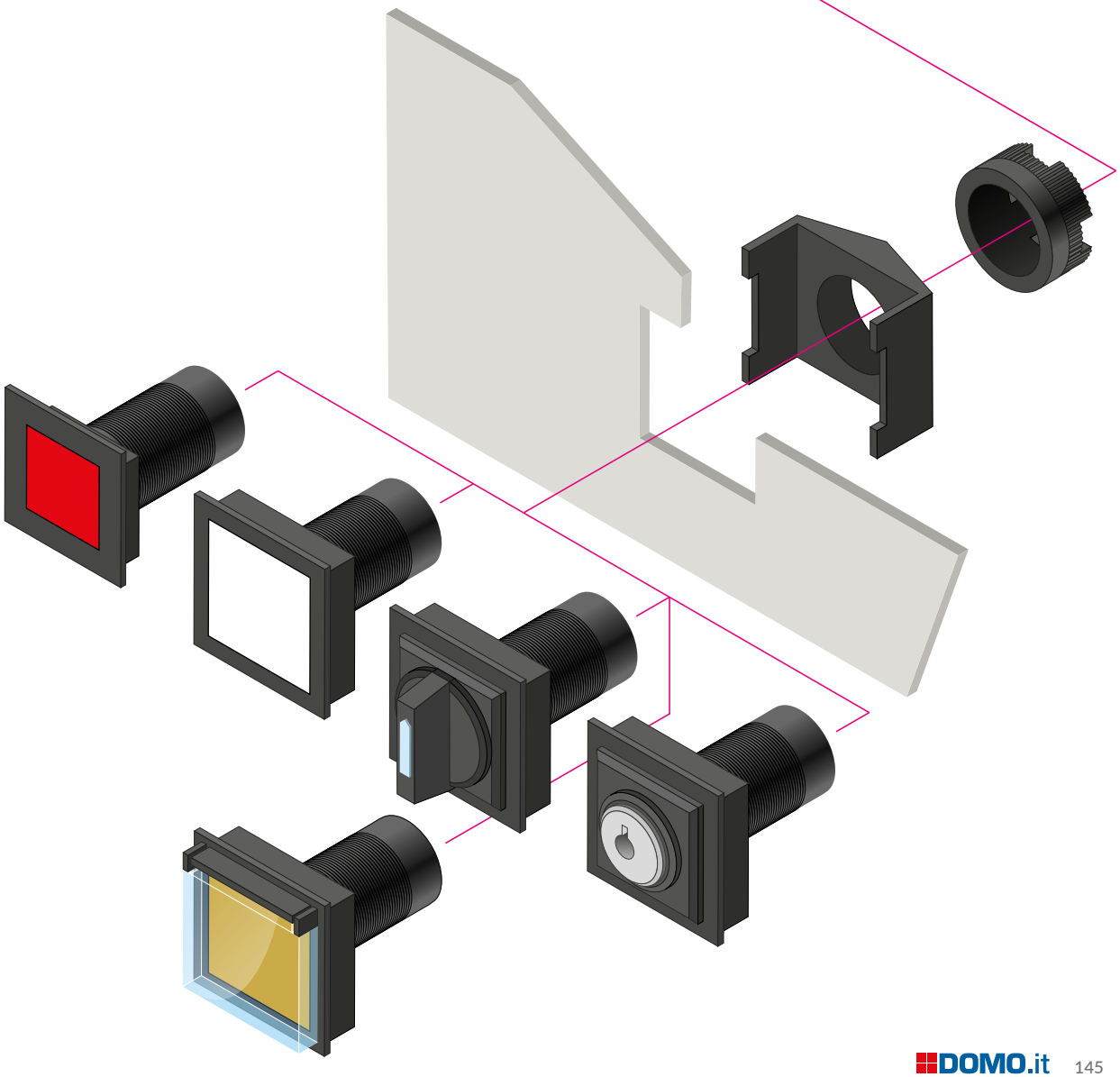
Series CD16 - ø16mm

Overall view sample



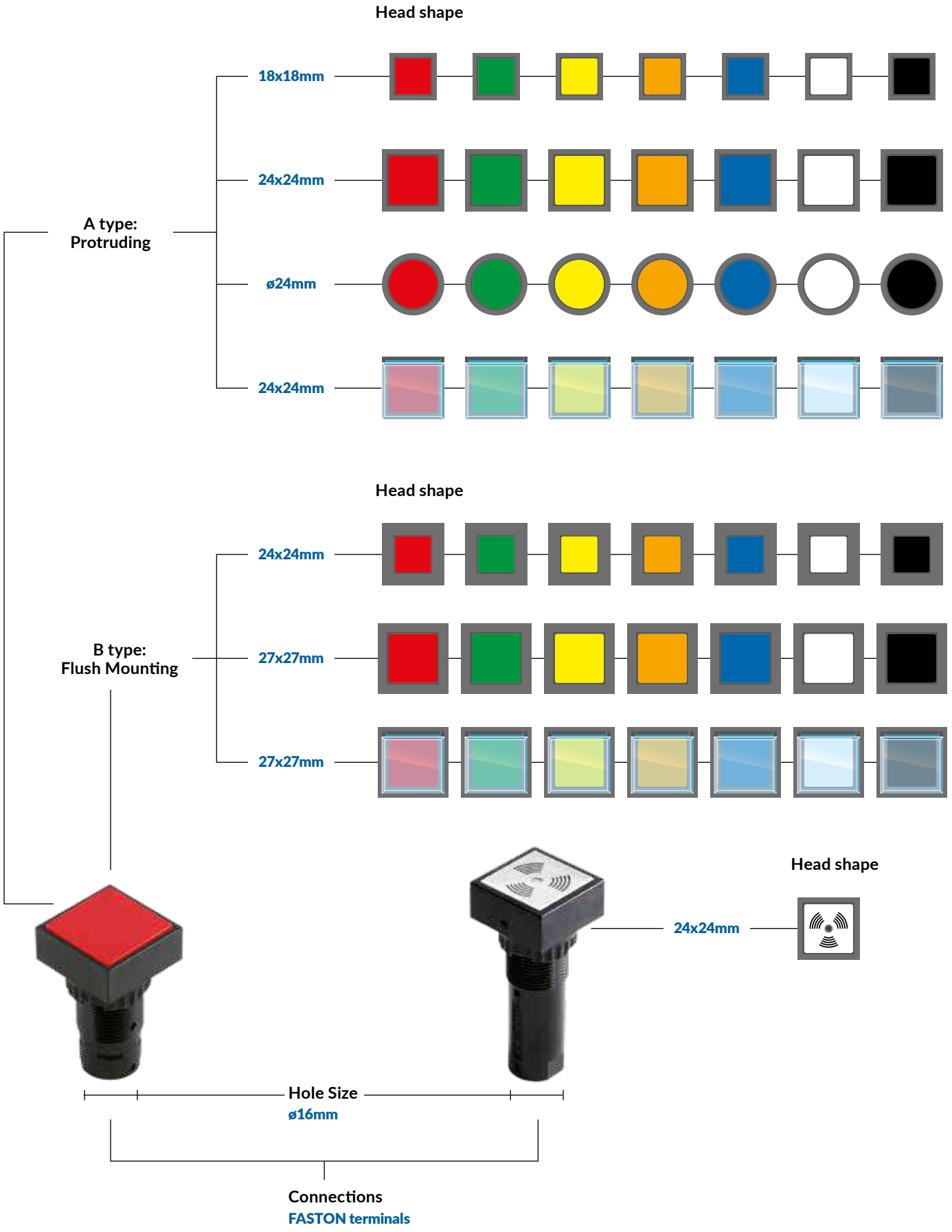
Attention!

To detach the Contact Block from the body of the Pushbutton, first rotate it 45° and then extract the Block.



Series CD16 - ø16mm

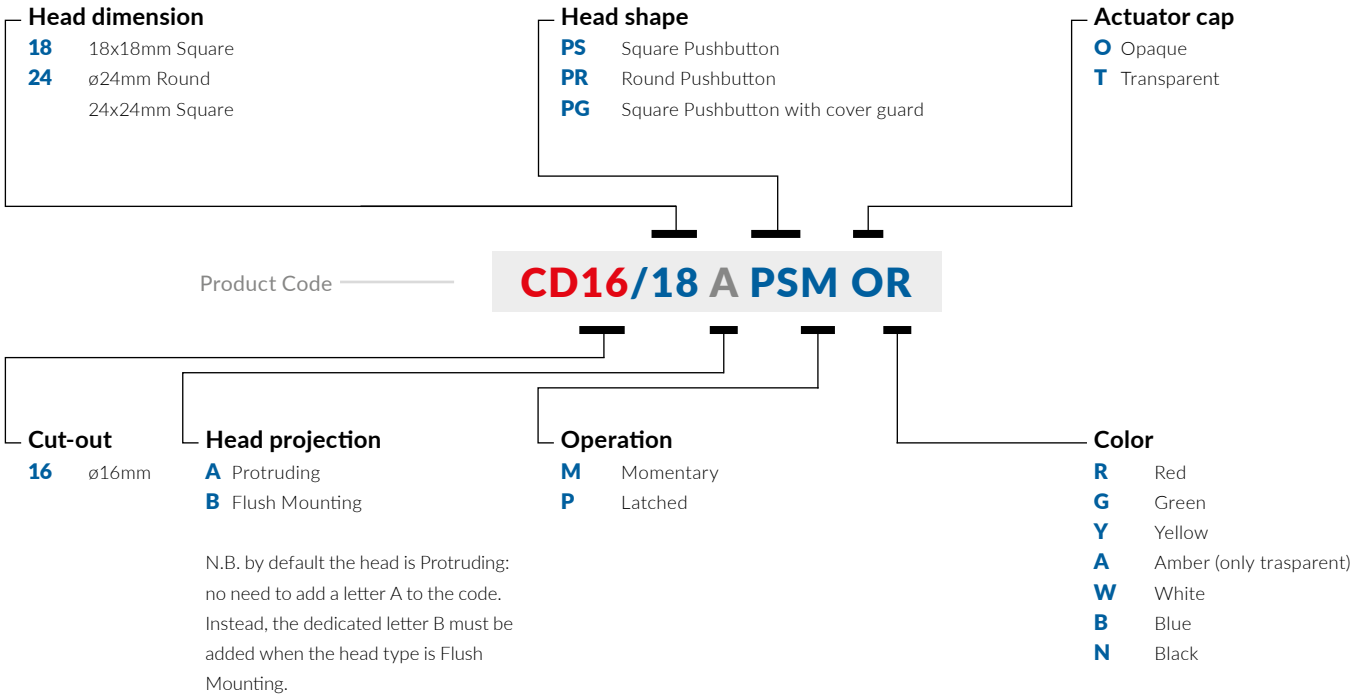
Overview



Series CD16 - ø16mm

Coding

Pushbutton



Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Series CD16 - ø16mm

Product range

Pushbutton

A type
Protruding
Head 18x18mm
Cut-out Ø16mm
Weight 7g



B type
Flush Mounting
Head 24x24mm
Cut-out 18x18mm
Weight 10g



		A type	B type
Momentary non illuminated	Red	CD16/18 PSM OR	CD16/18B PSM OR
	Green	CD16/18 PSM OG	CD16/18B PSM OG
	Yellow	CD16/18 PSM OY	CD16/18B PSM OY
	Blue	CD16/18 PSM OB	CD16/18B PSM OB
	White	CD16/18 PSM OW	CD16/18B PSM OW
	Black	CD16/18 PSM ON	CD16/18B PSM ON
Momentary illuminated	Red	CD16/18 PSM TR	CD16/18B PSM TR
	Green	CD16/18 PSM TG	CD16/18B PSM TG
	Yellow	CD16/18 PSM TY	CD16/18B PSM TY
	Amber	CD16/18 PSM TA	CD16/18B PSM TA
	Blue	CD16/18 PSM TB	CD16/18B PSM TB
	White	CD16/18 PSM TW	CD16/18B PSM TW
Latched non illuminated	Red	CD16/18 PSP OR	CD16/18B PSP OR
	Green	CD16/18 PSP OG	CD16/18B PSP OG
	Yellow	CD16/18 PSP OY	CD16/18B PSP OY
	Blue	CD16/18 PSP OB	CD16/18B PSP OB
	White	CD16/18 PSP OW	CD16/18B PSP OW
	Black	CD16/18 PSP ON	CD16/18B PSP ON
Latched illuminated	Red	CD16/18 PSP TR	CD16/18B PSP TR
	Green	CD16/18 PSP TG	CD16/18B PSP TG
	Yellow	CD16/18 PSP TY	CD16/18B PSP TY
	Amber	CD16/18 PSP TA	CD16/18B PSP TA
	Blue	CD16/18 PSP TB	CD16/18B PSP TB
	White	CD16/18 PSP TW	CD16/18B PSP TW

Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165

Series CD16 - ø16mm

Product range

Pushbutton

A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 8g



B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 11g



		A type	B type
Momentary non illuminated	Red	CD16/24 PSM OR	CD16/24B PSM OR
	Green	CD16/24 PSM OG	CD16/24B PSM OG
	Yellow	CD16/24 PSM OY	CD16/24B PSM OY
	Blue	CD16/24 PSM OB	CD16/24B PSM OB
	White	CD16/24 PSM OW	CD16/24B PSM OW
	Black	CD16/24 PSM ON	CD16/24B PSM ON
Momentary illuminated	Red	CD16/24 PSM TR	CD16/24B PSM TR
	Green	CD16/24 PSM TG	CD16/24B PSM TG
	Yellow	CD16/24 PSM TY	CD16/24B PSM TY
	Amber	CD16/24 PSM TA	CD16/24B PSM TA
	Blue	CD16/24 PSM TB	CD16/24B PSM TB
	White	CD16/24 PSM TW	CD16/24B PSM TW
Latched non illuminated	Red	CD16/24 PSP OR	CD16/24B PSP OR
	Green	CD16/24 PSP OG	CD16/24B PSP OG
	Yellow	CD16/24 PSP OY	CD16/24B PSP OY
	Blue	CD16/24 PSP OB	CD16/24B PSP OB
	White	CD16/24 PSP OW	CD16/24B PSP OW
	Black	CD16/24 PSP ON	CD16/24B PSP ON
Latched illuminated	Red	CD16/24 PSP TR	CD16/24B PSP TR
	Green	CD16/24 PSP TG	CD16/24B PSP TG
	Yellow	CD16/24 PSP TY	CD16/24B PSP TY
	Amber	CD16/24 PSP TA	CD16/24B PSP TA
	Blue	CD16/24 PSP TB	CD16/24B PSP TB
	White	CD16/24 PSP TW	CD16/24B PSP TW

Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165

Series CD16 - ø16mm

Product range

Pushbutton and Sound Buzzer

		A type Protruding Head Ø24mm Cut-out Ø16mm Weight 8g	**Buzzer Sound** Protruding Head Ø24mm Cut-out Ø16mm Weight 12g Sound 80dB (1mt) IP 20
			
Momentary non illuminated	Red	CD16/24 PGM OR	-
	Green	CD16/24 PGM OG	.
	Yellow	CD16/24 PGM OY	.
	Blue	CD16/24 PGM OB	.
	White	CD16/24 PGM OW	.
	Black	CD16/24 PGM ON	.
Momentary illuminated	Red	CD16/24 PGM TR	-
	Green	CD16/24 PGM TG	-
	Yellow	CD16/24 PGM TY	-
	Amber	CD16/24 PGM TA	-
	Blue	CD16/24 PGM TB	-
	White	CD16/24 PGM TW	-
Latched non illuminated	Red	CD16/24 PGP OR	-
	Green	CD16/24 PGP OG	-
	Yellow	CD16/24 PGP OY	-
	Blue	CD16/24 PGP OB	-
	White	CD16/24 PGP OW	-
	Black	CD16/24 PGP ON	-
Latched illuminated	Red	CD16/24 PGP TR	-
	Green	CD16/24 PGP TG	-
	Yellow	CD16/24 PGP TY	-
	Amber	CD16/24 PGP TA	-
	Blue	CD16/24 PGP TB	-
	White	CD16/24 PGP TW	-
Buzzer Sound		-	CD16 AB 24
		-	CD16 AB 48

Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165

Series CD16 - ø16mm

Product range

with transparent cover guard 24x24mm

A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 9g



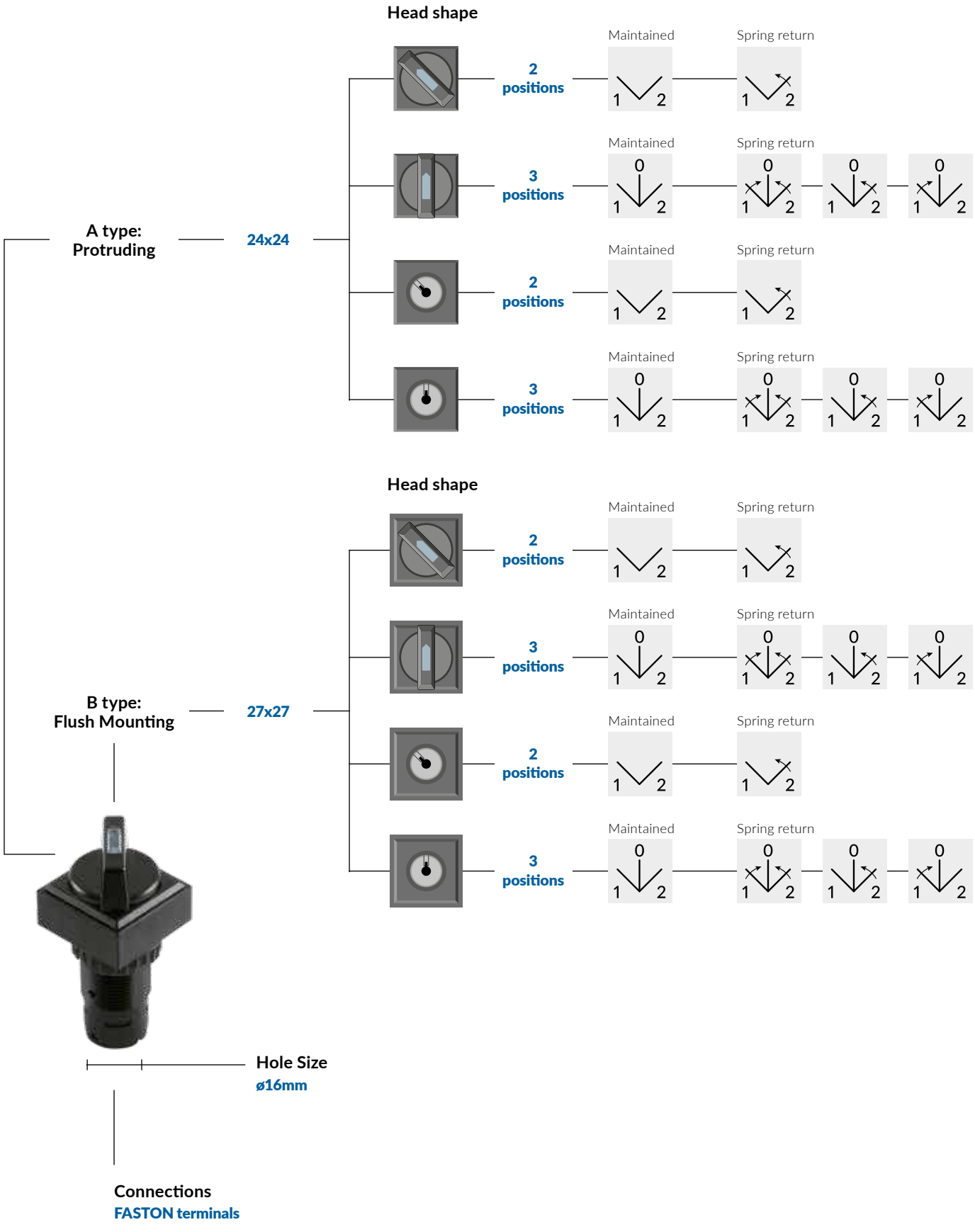
B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 13g



		A type	B type
Momentary non illuminated	Red	CD16/24 PGM OR	CD16/24B PGM OR
	Green	CD16/24 PGM OG	CD16/24B PGM OG
	Yellow	CD16/24 PGM OY	CD16/24B PGM OY
	Blue	CD16/24 PGM OB	CD16/24B PGM OB
	White	CD16/24 PGM OW	CD16/24B PGM OW
	Black	CD16/24 PGM ON	CD16/24B PGM ON
Momentary illuminated	Red	CD16/24 PGM TR	CD16/24B PGM TR
	Green	CD16/24 PGM TG	CD16/24B PGM TG
	Yellow	CD16/24 PGM TY	CD16/24B PGM TY
	Amber	CD16/24 PGM TA	CD16/24B PGM TA
	Blue	CD16/24 PGM TB	CD16/24B PGM TB
	White	CD16/24 PGM TW	CD16/24B PGM TW
Latched non illuminated	Red	CD16/24 PGP OR	CD16/24B PGP OR
	Green	CD16/24 PGP OG	CD16/24B PGP OG
	Yellow	CD16/24 PGP OY	CD16/24B PGP OY
	Blue	CD16/24 PGP OB	CD16/24B PGP OB
	White	CD16/24 PGP OW	CD16/24B PGP OW
	Black	CD16/24 PGP ON	CD16/24B PGP ON
Latched illuminated	Red	CD16/24 PGP TR	CD16/24B PGP TR
	Green	CD16/24 PGP TG	CD16/24B PGP TG
	Yellow	CD16/24 PGP TY	CD16/24B PGP TY
	Amber	CD16/24 PGP TA	CD16/24B PGP TA
	Blue	CD16/24 PGP TB	CD16/24B PGP TB
	White	CD16/24 PGP TW	CD16/24B PGP TW

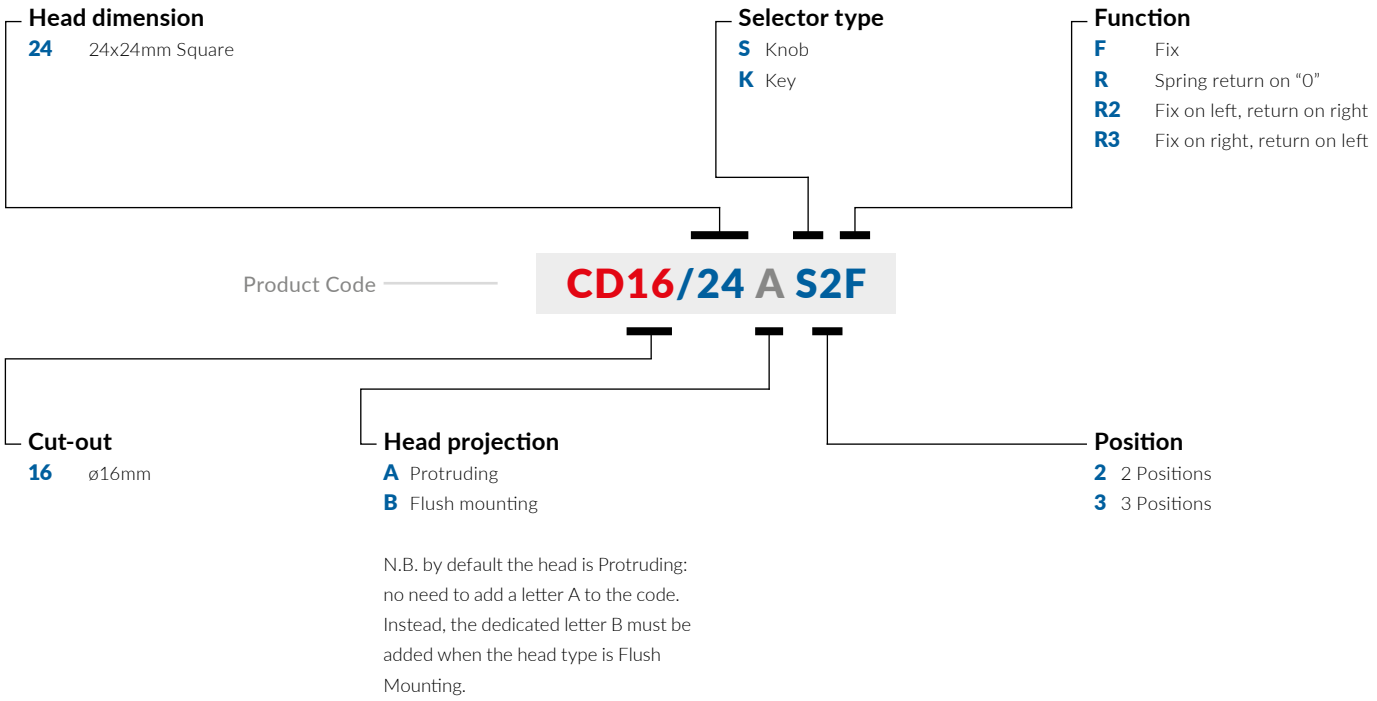
Note: Latched Pushbutton requires a minimum Contact elements configuration please search tick symbol on pagepagina 164 andpagina 165

Series CD16 - ø16mm



Series CD16 - ø16mm

Coding



N.B. by default the head is Protruding: no need to add a letter A to the code. Instead, the dedicated letter B must be added when the head type is Flush Mounting.

Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Series CD16 - ø16mm

Knob selector switch

A type
Protruding
Head 24x24mm
Cut-out Ø16mm
Weight 12g



B type
Flush Mounting
Head 27x27mm
Cut-out 24x24mm
Weight 15g



Actuator for selector switch 2 positions

	Maintained	CD16/24 S2F	CD16/24B S2F
	Spring Return	CD16/24 S2R	CD16/24B S2R

Actuator for selector switch 3 positions

	Maintained	CD16/24 S3F	CD16/24B S3F
	Spring Return	CD16/24 S3R	CD16/24B S3R
	Spring Return	CD16/24 S3R2	CD16/24B S3R2
	Spring Return	CD16/24 S3R3	CD16/24B S3R3

Series CD16 - ø16mm

Key selector switch

Key Removal	**A type** Protruding Head 24x24mm Cut-out Ø16mm Weight 25g		**B type** Flush Mounting Head 27x27mm Cut-out 24x24mm Weight 28g	

Actuator for key switch 2 positions

	Maintained	1 - 2	CD16/24 K2F1	CD16/24B K2F1
		1 - -	CD16/24 K2F2	CD16/24B K2F2
		- - 2	CD16/24 K2F3	CD16/24B K2F3
	Spring Return	1 - -	CD16/24 K2R1	CD16/24B K2R1

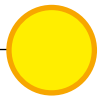
Actuator for key switch 3 positions

	Maintained	1 0 2	CD16/24 K3F1	CD16/24B K3F1
		1 - -	CD16/24 K3F2	CD16/24B K3F2
		- 0 -	CD16/24 K3F3	CD16/24B K3F3
		- - 2	CD16/24 K3F4	CD16/24B K3F4
	Spring Return	- 0 -	CD16/24 K3R1	CD16/24B K3R1
	Spring Return	- 0 -	CD16/24 K3R2	CD16/24B K3R2
		1 - -	CD16/24 K3R21	CD16/24B K3R21
	Spring Return	- 0 -	CD16/24 K3R3	CD16/24B K3R3
		- - 2	CD16/24 K3R31	CD16/24B K3R31

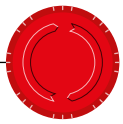
Series CD16 - ø16mm

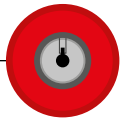
Head shape

Ø24mm



Ø30mm





Optional transparent cover guard



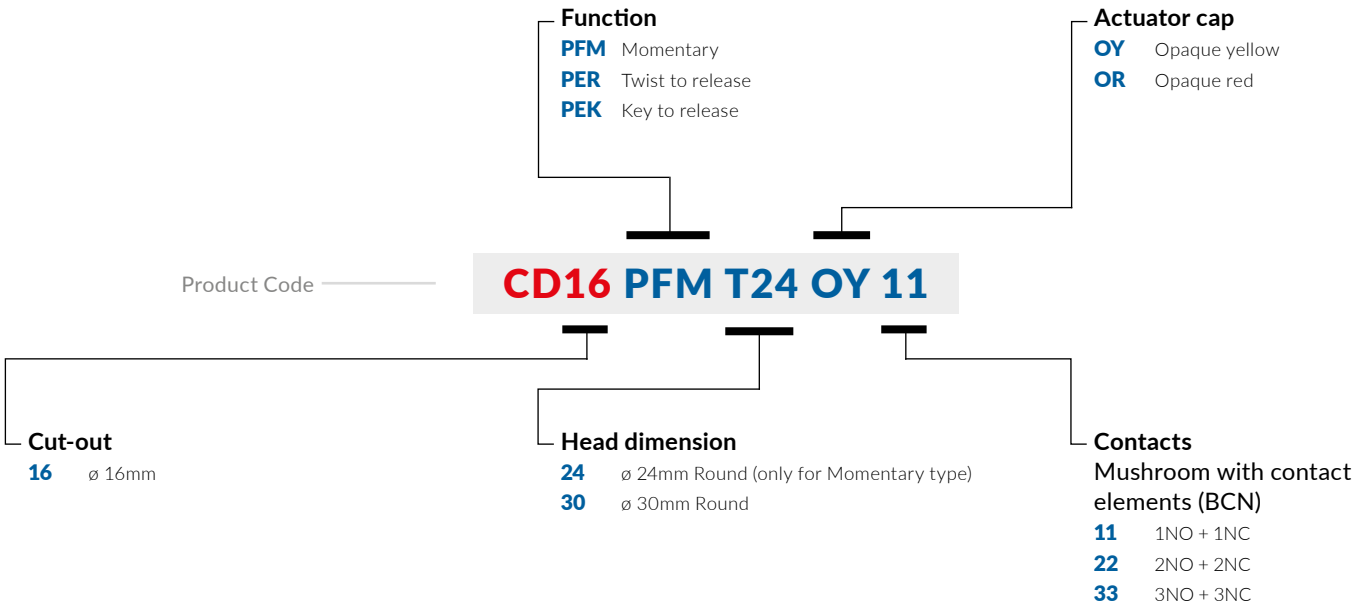


Hole Size
ø16mm

Connections
FASTON terminals

Series CD16 - ø16mm

Coding



Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

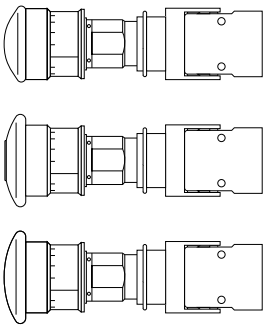
Series CD16 - ø16mm

Emergency mushroom with full cover guard

Attention!
Mushroom head pushbuttons are supplied toghether with contact blocks only.

Cut-out Ø16mm





Momentary mushroom head



Yellow

Head Ø24mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PFM T24 OY 11	Weight 26g
Mushroom with 2NO + 2NC	2	2	CD16 PFM T24 OY 22	Weight 29g
Mushroom with 3NO + 3NC	3	3	CD16 PFM T24 OY 33	Weight 33g

Emergency mushroom - twist to release

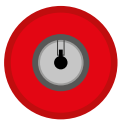


Red

Head Ø30mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PER T30 OR 11	Weight 27g
Mushroom with 2NO + 2NC	2	2	CD16 PER T30 OR 22	Weight 30g
Mushroom with 3NO + 3NC	3	3	CD16 PER T30 OR 33	Weight 34g

Emergency mushroom - key release



Red

Head Ø30mm

	NO	NC		
Mushroom with 1NO + 1NC	1	1	CD16 PER T30 OR 11	Weight 30g
Mushroom with 2NO + 2NC	2	2	CD16 PER T30 OR 22	Weight 33g
Mushroom with 3NO + 3NC	3	3	CD16 PER T30 OR 33	Weight 37g

Cover guard



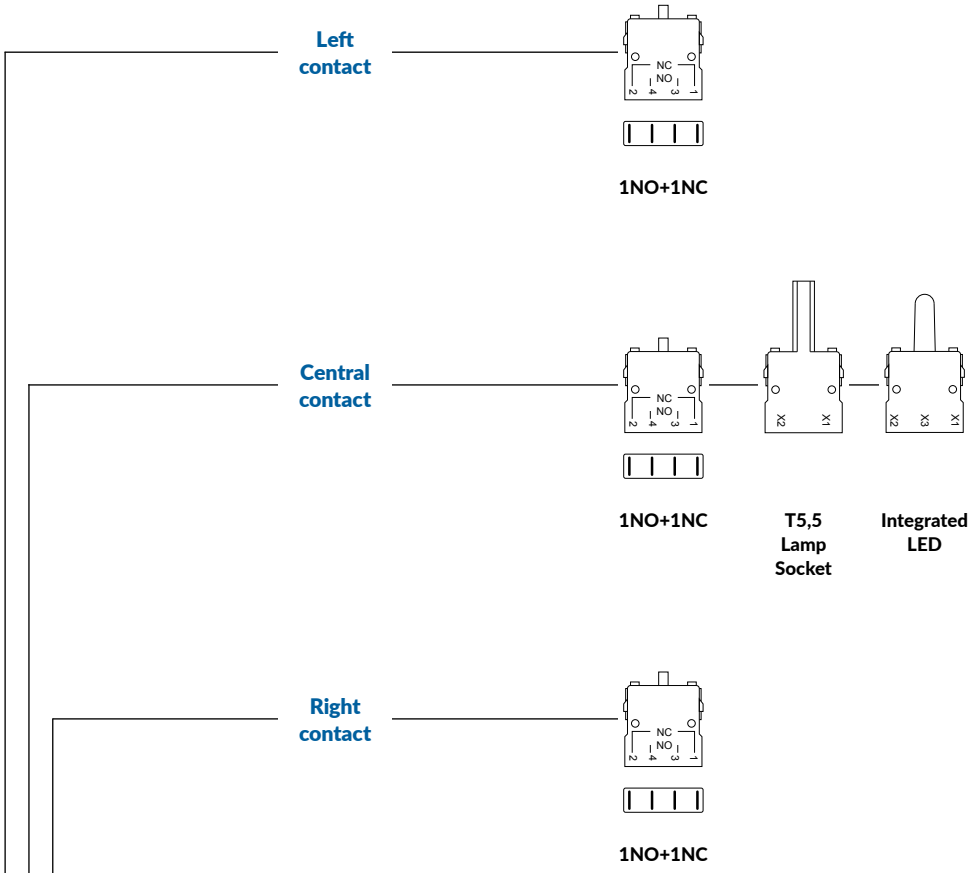
Transparent	CD16 GSP 2
Transparent + padlock	CD16 GSP 3

Width 35mm
Heigth 34mm
Depth 44mm

Cut-out Ø16mm
Weight 16 and 40g

Series CD16 - ø16mm

Contact block combinations





Maximum number of elements per product

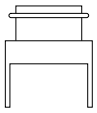
Pushbutton	3NO+3NC
Illuminated Pushbutton	2NO+2NC+LED
Knob Selector Switch 2 position	3NO+3NC
Knob Selector Switch 3 position	1NO+1NC for each position
Key Selector Switch 2 position	1NO+1NC for each position
Key Selector Switch 3 position	1NO+1NC for each position
Emergency Pushbutton	3NO+3NC

Series CD16 - ø16mm

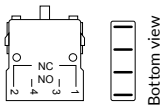
Support base with contact and light elements

	Support base for contact elements Weight 2g	**Contact Element Double 1NO+1NC** Weight 4g
		

Support Base

	CD16 BF3	-

Contact Element: 1 open + 1 close

	1NO + 1NC (3-4 + 1-2) Double	-	CD16 ECN 11

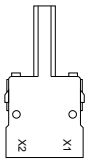
Series CD16 - ø16mm

Product range

Support base with contact and light elements

	T5,5 Lamp Socket element Weight 5g	**Integrated LED elements** Weight 4g
		

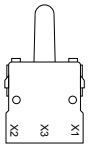
T5.5 Lamp Socket element



	CD16 EPL	-

Attention! More informations about LED lamps T5.5 on pagepagina 211

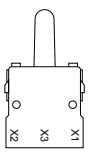
Integrated LED element



Red	-	CD16 ELED R Vxx
Green	-	CD16 ELED G Vxx
Yellow	-	CD16 ELED Y Vxx
Amber	-	CD16 ELED A Vxx
Blue	-	CD16 ELED B Vxx
White	-	CD16 ELED W Vxx
Red/Green	-	CD16 ELED RG Vxx

TR LT LV GP

Integrated LED element, Blinking Light



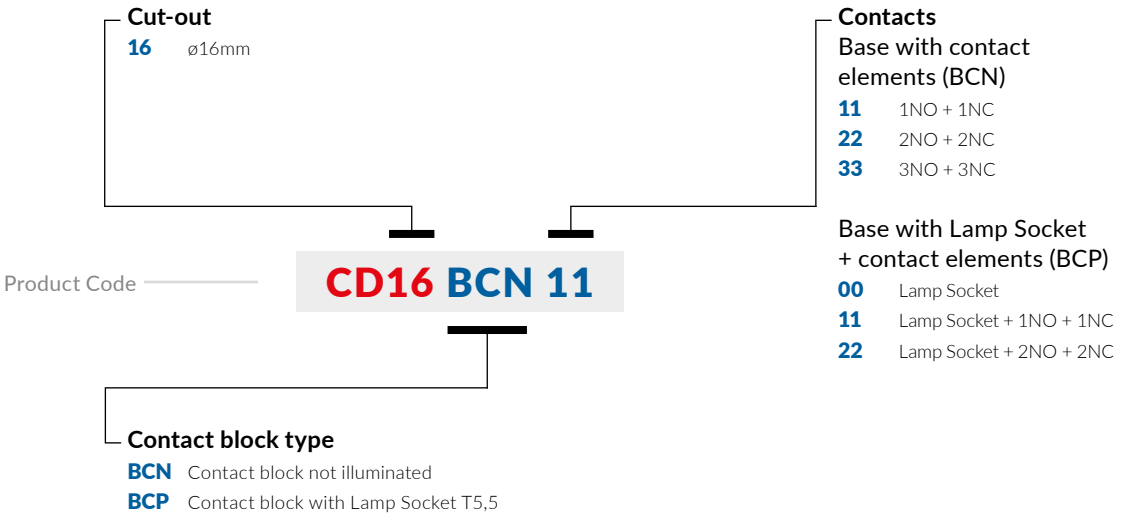
Red	-	CD16 ELED BR Vxx
Green	-	CD16 ELED BG Vxx
Yellow	-	CD16 ELED BY Vxx
Amber	-	CD16 ELED BA Vxx
Blue	-	CD16 ELED BB Vxx
White	-	CD16 ELED BW Vxx

24V and 48V only

Series CD16 - ø16mm

Coding

Contact block not iluminated and Contact block with Lamp Socket T5,5

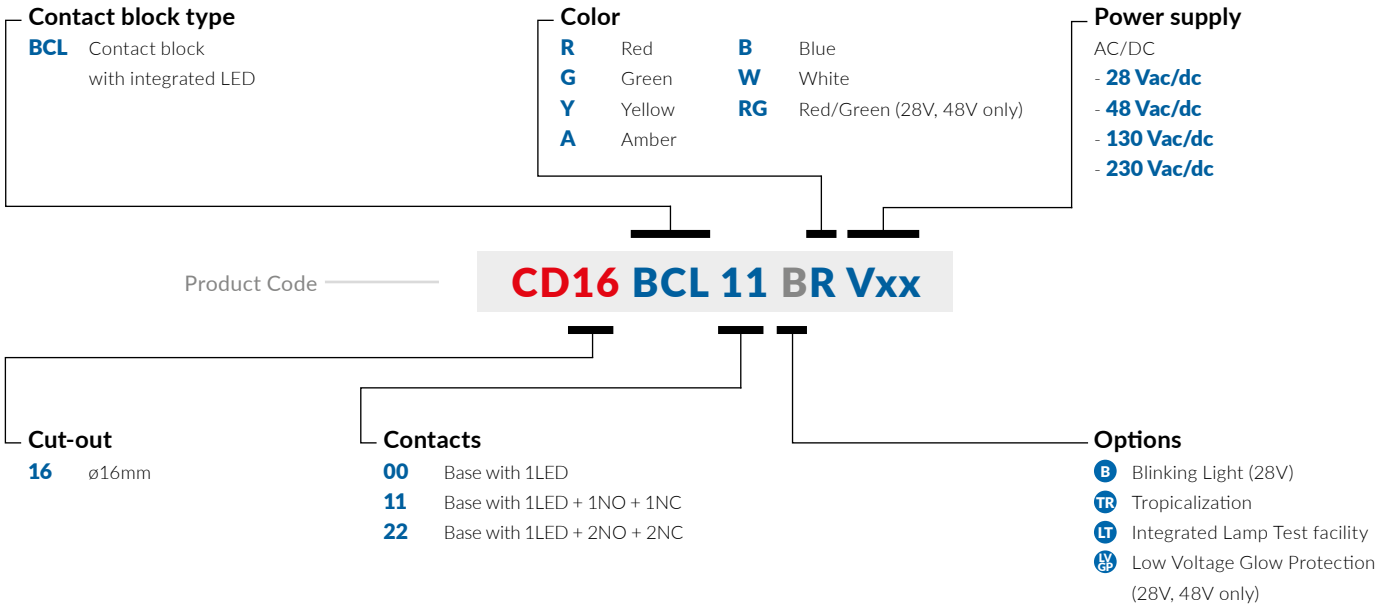


Attention! Please see product range section for the feasibility. Special version on request. DOMO Srl reserves the right to change, amend, modify, suspend, continue or terminate all or any part of the Product range either in an individual case or in general, at any time without notice.

Series CD16 - ø16mm

Coding

Contact block iluminated with integrated LED



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Series CD16 - ø16mm

Product range

Contact Blocks not Illuminated with support base and Contact Blocks Illuminated with Lamp Socket for T5,5

			Contact Block	Contact Block with Lamp Socket T5,5	
	NO	NC			

Base with Contact Element

	Base with 1NO + 1NC	1	1	CD16 BCN 11	-	Weight 8g
✓	Base with 2NO + 2NC	2	2	CD16 BCN 22	-	Weight 11g
✓	Base with 3NO + 3NC	3	3	CD16 BCN 33	-	Weight 15g

	LAMP	NO	NC			

Base with with Lamp Socket

	Base with Lamp Socket	1	-	-	-	CD16 BCP 00	Weight 7g

Base with with Lamp Socket and Contact Element

	Base with LAMP + 1NO + 1NC	1	1	1	-	CD16 BCP 11	Weight 13g
✓	Base with LAMP + 2NO + 2NC	1	2	2	-	CD16 BCP 22	Weight 15g

Attention! LED Lamps T5,5 not included.
More informations about LED lamps T5.5 on pagepagina 211

Note: Suitable for Pushbutton Latched type



Base
CD16 BF3

+



Contact Element
1NO+1NC
CD16 ECN 11



Base
CD16 BF3

+



Contact Element
1NO+1NC
CD16 ECN 11

+



Lamp Socket
CD16 EPL

Series CD16 - ø16mm

Product range

Contact Blocks illuminated with integrated LED



Contact Block with integrated LED



Base
CD16 BF3



Contact Element
1NO+1NC
CD16 ECN 11



Illuminated Element
CD16 ELED

Base with luminous element

	LED	NO	NC			
Red	1	-	-	CD16 BCL 00 R Vxx	LT TR LV GP B 24V and 48V only	Weight 6g
Green	1	-	-	CD16 BCL 00 G Vxx	LT TR LV GP B 24V and 48V only	
Yellow	1	-	-	CD16 BCL 00 Y Vxx	LT TR LV GP B 24V and 48V only	
Amber	1	-	-	CD16 BCL 00 A Vxx	LT TR LV GP B 24V and 48V only	
Blue	1	-	-	CD16 BCL 00 B Vxx	LT TR LV GP B 24V and 48V only	
White	1	-	-	CD16 BCL 00 W Vxx	LT TR LV GP B 24V and 48V only	
Red/Green	1	-	-	CD16 BCL 00 RG Vxx	TR	

Base with 1LED + 1NO + 1NC

Red	1	1	1	CD16 BCL 11 R Vxx	LT TR LV GP B 24V and 48V only	Weight 12g
Green	1	1	1	CD16 BCL 11 G Vxx	LT TR LV GP B 24V and 48V only	
Yellow	1	1	1	CD16 BCL 11 Y Vxx	LT TR LV GP B 24V and 48V only	
Amber	1	1	1	CD16 BCL 11 A Vxx	LT TR LV GP B 24V and 48V only	
Blue	1	1	1	CD16 BCL 11 B Vxx	LT TR LV GP B 24V and 48V only	
White	1	1	1	CD16 BCL 11 W Vxx	LT TR LV GP B 24V and 48V only	
Red/Green	1	1	1	CD16 BCL 11 RG Vxx	TR	

Base with 1LED + 2NO + 2NC

Red	1	2	2	CD16 BCL 22 R Vxx	LT TR LV GP B 24V and 48V only	Weight 14g
Green	1	2	2	CD16 BCL 22 G Vxx	LT TR LV GP B 24V and 48V only	
Yellow	1	2	2	CD16 BCL 22 Y Vxx	LT TR LV GP B 24V and 48V only	
Amber	1	2	2	CD16 BCL 22 A Vxx	LT TR LV GP B 24V and 48V only	
Blue	1	2	2	CD16 BCL 22 B Vxx	LT TR LV GP B 24V and 48V only	
White	1	2	2	CD16 BCL 22 W Vxx	LT TR LV GP B 24V and 48V only	
Red/Green	1	2	2	CD16 BCL 22 RG Vxx	TR	

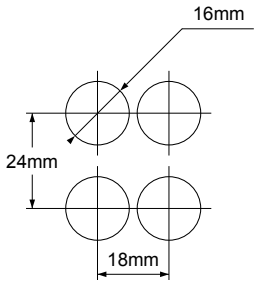
LATCHED PUSHBUTTON COMPATIBLE

Note: Suitable for Pushbutton Latched type

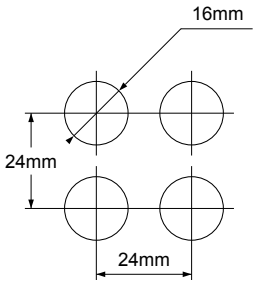
Series CD16 - ø16mm

Cut-out dimensions A type Protruding

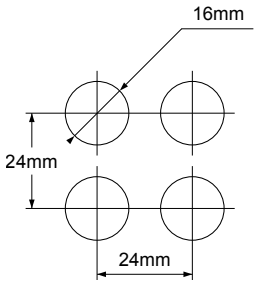
A type Protruding
component 18x18mm



A type Protruding
component 24x24mm

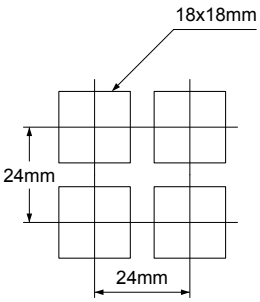


A type Protruding
component Ø24mm

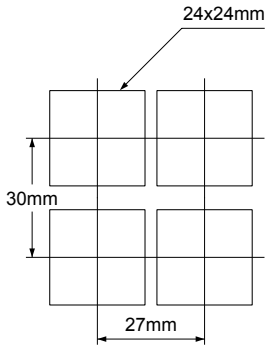


Cut-out dimensions B type Flush Mounting

B type Flush Mounting
component 24x24mm



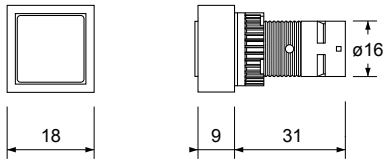
B type Flush Mounting
component 27x27mm



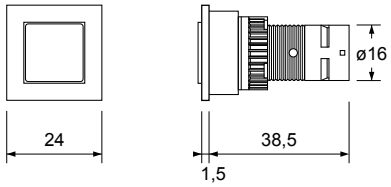
Series CD16 - ø16mm

CD16/18 PSM

A type Protruding

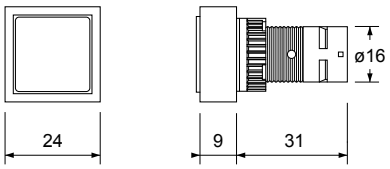


B type Flush Mounting

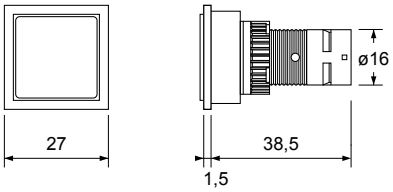


CD16/24 PSM

A type Protruding

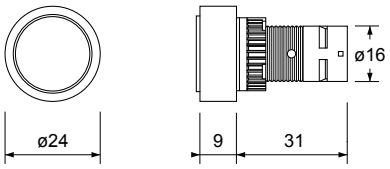


B type Flush Mounting



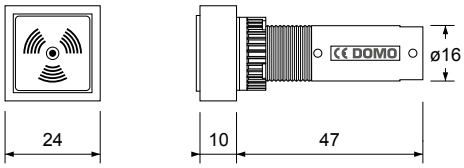
CD16/24 PRM

A type Protruding



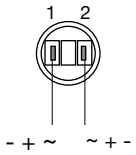
CD16 AB BUZZER

A type Protruding



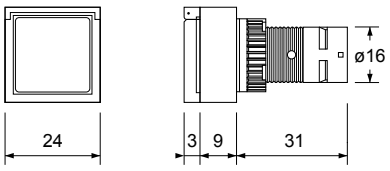
Faston terminals Tabs 2,8 x 0,8mm

Monocolor

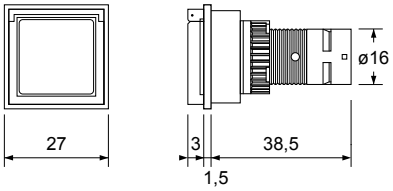


CD16/24 PGM

A type Protruding

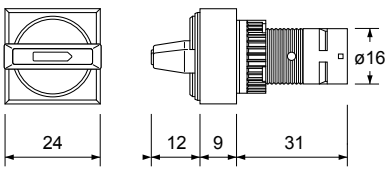


B type Flush Mounting

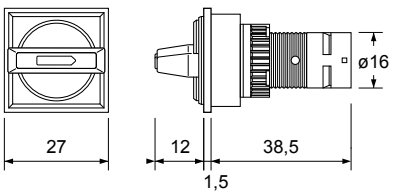


CD16/24 S2F

A type Protruding



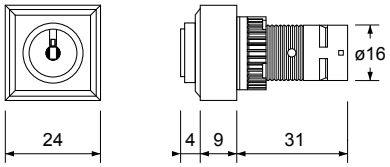
B type Flush Mounting



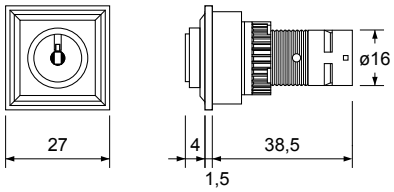
Series CD16 - ø16mm

CD16/24 K2F

A type Protruding

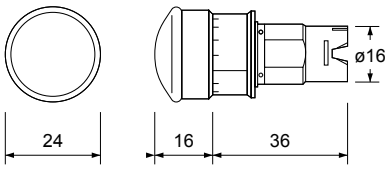


B type Flush Mounting



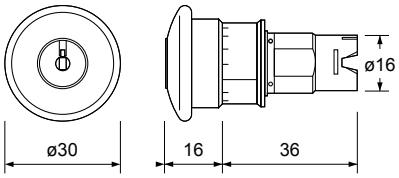
CD16 PFM

A type Protruding



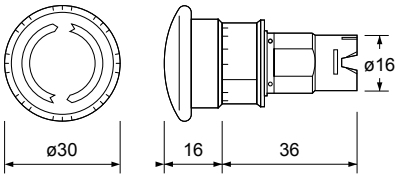
CD16 PER

A type Protruding



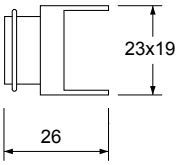
CD16 PEK

A type Protruding

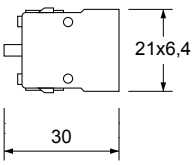


Contact elements

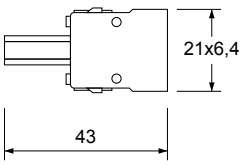
Support base



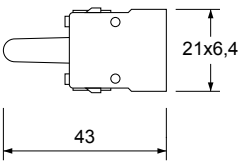
Contact element



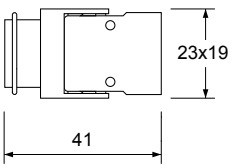
Element T5,5 Lamp Socket



Integrated LED element

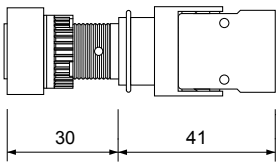


Contact block

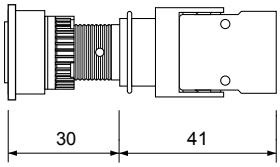


CD16/18 PSM + Contact block

A type Protruding



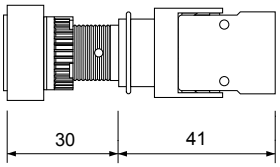
B type Flush Mounting



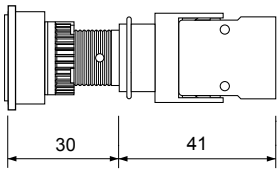
Series CD16 - ø16mm

CD16/24 PSM + Contact block

A type Protruding

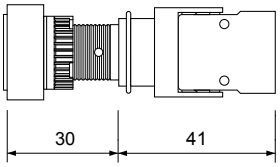


B type Flush Mounting



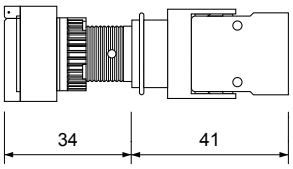
CD16/24 PRM + Contact block

A type Protruding

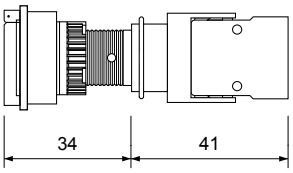


CD16/24 PGM + Contact block

A type Protruding

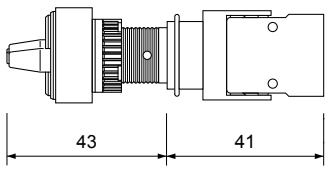


B type Flush Mounting

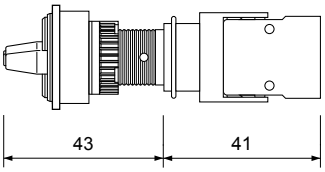


CD16/24 S2F + Contact block

A type Protruding

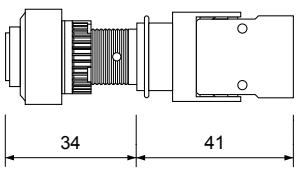


B type Flush Mounting

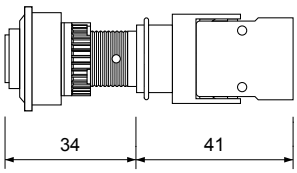


CD16/24 K2F + Contact block

A type Protruding

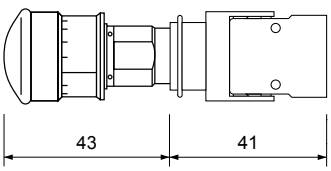


B type Flush Mounting



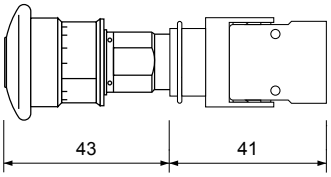
CD16 PFM + Contact block

A type Protruding



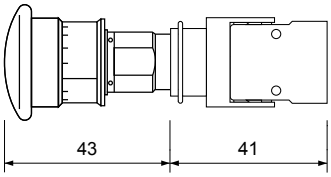
CD16 PER + Contact block

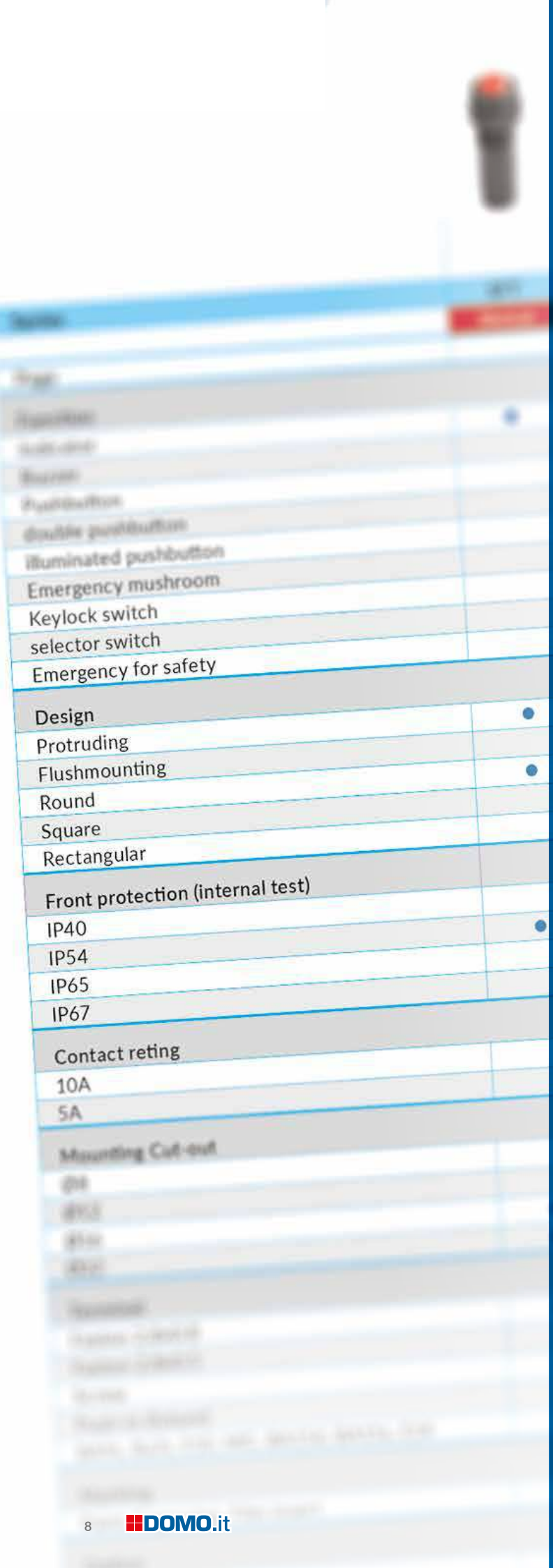
A type Protruding



CD16 PEK + Contact block

A type Protruding





Comparative table

Comparative table



Series	SFT	SLT	CR	PI	ML	VEB	PHR
	Spherical	Spherical	Semaphore	Position	Multiled	Extrabright	Beacon
Page	pagina 12	pagina 12	pagina 26	pagina 26	pagina 50	pagina 64	pagina 74
Function							
Indicator	●	●	●	●	●	●	●
Buzzer							
Pushbutton							
Double pushbutton							
Illuminated pushbutton							
Emergency mushroom							
Keylock switch							
Selector switch							
Emergency for safety							
Design							
Protruding	●	●	●	●	●	●	●
Flushmounting			●	●			
Round	●	●	●	●	●	●	●
Square			●	●	●		
Rectangular							
Front protection (internal test)							
IP40					●		
IP54	●	●	●	●	●		●
IP65					●	●	
IP67							
Contact reting							
10A							
5A							
Mounting Cut-out							
Ø8							
Ø12							
Ø16	●		●	●		●	●
Ø22	●	●	●	●	●	●	●
Terminal							
Faston 2,8x0,8	●	●	●	●	●	●	●
Faston 2,8x0,5							
Screw	●	●	●	●	●	●	●
Push-in (future)	F	F	F	F	F	F	F
BA9s, Ba7s, E10, MG, BA15d, BA15s, E14							
Marking							
Paint, Engraving, Film insert				●	●		
Option							
Lamp Test (LT)	●	●	●	●	●		
Inbuilt Diode to avoid reverse feeding (PD)	●	●	●	●	●		
Blinking (B)	●	●					●
Tropicalization (TR)	●	●	●	●	●	●	●
Double input + double lamp test (2C+2LT)			●				
Low voltage glow protection (LVGP)	F	F	F	F	F	F	F
RGB color		●					
Compatible for DOMO Mosaic Mimic							
Protruding	●	●	●	●	●	●	●
Flushmounting			●	●	●		

F = Future













	TWR	CX	P	HL	VL	H8-H12	CD16	DX22	CTR	LD	Ai1
	Tower	Pilot	Flat	Ampiled	Small	Small	Pushbutton	Pushbutton	Annunciator	Lamp	Safety
	pagina 86	pagina 96	pagina 104	pagina 126	pagina 134	pagina 134	pagina 142	pagina 170	pagina 196	pagina 206	pagina 214
	●	●	●	●	●	●		●	●	●	●
							●	●	●		●
							●	●	●		
								●			
							●	●	●		
							●	●			
							●	●	●		
							●	●	●		
											●
	●	●	●	●	●	●	●	●			
			●	●			●		●		
	●	●	●		●	●	●	●			
			●	●			●		●		
				●					●		●
							●		●	●	●
		●	●	●	●						
	●					●		●			
								●			
								●			
							●		●		
					●	●					
						●					
			●	●			●				
	●	●	●					●			
	●	●	●	●							
					●	●	●		●		
	●	●	●					●			●
	F	F	F	F			F	F	F		
										●	
			●	●			●	●	●		
		●	●	●			●		●		
		●	●	●			●		●	●	
	●	●	●			●				●	●
	●	●	●	●	●	●	●		●	●	
	F	F	F	F	●	●	●		●	●	
		●	●								
	●	●	●	●	●	●	●	●			
			●	●			●		●		

For additional specifications, see DOMO product catalogue. Pictures not to scale. DOMO reserves the right to change specifications without further notice.

Accessories and spare parts Ø16mm

Round label holder
Weight 1g



SIM16/24 PTR
-

Square label holder
Weight 1g



SIM16/24 PTS
-

Fastener for type B elements
Weight 2g



ASB18
ASB24

Reducer ring from ø22mm to ø16mm
Weight 2g



ARF 22/16
-

Labels
Weight 4g



SIM16/24 TOW

Protective slides
Weight 4g



SIM16/24 VPK

Tightening wrench
Weight 9g



ACK 22/16

Contact ring filler for Pushbutton Switches' central contact
Weight 1g



CD16 A3 EC

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Accessories and spare parts Ø22mm

Round label holder
Weight 2g



SIM22/30 PTR

Square label holder
Weight 2g



SIM22/30 PTS

Fastener for type B elements
Weight 3g



ASB 30

Reducer ring from ø30mm to ø22mm
Weight 2g



ARF 30/22

Labels
Weight 4g



SIM22/30 TOW

Protective slides
Weight 4g



SIM22/30 VPK

Tightening wrench
Weight 9g



ACK 22/16

Lamp extractor
Weight 2g

Compatible with:
BA9s, BA7s, T5.5, T5.5k, MG



AEL BA9s/T5,5

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