

# 020

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**COMANDO  
E SEGNALAZIONE SM2 Ø22**

**COMMAND AND SIGNALLING  
SM2 Ø22**

# SISTEMA MODULARE 22

## MODULAR SYSTEM 22

### LA SERIE SM2

La serie SM2 "SISTEMA MODULARE 22" è progettata per un utilizzo sicuro, facile e intuitivo; le soluzioni adottate facilitano la realizzazione di varie combinazioni garantendo risparmio di tempo e risorse.

Le operazioni di montaggio e manutenzione possono essere svolte con normali utensili e con estrema accessibilità agli operatori.

### LA STRUTTURA

Tutti gli operatori possono essere fissati con ghiera metalliche. Il filetto a sezione trapezoidale e l'accoppiamento plastica / metallo garantisce serraggi sicuri e permanenti. L'ancoraggio tra operatori ed elementi di contatto o elementi portalampada, è costruito con un profondo incasso poi trattenuto con una molla in acciaio inox.

La struttura degli elementi di contatto è realizzata con estrema robustezza e flessibilità. La componibilità del sistema permette di comporre gli elementi retro pannello in molteplici configurazioni.

La dimensionatura dei blocchi e le sezioni dei sistemi di serraggio garantiscono notevole resistenza alle tensioni da strappo. I contatti degli operatori New Elfin sono caratterizzati dalle grandi dimensioni delle superfici di contatto e dalla particolare conformazione che garantisce performance di efficienza operativa e di durata superiori alla media.

I nostri prodotti sono progettati e costruiti con tecnopolimeri Hi-tech. Gli spessori applicati e l'aggiunta di materiale di rinforzo conferiscono a tutte le parti grande robustezza e resistenza.

Le parti metalliche sono in acciaio inox o in acciaio trattato, mentre le guarnizioni in gomma resistono a tutte le condizioni climatiche. Queste caratteristiche consentono l'utilizzo in ambienti critici.

### DISPOSITIVI D'EMERGENZA

Tutti i sistemi di comando possono essere dotati di un esclusivo dispositivo di arresto d'emergenza, che difende i segnali di arresto di emergenza, mantenendoli coerenti ai requisiti per i quali sono stati progettati.

Il dispositivo neutralizza fattori esterni non controllabili quali forti shock, corrosioni, errori di utilizzo, inadeguata manutenzione ecc.

### CAPSULA DI PROTEZIONE

La capsula di protezione è un particolare accessorio per la protezione degli elementi di contatto per l'utilizzo in situazioni ambientali particolarmente gravose.

Garantisce una chiusura ermetica nella parte retropannello ed è particolarmente adatto per l'uso nei settori agricolo, marittimo, cementificio ecc.

### THE SM2 SERIES

The SM2 "MODULAR SYSTEM 22" series is designed for a safe, easy, intuitive use; the solutions adopted facilitate the execution of a range of combinations guaranteeing time and resources saving.

Assembly and maintenance can be performed by using standard tools and with easy access to the operators.

### STRUCTURE

All operators can be secured by metal locking rings.

The trapezoidal thread and the plastic / metal combination guarantee secure and permanent tightening.

The anchoring mechanism between operators and contact blocks or lampholders consists of a deep recess and a stainless steel spring holding the operator in place.

The structure of the contact blocks is extremely sturdy and flexible.

The modular system allows to compose the rear panel elements in multiple configurations.

The block size and the sections of the tightening systems guarantee considerable tear resistance.

The New Elfin operator contacts feature a large-sized contact surface and a special shape which guarantee above-average efficiency and life.

Our products are designed and manufactured using Hi-tech technopolymers.

The thickness applied and the addition of reinforcement material give all parts great sturdiness and resistance.

The metallic parts are in stainless or treated steel, while the rubber gaskets are resistant to all climatic conditions allowing their use in critical environments.

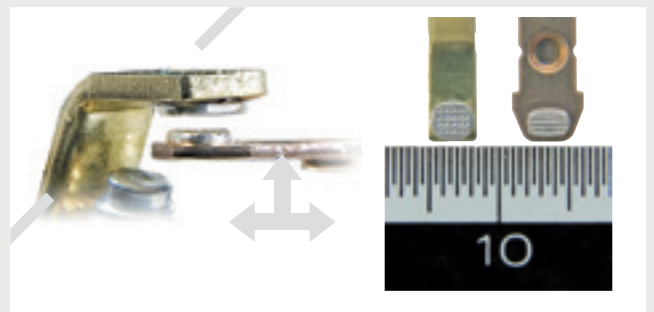
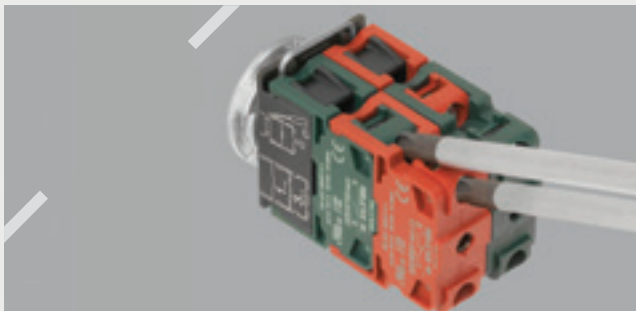
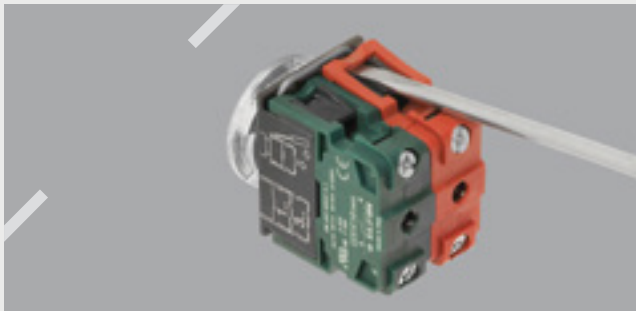
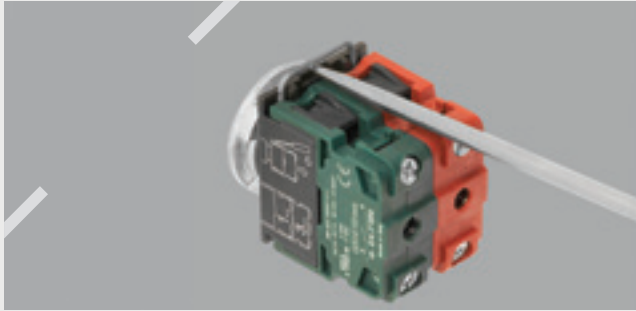
### EMERGENCY DEVICES

All command systems can be equipped with an exclusive emergency stop device, which protects the emergency stop signals, keeping them coherent to the design requirements. The device neutralizes external uncontrollable factors, such as strong shocks, corrosion, incorrect use, unsuitable maintenance, etc.

### PROTECTION CAP

The protection cap is a special accessory protecting the contact blocks for use under particularly severe environmental conditions. It guarantees a hermetic sealing in the rear panel area and it is suitable for use in the farming and maritime sectors, cement factories, etc.

# SISTEMA MODULARE 22 MODULAR SYSTEM 22



# Caratteristiche tecniche

## Technical data

### Caratteristiche generali

Rispondenza alle norme	EN/IEC 60947-1, EN/IEC 60947-5-1 EN/IEC-5-4, EN/IEC 60947-5-5, EN/ISO 13850, EN/IEC 60204-1, IEC 60364-5-53, UL 508 CSA C22-2 N° 14
Omologazioni	UL,CSA,RINA
Protezioni climatiche	In esecuzione normale T.C. tutti i climi(40° -UR35%)
Limiti di temperatura	<b>Serie "e"</b> Funzionamento ≥-40°C÷ ≤+70°C Stoccaggio -45°C +75°C <b>Serie "W"</b> Funzionamento : ≥-25°C÷ ≤+65°C Stoccaggio -35°C +70°C
Posizione di funzionamento	←→↑↓
Protezione contro scossa elettrica	Classe II secondo IEC 61140
Altitudine d' impiego	≤ 3.000 m
Grado di protezione	<b>Serie "e"</b> : IP66 pulsanti normali, doppi, luminosi, lampade,selettori. IP68 pulsanti con cappuccio in gomma e manipolatori. Secondo norma EN/IEC 60529 IP69K secondo norma EN/IEC DIN 40050 <b>Serie "W"</b> : IP65 pulsanti normali, luminosi, lampade, selettori. IP66 pulsanti con cappuccio in gomma. Secondo norma EN/IEC 60529

Dimensioni di montaggio	Pannelli con spessore 1-6 mm Foratura secondo EN/IEC 60947-5-1 
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### Caratteristiche meccaniche

Resistenza agli urti	50g (durata: 11ms) mezza sinusoide secondo IEC 60068-2-7
Resistenza alle vibrazioni	16g 40-500 Hz secondo IEC 60068-2-6
Coppia di serraggio	Ghiera di fissaggio operatori: 3÷3,5 Nm, Viti terminali: 0,8÷1,0 Nm
Viti terminali	Testa combinata taglio e Phillips Ph2 in acciaio zincato o acciaio inox per versioni E10AU/E01AU Capacità di chiusura : ≥1 x 0,5 mm / ≤2x2,5 mm Capicorda a forcella "spring spade"
Forze di azionamento	Pulsante con contatto NO: 5N - selettore: 0,15 Nm contatti aggiuntivi NO /NC: 1,5 N
Funzionamento contatti	NO/NC ad azione lenta con autopulitura a strisciamento- Contatti NC ad apertura positiva ↻ secondo EN/IEC947-5-1 allegato K
Corsa e commutazioni contatti	
Forza di apertura positiva	Pulsante normale: 5 N Pulsante a fungo: 40 N
Velocità di azionamento portalamпада	Min. 10 mm / sec Max. 20mm / sec
Durata meccanica	Pulsanti normali, luminosi: 3 milioni di manovre. Selettori, manipolatori: 1 milione di manovre. Emergenza fungo aggancio e stabili: 500.000 manovre
Grado di protezione	Morsetti IP20 secondo IEC60529
Identificazione morsetti	1° cifra: ordine di montaggio su flangia di connessione - 2° cifra: funzione contatto su elemento 1-2 NC / 3 4 NO

### General features

Standards compliance	EN/IEC 60947-1, EN/IEC 60947-5-1 EN/IEC-5-4, EN/IEC 60947-5-5, EN/ISO 13850, EN/IEC 60204-1, IEC 60364-5-53, UL 508 CSA C22-2 N° 14
Approvals	UL,CSA,RINA
Climatic protection	Normal operation for all climates (40° - RH35%)
Temperature ranges	<b>Series "e"</b> Operating ≥-40°C÷ ≤+70°C Storage -45°C +75°C <b>Series W</b> Operating: ≥-25°C÷ ≤+65°C Storage -35°C +70°C
Operating positions	←→↑↓
Electrical shock protection	Class II in compliance with IEC 61140
Operating altitude	≤ 3.000 m
Protection degree	<b>Series "e"</b> : IP66 normal, twin, illuminated push-buttons, lamps, selector switches. IP68 push-buttons with rubber cap and joysticks. In compliance with EN/IEC 60529 IP69K in compliance with EN/IEC DIN 40050 <b>Series W</b> : IP65 normal, illuminated push buttons lamps, selector switches . IP66 push-buttons with rubber cap In compliance with EN/IEC 606529

Mounting dimensions	1-6 mm panels. Drilling in compliance with EN/IEC 60947-5-1 
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### Mechanical features

Shock resistance	50g (duration:11ms) half sine wave in compliance with IEC 60068-2-27
Vibration resistance	16g 40-500 Hz in compliance with IEC 60068-2-6
Tightening torque	Operator locking ring: 3÷3.5 Nm. Terminal screws: 0.8÷1.0 Nm
Terminal screws	Combined slot and Phillips Ph2 head, zinc plated or stainless steel for E10AU /E01AU. Connection capacity : ≥1 x 0.5 mm / ≤2x2.5 mm Fork spring spade terminals
Operating forces	Push-button with NO contact: 5N - selector switch: 0.15 Nm, additional NO/NC contacts: 1.5 N
Contact operation	NO/NC slow action with wiping, self-cleaning. NC contacts, positive opening ↻ in compliance with EN/IEC947-5-1, annex K
Contact travel and switching points	
Positive opening force	Normal push-button: 5 N Mushroom push-button: 40 N
Operating speed lampholder	Min. 10 mm / sec Max. 20mm / sec
Mechanical life	Normal,illuminated push-buttons: 3 million cycles. Selector switches, joysticks: 1 million cycles. Emergency stop mushroom push-buttons, latching or maintained: 500.000 cycles
Degree of protection	Terminals IP20 in compliance with IEC60529
Identification of terminals	1° digit: assembling order on connection flange 2° digit: element contact function 1-2 NC / 3-4 NO



# Caratteristiche tecniche

## Technical data

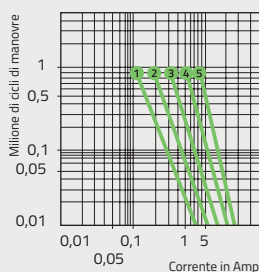
### Caratteristiche elettriche

Tensione nominale isolamento	Ui 690 V grado di inquinamento 3 secondo EN/IEC 60947-1																																												
Tensione di tenuta agli impulsi	Uimp 4KV secondo EN/IEC 60947-1																																												
Corrente nominale termica	Ith10A secondo EN/IEC 60947-5-1																																												
Protezione corto circuito	Fusibili DIAZED 10A classe d'intervento gL/gG forma D II secondo IEC 60269-1																																												
Materiale contatti	Pastiglie di contatto in Ag 1000/1000 per versioni Au: Ag 1000/1000, dorati																																												
Categorie nominali d'impiego	Secondo EN/IEC 947-5-1 <table border="1"> <thead> <tr> <th colspan="2">Cat.AC15</th> <th colspan="2">Cat.DC13</th> </tr> <tr> <th>Ue V</th> <th>Ie A</th> <th>Ue V</th> <th>Ie A</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>10</td> <td>24</td> <td>5</td> </tr> <tr> <td>48</td> <td>8</td> <td>48</td> <td>2,7</td> </tr> <tr> <td>60</td> <td>6</td> <td>60</td> <td>2</td> </tr> <tr> <td>110</td> <td>6</td> <td>110</td> <td>1,1</td> </tr> <tr> <td>220</td> <td>3</td> <td>220</td> <td>0,55</td> </tr> <tr> <td>380</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>400</td> <td>1,5</td> <td></td> <td></td> </tr> <tr> <td>500</td> <td>1,5</td> <td></td> <td></td> </tr> <tr> <td>600</td> <td>1,2</td> <td></td> <td></td> </tr> </tbody> </table> (24, 110, 400 solo per serie "e")	Cat.AC15		Cat.DC13		Ue V	Ie A	Ue V	Ie A	24	10	24	5	48	8	48	2,7	60	6	60	2	110	6	110	1,1	220	3	220	0,55	380	2			400	1,5			500	1,5			600	1,2		
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### Durata elettrica

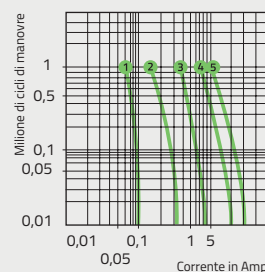
Secondo UL 508  
Corrente alternata 50-60 Hz cat AC15

- 1 500 V
- 2 380 V
- 3 220 V
- 4 127 V
- 5 12/48 V



Corrente continua cat DC 13

- 1 400 V
- 2 220 V
- 3 110 V
- 4 48 V
- 5 24/12 V



### Affidabilità elettrica (percentuale di guasto)

Secondo EN/IEC 947-5-4  
 Contatti 020 E10/E01 12V-5mA <math>10^{-8}</math>  
 Contatti 020 E10AU/E01AU 5V-1mA <math>10^{-7}</math>

### Porta lampada operatori luminosi

Attacco BA9S: lampade incandescenza, neon, multiled. Potenze raccomandate: lampade 2,6 W pulsanti, selettori 1,2 W

### Durata lampade

Incandescenza  $\leq 10000$ h-Neon  $\leq 30000$ h  
Multiled  $\geq 50.000$ h

### Configurazione contatti



Max N° 2 CONTATTI  
Selettori luminosi.

Anche per serie ghiera metallica.



Max N° 4 CONTATTI  
Pulsanti stabili, pulsanti doppi, manipolatori, emergenza ad aggancio.

Anche per serie ghiera metallica.



Max 6 CONTATTI  
Pulsanti a fungo momentanei.

Serie ghiera metallica:  
Pulsanti non luminosi, pulsanti luminosi, pulsanti a fungo momentanei, selettori



Max 8 CONTATTI  
Pulsanti non luminosi, pulsanti luminosi, selettori.

Non applicabile alla serie ghiera metallica.

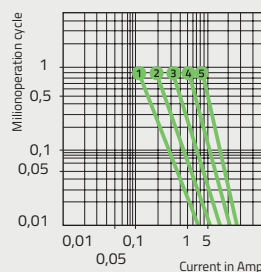
### Electrical features

Rated insulation voltage	Ui 690 V pollution degree 3 in compliance with EN/IEC 60947-1																																												
Impulse withstand voltage	Uimp 4KV in compliance with EN/IEC 60947-1																																												
Rated thermal current	Ith10A in compliance with EN/IEC 60947-5-1																																												
Short circuit protection	Fuses DIAZED 10 A operating class gLgG shape D II in conformity with IEC 60269-1																																												
Contact material	Contact pads on Ag 1000/1000 for models Au: Ag 1000/1000, gold plated																																												
Electrical ratings	In compliance with EN/IEC 947-5-1 <table border="1"> <thead> <tr> <th colspan="2">Cat.AC15</th> <th colspan="2">Cat.DC13</th> </tr> <tr> <th>Ue V</th> <th>Ie A</th> <th>Ue V</th> <th>Ie A</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>10</td> <td>24</td> <td>5</td> </tr> <tr> <td>48</td> <td>8</td> <td>48</td> <td>2,7</td> </tr> <tr> <td>60</td> <td>6</td> <td>60</td> <td>2</td> </tr> <tr> <td>110</td> <td>6</td> <td>110</td> <td>1,1</td> </tr> <tr> <td>220</td> <td>3</td> <td>220</td> <td>0,55</td> </tr> <tr> <td>380</td> <td>2</td> <td></td> <td></td> </tr> <tr> <td>400</td> <td>1,5</td> <td></td> <td></td> </tr> <tr> <td>500</td> <td>1,5</td> <td></td> <td></td> </tr> <tr> <td>600</td> <td>1,2</td> <td></td> <td></td> </tr> </tbody> </table> (24, 110, 400 for series "e" only)	Cat.AC15		Cat.DC13		Ue V	Ie A	Ue V	Ie A	24	10	24	5	48	8	48	2,7	60	6	60	2	110	6	110	1,1	220	3	220	0,55	380	2			400	1,5			500	1,5			600	1,2		
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### Electrical durability

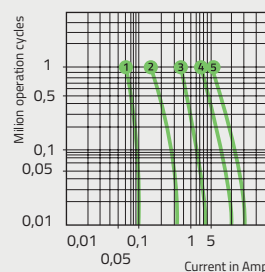
In compliance with UL 508  
Alternated current 50-60 Hz cat AC15

- 1 500 V
- 2 380 V
- 3 220 V
- 4 127 V
- 5 12/48 V



Direct current cat DC 13

- 1 400 V
- 2 220 V
- 3 110 V
- 4 48 V
- 5 24/12 V



### Electrical reliability (failure percentage)

In compliance with EN/IEC 947-5-4  
 Contact 020 E10/E01 12V-5mA <math>10^{-8}</math>  
 Contact 020 E10AU/E01AU 5V-1mA <math>10^{-7}</math>

### Lampholder illuminated operators

BA9S socket: incandescent, neon, multiled lamps  
Recommended power: lamps 2.6W push-buttons, selector switches 1.2W

### Lamp life

Incandescent  $\leq 10000$ h-Neon  $\leq 30000$ h  
Multiled  $\geq 50.000$ h

### Contact configuration



Max 2 CONTACTS  
Illuminated selector switches.

Also for Metal bezel series.



Max 4 CONTACTS  
Maintained push-buttons, twin push-buttons, joysticks latching emergency push-buttons.

Also for Metal bezel series.



Max 6 CONTACTS  
Momentary mushroom push-buttons.

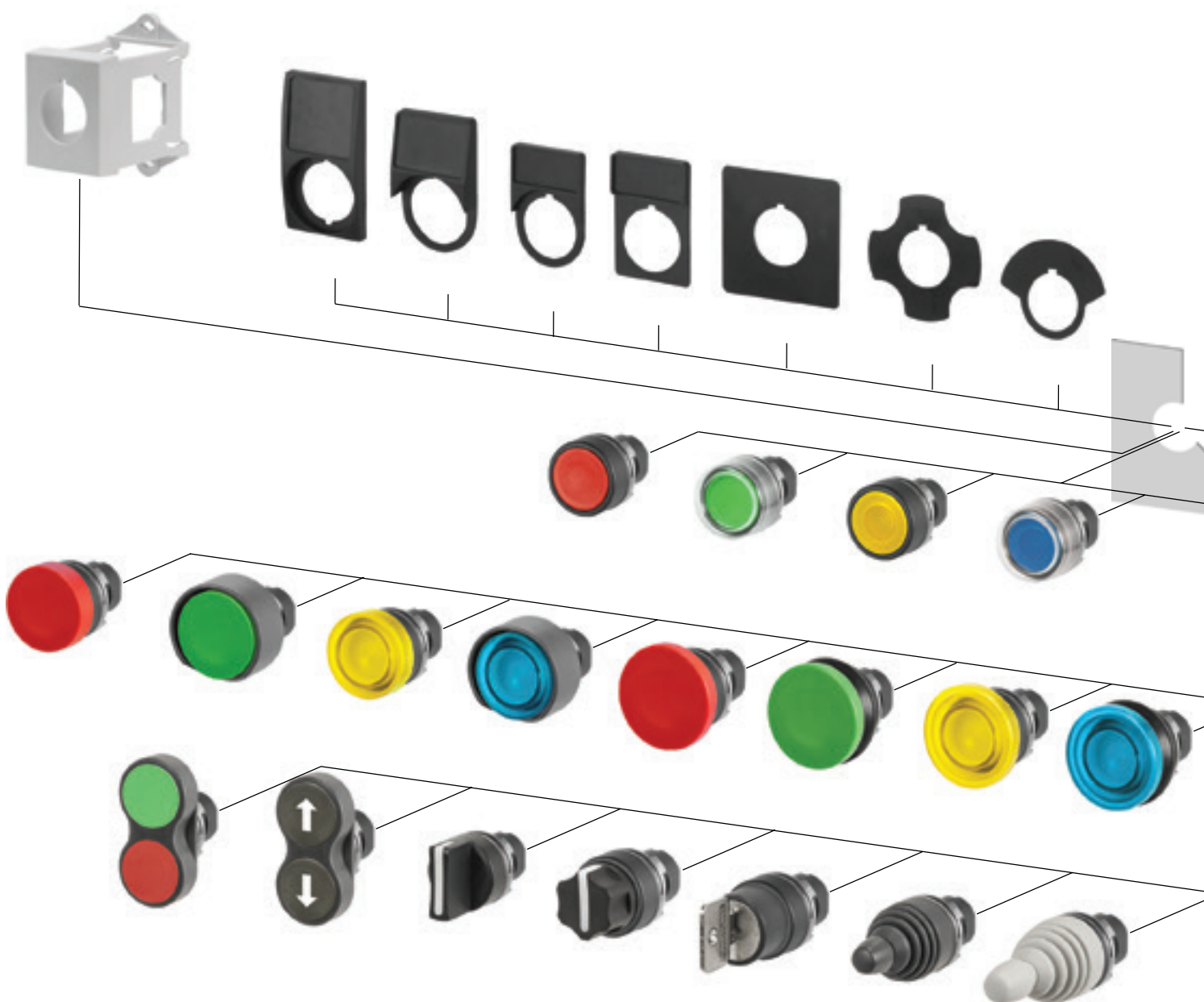
Metal bezel series:  
Non-illuminated push-buttons, momentary mushroom push-buttons, selector switches.

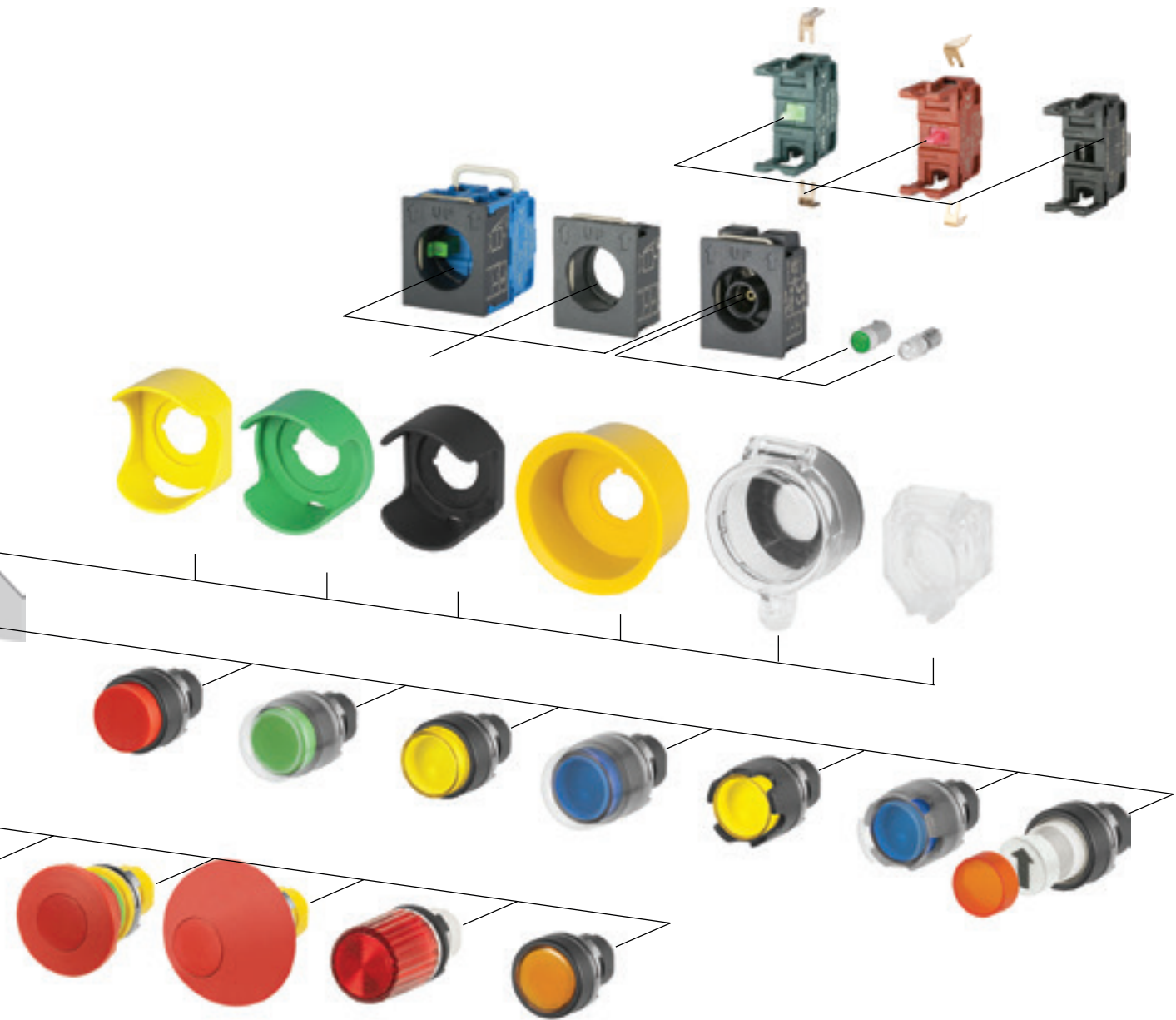


Max 8 CONTACTS  
Non-illuminated push-buttons, illuminated push-buttons, selector switches.

Not applicable to Metal bezel series switches.







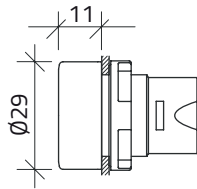
# Pulsanti normali Ø22

## Normal push-buttons Ø22

### Pulsanti normali / Normal push-buttons

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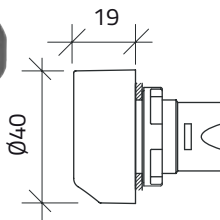
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#### Pulsanti con guardia / Guarded push-buttons

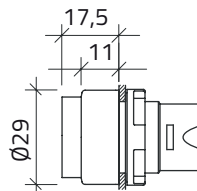
Per marcatura consultare pag. 50 / For marking see page 50

● Nero / Black	19	020PIN
● Rosso / Red	19	020PIR
● Verde / Green	19	020PIV
● Giallo / Yellow	19	020PIG
● Blu / Blue	19	020PIBL
○ Bianco / White	19	020PIB
● Grigio / Grey	19	020PIGR
● Arancio / Orange	19	020PIA
<b>Stabili / Maintained</b>		
● Nero / Black	19	020PPIN
● Rosso / Red	19	020PPIR
● Verde / Green	19	020PPIV



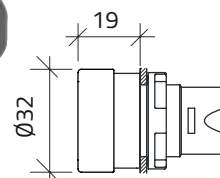
#### Pulsanti con guardia Ø32 / Guarded push-buttons Ø32

● Nero / Black	30	020PFG3N
● Rosso / Red	30	020PFG3R
● Verde / Green	30	020PFG3V
● Giallo / Yellow	30	020PFG3G
● Blu / Blue	30	020PFG3BL
● Grigio / Grey	30	020PFG3GR



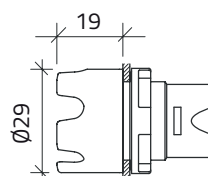
#### Pulsanti sporgenti / Projecting push-buttons

● Nero / Black	22	020PSN
● Rosso / Red	22	020PSR
● Verde / Green	22	020PSV
● Giallo / Yellow	22	020PSG
● Blu / Blue	22	020PSBL
○ Bianco / White	22	020PSB
● Grigio / Grey	22	020PSGR
● Arancio / Orange	22	020PSA
<b>Stabili / Maintained</b>		
● Nero / Black	22	020PPSN
● Rosso / Red	22	020PPSR
● Verde / Green	22	020PPSV



#### Pulsanti sporgenti Ø32 / Projecting push-buttons Ø32

● Nero / Black	24	020PF3N
● Rosso / Red	24	020PF3R
● Verde / Green	24	020PF3V
● Giallo / Yellow	24	020PF3G
● Blu / Blue	24	020PF3BL
● Grigio / Grey	24	020PF3GR



#### Pulsanti con guardia estesa / Push-buttons with extended guard

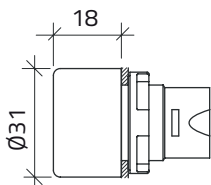
● Nero / Black	23	020PIP
● Rosso / Red	23	020PIPR

# Pulsanti normali Ø22

## Normal push-buttons Ø22

### Pulsanti con cappuccio in gomma

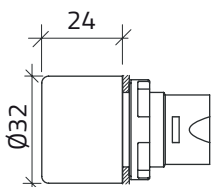
#### Push-buttons with rubber cap



#### Pulsanti con guardia

#### Guarded push-buttons

	g	cod
● Nero / Black	21	020PICGN
● Rosso / Red	21	020PICGR
● Verde / Green	21	020PICGV
● Giallo / Yellow	21	020PICGG
● Blu / Blue	21	020PICGBL
○ Bianco / White	21	020PICGB
● Grigio / Grey	21	020PICGGR
● Arancio / Orange	21	020PICGA

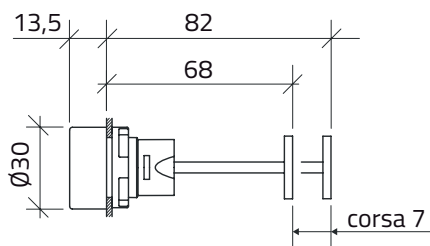


#### Pulsanti sporgenti

#### Projecting push-buttons

● Nero / Black	21	020PSCGN
● Rosso / Red	21	020PSCGR
● Verde / Green	21	020PSCGV
● Giallo / Yellow	21	020PSCGG
● Blu / Blue	21	020PSCGBL
○ Bianco / White	21	020PSCGB
● Grigio / Grey	21	020PSCGGR
● Arancio / Orange	21	020PSCGA

### Pulsanti di riarmo / Reset push-buttons



	g	cod
● Rosso / Red	31	020RTAIR
● Verde / Green	31	020RTAIV
● Blu / Blue	31	020RTAIBL

# Pulsanti normali Ø22

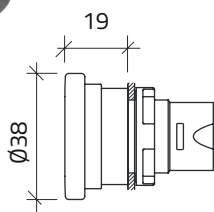
## Normal push-buttons Ø22

### Pulsanti a fungo momentanei

#### Momentary mushroom push-buttons

g

cod

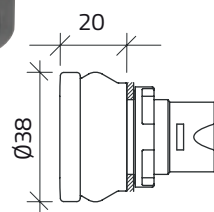


#### Pulsanti a fungo Ø38 / Mushroom push-buttons Ø40

● Nero / Black	24	020PFN
● Rosso / Red	24	020PFR
● Verde / Green	24	020PFV
● Giallo / Yellow	24	020PFG
● Blu / Blue	24	020PFBL
● Grigio / Grey	24	020PFGR

#### Stabili / Maintained

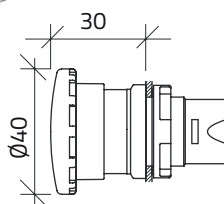
● Nero / Black	24	020PPFN
● Rosso / Red	24	020PPFR
● Verde / Green	24	020PPFV
● Giallo / Yellow	24	020PPFG



#### Pulsanti a fungo Ø38 con soffiello

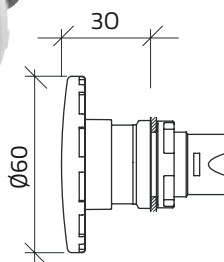
#### Mushroom push-buttons Ø40 with bellows

● Nero / Black	24	020PFSGN
● Rosso / Red	24	020PFSGR
● Verde / Green	24	020PFSGV
● Giallo / Yellow	24	020PFSGG
● Blu / Blue	24	020PFSGBL
● Grigio / Grey	24	020PFSGGR



#### Pulsanti a fungo Ø40 / Mushroom push-buttons Ø40

● Nero / Black	32	020PTFN
● Verde / Green	32	020PTFV
● Giallo / Yellow	32	020PTFG



#### Pulsanti a fungo Ø60 / Mushroom push-buttons Ø60

● Nero / Black	36	020PTFFN
● Grigio / Grey	36	020PTFFGR
● Verde / Green	36	020PTFFV

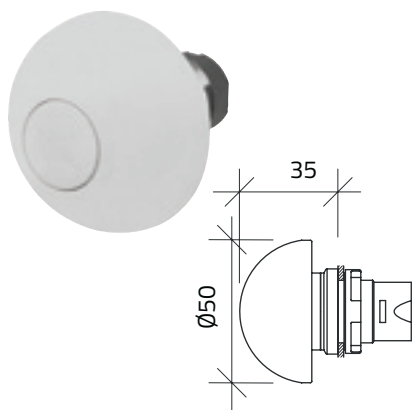
# Pulsanti normali Ø22

## Normal push-buttons Ø22

### Pulsanti a fungo momentanei Momentary mushroom push-buttons

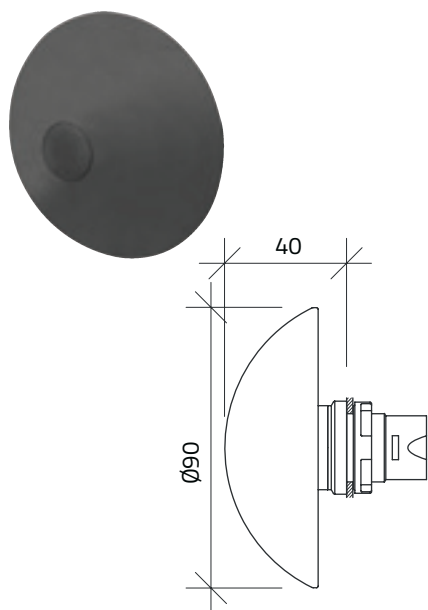
g

cod



#### Pulsanti a fungo sferico Ø50 / Palm push-buttons Ø50

● Nero / Black	38	<b>020PTF5MN</b>
● Grigio / Grey	38	<b>020PTF5MGR</b>



#### Pulsanti a fungo sferico Ø90 / Palm push-buttons Ø90

● Nero / Black	55	<b>020PTF9MN</b>
● Giallo / Yellow	55	<b>020PTF9MG</b>
● Grigio / Grey	55	<b>020PTF9MGR</b>

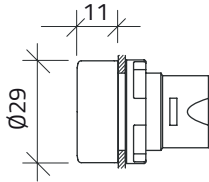
# Pulsanti luminosi Ø22 Illuminated push-buttons Ø22

020

## Pulsanti luminosi Illuminated push-buttons

g

cod



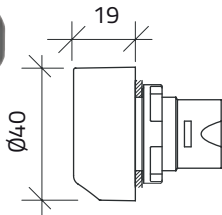
### Pulsanti con guardia / Guarded push-buttons

Per marcatura consultare pag. 50 / For marking see page 50

● Rosso / Red	19	<b>020PLIR</b>
● Verde / Green	19	<b>020PLIV</b>
● Giallo / Yellow	19	<b>020PLIG</b>
● Blu / Blue	19	<b>020PLIBL</b>
○ Bianco / White	19	<b>020PLIB</b>
● Arancio / Orange	19	<b>020PLIA</b>

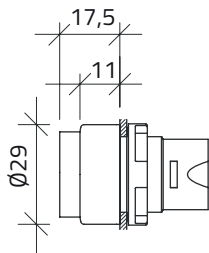
### Stabili / Maintained

● Rosso / Red	19	<b>020PPLIR</b>
● Verde / Green	19	<b>020PPLIV</b>
● Giallo / Yellow	19	<b>020PPLIG</b>
● Blu / Blue	19	<b>020PPLIBL</b>
○ Bianco / White	19	<b>020PPLIB</b>



### Pulsanti con guardia Ø32 / Guarded push-buttons Ø32

● Rosso / Red	30	<b>020PFLG3R</b>
● Verde / Green	30	<b>020PFLG3V</b>
● Giallo / Yellow	30	<b>020PFLG3G</b>
● Blu / Blue	30	<b>020PFLG3BL</b>
○ Trasparente / Clear	30	<b>020PFLG3I</b>

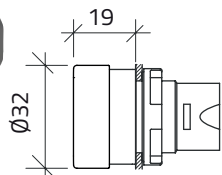


### Pulsanti sporgenti / Projecting push-buttons

● Rosso / Red	22	<b>020PLSR</b>
● Verde / Green	22	<b>020PLSV</b>
● Giallo / Yellow	22	<b>020PLSG</b>
● Blu / Blue	22	<b>020PLSBL</b>
○ Bianco / White	22	<b>020PLSB</b>
● Arancio / Orange	22	<b>020PLSA</b>
○ Trasparente / Clear	22	<b>020PLSI</b>

### Stabili / Maintained

● Rosso / Red	22	<b>020PPLSR</b>
● Verde / Green	22	<b>020PPLSV</b>
● Giallo / Yellow	22	<b>020PPLSG</b>
● Blu / Blue	22	<b>020PPLSBL</b>
○ Trasparente / Clear	22	<b>020PPLSI</b>



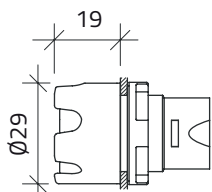
### Pulsanti sporgenti Ø32 / Projecting push-buttons Ø32

● Rosso / Red	24	<b>020PFL3R</b>
● Verde / Green	24	<b>020PFL3V</b>
● Giallo / Yellow	24	<b>020PFL3G</b>
● Blu / Blue	24	<b>020PFL3BL</b>
○ Trasparente / Clear	24	<b>020PFL3I</b>

# Pulsanti luminosi Ø22

## Illuminated push-buttons Ø22

### Pulsanti luminosi Illuminated push-buttons



#### Pulsanti con guardia completa / Push-buttons with full guard

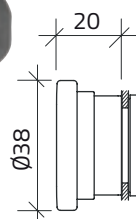
Per marcatura consultare pag. 50 / For marking see page 50

	g	cod
● Rosso / Red	23	020PLPR
● Verde / Green	23	020PLPV
● Giallo / Yellow	23	020PLPG
● Blu / Blue	23	020PLPBL
○ Bianco / White	23	020PLPB
● Arancio / Orange	23	020PLPA
○ Trasparente / Clear	23	020PLPI

#### Stabili / Maintained

● Rosso / Red	23	020PPLPR
● Verde / Green	23	020PPLPV
● Giallo / Yellow	23	020PPLPG
● Blu / Blue	23	020PPLPBL
○ Trasparente / Clear	23	020PPLPI

### Pulsanti luminosi a fungo Illuminated mushroom push-buttons

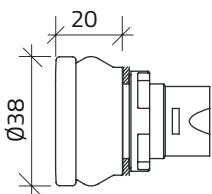


#### Pulsanti a fungo Ø38 / Mushroom push-buttons Ø40

	g	cod
● Rosso / Red	24	020PFLR
● Verde / Green	24	020PFLV
● Giallo / Yellow	24	020PFLG
● Blu / Blue	24	020PFLBL
○ Trasparente / Clear	24	020PFLI

#### Stabili / Maintained

● Rosso / Red	24	020PPFLR
● Verde / Green	24	020PPFLV
● Giallo / Yellow	24	020PPFLG
● Blu / Blue	24	020PPFLBL



#### Pulsanti a fungo Ø38 con soffiETTO Mushroom push-buttons Ø30 with bellows

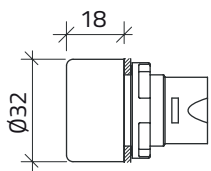
● Rosso / Red	29	020PFLSGR
● Verde / Green	29	020PFLSGV
● Giallo / Yellow	29	020PFLSGG
● Blu / Blue	29	020PFLSGBL
○ Trasparente / Clear	29	020PFLSGI

# Pulsanti luminosi Ø22

## Illuminated push-buttons Ø22

### Pulsanti luminosi con cappuccio in gomma

#### Illuminated push-buttons with rubber cap

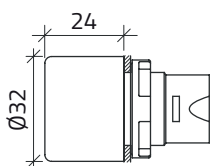


#### Pulsanti con guardia / Guarded push-buttons

	g	cod
● Rosso / Red	21	020PLICGR
● Verde / Green	21	020PLICGV
● Giallo / Yellow	21	020PLICGG
● Blu / Blue	21	020PLICGBL
○ Bianco / White	21	020PLICGB
● Arancio / Orange	21	020PLICGA

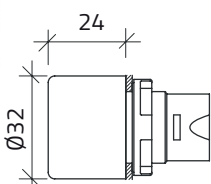
#### Stabili / Maintained

● Rosso / Red	21	020PPLICGR
● Verde / Green	21	020PPLICGV
● Giallo / Yellow	21	020PPLICGG
● Blu / Blue	21	020PPLICGBL



#### Pulsanti con guardia completa / Push-buttons with full guard

● Rosso / Red	23	020PLPCGR
● Verde / Green	23	020PLPCGV
● Giallo / Yellow	23	020PLPCGG
● Blu / Blue	23	020PLPCGBL
○ Bianco / White	23	020PLPCGB
● Arancio / Orange	23	020PLPCGA
○ Trasparente / Clear	23	020PLPCGI




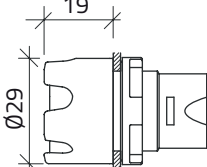
#### Pulsanti sporgenti / Projecting push-buttons


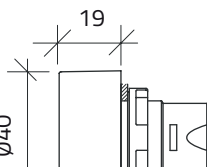
● Rosso / Red	24	020PLSCGR
● Verde / Green	24	020PLSCGV
● Giallo / Yellow	24	020PLSCGG
● Blu / Blue	24	020PLSCGBL
○ Bianco / White	24	020PLSCGB
● Arancio / Orange	24	020PLSCGA
○ Trasparente / Clear	24	020PLSCGI


# Pulsanti normali Ø22

## Normal push-buttons Ø22


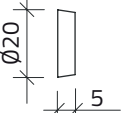
### Pulsanti componibili Modular push-buttons

	g	cod	
 	Pulsante con guardia / <b>Guarded push-button</b>	22	<b>020PLP</b>
	Stabile / <b>Maintained</b>	22	<b>020PPLP</b>


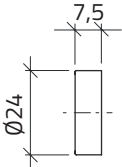
 	Pulsante con guardia / <b>Guarded push-button</b>	28	<b>020PFLG3</b>
---	---	----	-----------------

 	Pulsante sporgente / <b>Projecting push-button</b>	20	<b>020PLS</b>
	Stabile / <b>Maintained</b>	20	<b>020PPLS</b>



### Diffusori con simbolo / Diffusers caps with symbol

	g	n	cod
 	Completa il codice con il suffisso del simbolo desiderato vedi pag 52 Code to be completed with the suffix of the desired symbol, see page 52.		
Per pulsanti / <b>For push-buttons</b>	1	10	<b>020DI***</b>

### Gemme per pulsanti / Lenses for push-buttons

	g	n	cod
 	<b>Gemme per pulsanti sporgenti o con guardia completa</b> <b>Lenses for push-buttons with full guard or projecting</b>		
● Rosso / <b>Red</b>	2	5	<b>020BPLR</b>
● Verde / <b>Green</b>	2	5	<b>020BPLV</b>
● Giallo / <b>Yellow</b>	2	5	<b>020BPLG</b>
● Blu / <b>Blue</b>	2	5	<b>020BPLBL</b>
○ Bianco / <b>White</b>	2	5	<b>020BPLB</b>
● Arancio / <b>Orange</b>	2	5	<b>020BPLA</b>
○ Trasparente / <b>Clear</b>	2	5	<b>020BPLI</b>

### Gemme per pulsanti a fungo / Lenses for mushroom push-buttons

 	● Rosso / <b>Red</b>	2	5	<b>020BFLR</b>
	● Verde / <b>Green</b>	2	5	<b>020BFLV</b>
	● Giallo / <b>Yellow</b>	2	5	<b>020BFLG</b>
	○ Trasparente / <b>Clear</b>	2	5	<b>020BFLI</b>

### Gemme per pulsanti con guardia / Lenses for guarded push-buttons

 	● Rosso / <b>Red</b>	4	5	<b>020BFL3R</b>
	● Verde / <b>Green</b>	4	5	<b>020BFL3V</b>
	● Giallo / <b>Yellow</b>	4	5	<b>020BFL3G</b>
	○ Trasparente / <b>Clear</b>	4	5	<b>020BFL3I</b>

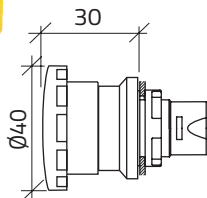
# Pulsanti d' emergenza Ø22

## Emergency stop push-buttons Ø22

### Momentanei / Momentary

g

cod

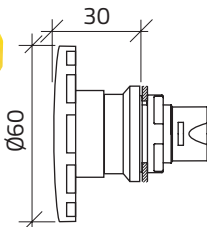


#### Pulsanti a fungo Ø 40 / Mushroom push-button Ø 40

● Rosso / Red

32

020PTFR

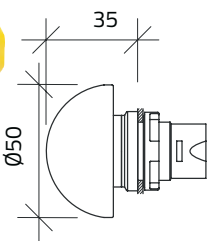


#### Pulsanti a fungo Ø 60 / Mushroom push-button Ø 60

● Rosso / Red

36

020PTFFR

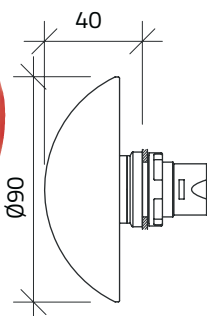


#### Pulsanti a fungo sferico Ø 50 / Palm push-button Ø 50

● Rosso / Red

38

020PTF5MR



#### Pulsanti a fungo sferico Ø 90 / Palm push-button Ø 90

● Rosso / Red

55

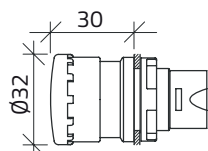
020PTF9MR

# Pulsanti d' emergenza Ø22

## Emergency stop push-buttons Ø22

### Pulsanti a fungo ad aggancio

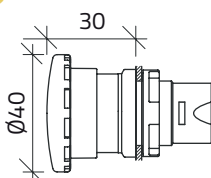
### Latching mushroom push-buttons



#### Pulsanti a fungo Ø 32, sgancio rotazione

#### Mushroom push-button Ø 32, twist release

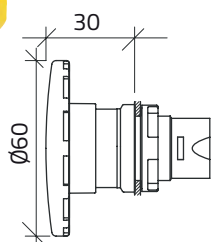
	g	cod
● Rosso / Red	30	020PTAR
● Nero / Black	30	020PTAN



#### Pulsanti a fungo Ø 40, sgancio rotazione

#### Mushroom push-button Ø 40, twist release

● Rosso / Red	35	020PTFAR
● Nero / Black	35	020PTFAN



#### Pulsanti a fungo Ø 60, sgancio rotazione

#### Mushroom push-button Ø 60, twist release

● Rosso / Red	39	020PTFFAR
---------------	----	-----------

# Pulsanti d' emergenza Ø22

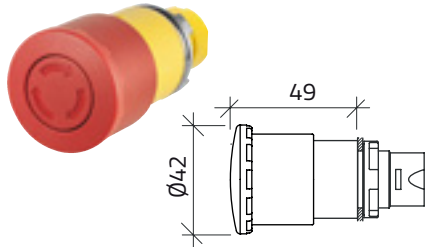
## Emergency stop push-buttons Ø22

### Pulsanti a fungo ad aggancio

### Latching mushroom push-buttons

g

cod



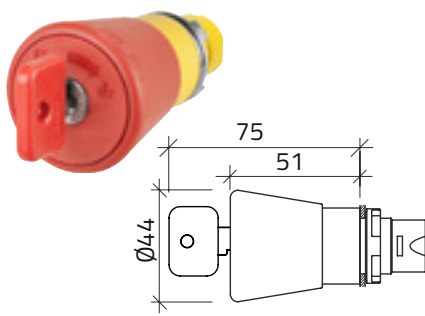
#### Pulsante a fungo Ø 42, sgancio rotazione

#### Mushroom push-button Ø 42, twist release

● Rosso / Red

55

020PTFASRV



#### Pulsante a fungo Ø 44, sgancio a chiave

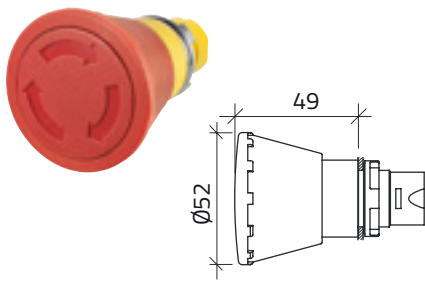
#### Mushroom push-button Ø 44, key release

chiave 73037 con impugnatura colore rosso / key 73037 with red cap

● Rosso / Red

55

020PTHCSRK



#### Pulsante a fungo Ø 52, sgancio rotazione

#### Mushroom push-button Ø 52, twist release

● Rosso / Red

55

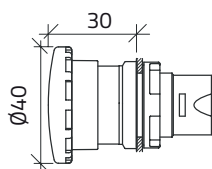
020PTAASRK

# Pulsanti d'emergenza Ø22

## Emergency stop push-buttons Ø22

### Pulsanti a fungo ad aggancio

### Latching mushroom push-buttons



#### Pulsante a fungo Ø 40 sgancio trazione

#### Mushroom push-button Ø 40, pull release

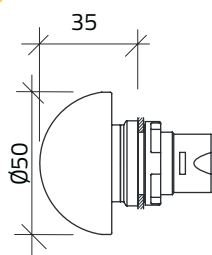
● Rosso / Red

g

cod

35

020PTFPTR



#### Pulsante a fungo sferico Ø 50 sgancio trazione

#### Palm push-button Ø 50, pull release

● Rosso / Red

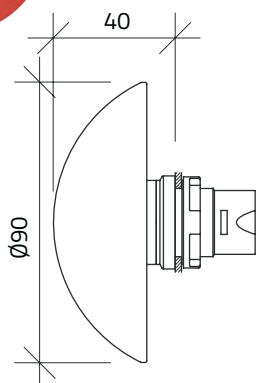
38

020PTF5PTR

● Nero / Black

38

020PTF5PTN



#### Pulsante a fungo sferico Ø 90 sgancio trazione

#### Palm push-button Ø 90, pull release

● Rosso / Red

55

020PTF9PTR

● Nero / Black

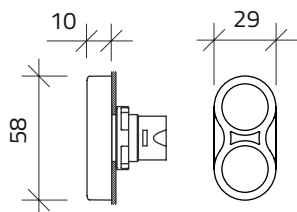
55

020PTF9PTN

# Pulsanti doppi Ø22 Twin push-buttons Ø22

## Pulsanti a doppio comando Twin push-buttons

**g** **cod**



76 **020P2RV**



76 **020P2RVS**



76 **020P2RN**



76 **020P2RNS**



76 **020P2NBS**



76 **020P2NN**



76 **020P2NNS45**



76 **020P2NNS46**

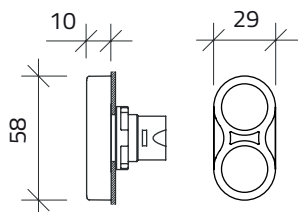


76 **020P2NNS47**

# Pulsanti doppi luminosi Ø22

## Illuminated twin push-buttons Ø22

### Pulsanti a doppio comando Twin push-buttons



g

cod

76

**020P2LRV**



76

**020P2LRVS**



76

**020P2LRN**



76

**020P2LRNS**



76

**020P2LNBS**



76

**020P2LNN**



76

**020P2LNNS45**



76

**020P2LNNS46**



76

**020P2LNNS47**



# Lampade spia Ø22 Pilot lights Ø22

Per parti sciolte vedi accessori pag. 54 / For spare parts, see accessory on page. 54

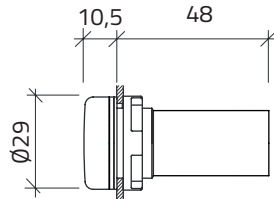
## Lampada spia monoblocco BA9S Monolithic pilot lights BA9S

**g n cod**

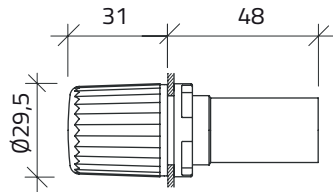


### Alimentazione diretta / Direct supply

~ IP 67- BA9S 380V.  
3W max esclusa / excluded



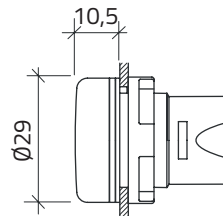
● Rosso / Red	18	5	<b>020LMR</b>
● Verde / Green	18	5	<b>020LMV</b>
● Giallo / Yellow	18	5	<b>020LMG</b>
● Blu / Blue	18	5	<b>020LMBL</b>
○ Bianco / White	18	5	<b>020LMB</b>
○ Trasparente / Clear	18	5	<b>020LMI</b>
● Arancio / Orange	18	5	<b>020LMA</b>



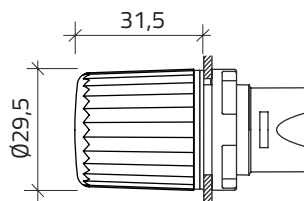
● Rosso / Red	22	5	<b>020LMAR</b>
● Verde / Green	22	5	<b>020LMAV</b>
● Giallo / Yellow	22	5	<b>020LMAG</b>
● Blu / Blue	22	5	<b>020LMABL</b>
○ Bianco / White	22	5	<b>020LMAB</b>
○ Trasparente / Clear	22	5	<b>020LMAI</b>
● Arancio / Orange	22	5	<b>020LMAA</b>

## Lampade spia modulare / Modular pilot lights

**g n cod**



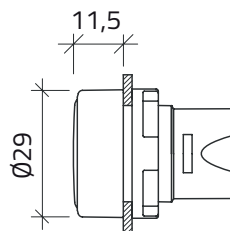
● Rosso / Red	9	5	<b>020ULR</b>
● Verde / Green	9	5	<b>020ULV</b>
● Giallo / Yellow	9	5	<b>020ULG</b>
● Blu / Blue	9	5	<b>020ULBL</b>
○ Bianco / White	9	5	<b>020ULB</b>
○ Trasparente / Clear	9	5	<b>020ULI</b>
● Arancio / Orange	9	5	<b>020ULA</b>



● Rosso / Red	13	5	<b>020ULAR</b>
● Verde / Green	13	5	<b>020ULAV</b>
● Giallo / Yellow	13	5	<b>020ULAG</b>
● Blu / Blue	13	5	<b>020ULABL</b>
○ Bianco / White	13	5	<b>020ULAB</b>
○ Trasparente / Clear	13	5	<b>020ULAI</b>
● Arancio / Orange	13	5	<b>020ULAA</b>

## Lampade spia inviolabili / Tamper-proof pilot lights

**g n cod**



● Rosso / Red	21	5	<b>020ULPR</b>
● Verde / Green	21	5	<b>020ULPV</b>
● Giallo / Yellow	21	5	<b>020ULPG</b>
● Blu / Blue	21	5	<b>020ULPBL</b>
○ Bianco / White	21	5	<b>020ULPB</b>
○ Trasparente / Clear	21	5	<b>020ULPI</b>
● Arancio / Orange	21	5	<b>020ULPA</b>



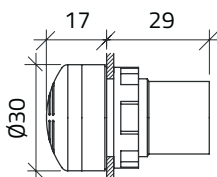
# Segnalatore acustico e luminoso Ø22 Buzzer with flashing led beacon Ø22

## Segnalatore acustico e luminoso Buzzer with flashing led beacon



### Con LED lampeggiante rosso With red flashing led beacon

Assorbimento : 20 mA / Current consumption : 20 mA  
Intensità sonora : 80 db / Sound level : 80 db  
Protezione IP40 / Protection IP40



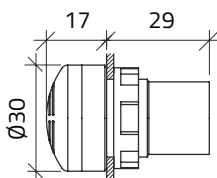
24V AC-DC	20	<b>020SAL24</b>
130V AC-DC	20	<b>020SAL13</b>
230V AC	20	<b>020SAL22</b>

## Segnalatore acustico Buzzer



### Solo sonoro / Only sound

Assorbimento : 20 mA / Current consumption : 20 mA  
Intensità sonora : 80 db / Sound level : 80 db  
Protezione IP40 / Protection IP40



24V AC-DC	20	<b>020SA24</b>
130V AC-DC	20	<b>020SA13</b>
230V AC	20	<b>020SA22</b>

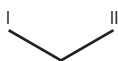
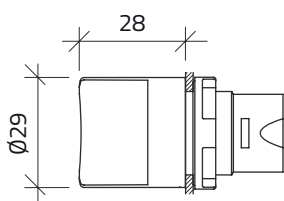
# Selettori a manopola Ø22 Knob selector switches Ø22

Cercare la combinazione di schemi a pag. 31-32 / See diagram combination on page 31-32

## 2 posizioni / 2 positions

g

cod



### CAM A

○ Bianco / White	27,4	<b>020SMAN</b>
● Rosso / Red	27,4	<b>020SMAR</b>
● Verde / Green	27,4	<b>020MAV</b>
● Giallo / Yellow	27,4	<b>020SMAG</b>
● Blu / Blue	27,4	<b>020SMABL</b>



### CAM B

○ Bianco / White	27,4	<b>020SMBN</b>
● Rosso / Red	27,4	<b>020SMBR</b>
● Verde / Green	27,4	<b>020SMBV</b>
● Giallo / Yellow	27,4	<b>020SMBG</b>
● Blu / Blue	27,4	<b>020SMBBL</b>



### CAM B

○ Bianco / White	27,4	<b>020SMBND</b>
● Rosso / Red	27,4	<b>020SMBRD</b>
● Verde / Green	27,4	<b>020SMBVD</b>
● Giallo / Yellow	27,4	<b>020SMBGD</b>
● Blu / Blue	27,4	<b>020SMBBLD</b>



### CAM C

○ Bianco / White	27,4	<b>020SMCN</b>
● Rosso / Red	27,4	<b>020SMCR</b>
● Verde / Green	27,4	<b>020SMCV</b>
● Giallo / Yellow	27,4	<b>020SMCG</b>
● Blu / Blue	27,4	<b>020SMCBL</b>



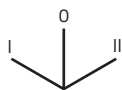
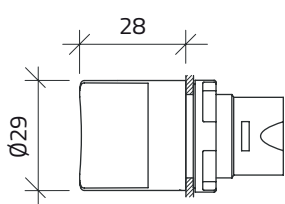
### CAM C

○ Bianco / White	27,4	<b>020SMCNS</b>
● Rosso / Red	27,4	<b>020SMCRS</b>
● Verde / Green	27,4	<b>020SMCVS</b>
● Giallo / Yellow	27,4	<b>020SMCGS</b>
● Blu / Blue	27,4	<b>020SMCBL</b>

# Selettori a manopola Ø22 Knob selector switches Ø22

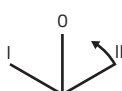
Cercare la combinazione di schemi a pag. 31-32 / See diagram combination on page 31-32

## 3 posizioni / 3 positions



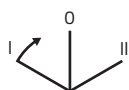
### CAM O

○ Bianco / White	27,4	<b>020SMON</b>
● Rosso / Red	27,4	<b>020SMOR</b>
● Verde / Green	27,4	<b>020SMOV</b>
● Giallo / Yellow	27,4	<b>020SMOG</b>
● Blu / Blue	27,4	<b>020SMOBL</b>



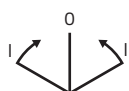
### CAM O

○ Bianco / White	27,4	<b>020SMOND</b>
● Rosso / Red	27,4	<b>020SMORD</b>
● Verde / Green	27,4	<b>020SMOVD</b>
● Giallo / Yellow	27,4	<b>020SMOGD</b>
● Blu / Blue	27,4	<b>020SMOBLD</b>



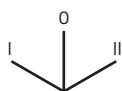
### CAM O

○ Bianco / White	27,4	<b>020SMONS</b>
● Rosso / Red	27,4	<b>020SMORS</b>
● Verde / Green	27,4	<b>020SMOVS</b>
● Giallo / Yellow	27,4	<b>020SMOGS</b>
● Blu / Blue	27,4	<b>020SMOBS</b>



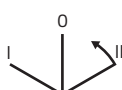
### CAM O

○ Bianco / White	27,4	<b>020SMONC</b>
● Rosso / Red	27,4	<b>020SMORC</b>
● Verde / Green	27,4	<b>020SMOVC</b>
● Giallo / Yellow	27,4	<b>020SMOGC</b>
● Blu / Blue	27,4	<b>020SMOBLC</b>



### CAM T

○ Bianco / White	27,4	<b>020SMTN</b>
● Rosso / Red	27,4	<b>020SMTR</b>
● Verde / Green	27,4	<b>020SMTV</b>
● Giallo / Yellow	27,4	<b>020SMTG</b>
● Blu / Blue	27,4	<b>020SMTBL</b>



### CAM T

○ Bianco / White	27,4	<b>020SMTND</b>
● Rosso / Red	27,4	<b>020SMTRD</b>
● Verde / Green	27,4	<b>020SMTVD</b>
● Giallo / Yellow	27,4	<b>020SMTGD</b>
● Blu / Blue	27,4	<b>020SMTBLD</b>



### CAM T

○ Bianco / White	27,4	<b>020SMTNC</b>
● Rosso / Red	27,4	<b>020SMTRC</b>
● Verde / Green	27,4	<b>020SMTVC</b>
● Giallo / Yellow	27,4	<b>020SMTGC</b>
● Blu / Blue	27,4	<b>020SMTBLC</b>

# Selettori a manopola Ø22 Knob selector switches Ø22

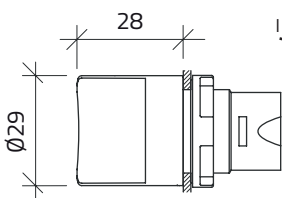
Cercare la combinazione di schemi a pag. 31-32 / See diagram combination on page 31-32

## 4 posizioni / 4 positions



### CAM Q

	g	cod
○ Bianco / White	27,4	<b>020SMQN</b>
● Rosso / Red	27,4	<b>020SMQR</b>
● Verde / Green	27,4	<b>020SMQV</b>
● Giallo / Yellow	27,4	<b>020SMQG</b>
● Blu / Blue	27,4	<b>020SMQBL</b>



### CAM U

○ Bianco / White	27,4	<b>020SMUND</b>
● Rosso / Red	27,4	<b>020SMURD</b>
● Verde / Green	27,4	<b>020SMUVD</b>
● Giallo / Yellow	27,4	<b>020SMUGD</b>
● Blu / Blue	27,4	<b>020SMUBLD</b>

## 5 posizioni / 5 positions



### CAM R

	g	cod
○ Bianco / White	27,4	<b>020SMRN</b>
● Rosso / Red	27,4	<b>020SMRR</b>
● Verde / Green	27,4	<b>020SMRV</b>
● Giallo / Yellow	27,4	<b>020SMRG</b>
● Blu / Blue	27,4	<b>020SMRBL</b>



### CAM V

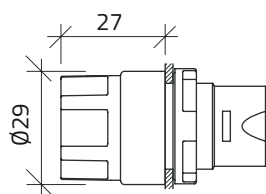
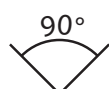
○ Bianco / White	27,4	<b>020SMVN</b>
● Rosso / Red	27,4	<b>020SMVR</b>
● Verde / Green	27,4	<b>020SMVV</b>
● Giallo / Yellow	27,4	<b>020SMVG</b>
● Blu / Blue	27,4	<b>020SMVBL</b>

# Selettori luminosi a manopola Ø22

## Illuminated knob selector switches Ø22

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50

Selettori luminosi utilizzare max. 2 elementi di contatto / For the illuminated selector switches, use max 2 contact blocks



### 2 posizioni / 2 positions

g

cod



#### CAM A

○ Bianco / White	27	<b>020SMLAB</b>
● Rosso / Red	27	<b>020SMLAR</b>
● Verde / Green	27	<b>020SMLAV</b>
● Giallo / Yellow	27	<b>020SMLAG</b>
● Blu / Blue	27	<b>020SMLABL</b>



#### CAM A

○ Bianco / White	27	<b>020SMLABD</b>
● Rosso / Red	27	<b>020SMLARD</b>
● Verde / Green	27	<b>020SMLAVD</b>
● Giallo / Yellow	27	<b>020SMLAGD</b>
● Blu / Blue	27	<b>020SMLABLD</b>

### 3 posizioni / 3 positions

g

cod



#### CAM O

○ Bianco / White	27	<b>020SMLOB</b>
● Rosso / Red	27	<b>020SMLOR</b>
● Verde / Green	27	<b>020SMLOV</b>
● Giallo / Yellow	27	<b>020SMLOG</b>
● Blu / Blue	27	<b>020SMLOBL</b>



#### CAM O

○ Bianco / White	27	<b>020SMLOBD</b>
● Rosso / Red	27	<b>020SMLORD</b>
● Verde / Green	27	<b>020SMLOVD</b>
● Giallo / Yellow	27	<b>020SMLOGD</b>
● Blu / Blue	27	<b>020SMLOBLD</b>



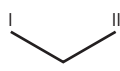
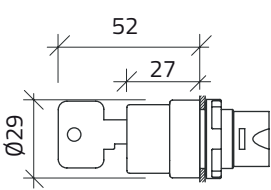
#### CAM O

○ Bianco / White	27	<b>020SMLOBC</b>
● Rosso / Red	27	<b>020SMLORC</b>
● Verde / Green	27	<b>020SMLOVC</b>
● Giallo / Yellow	27	<b>020SMLOGC</b>
● Blu / Blue	27	<b>020SMLOBLC</b>

# Selettori a chiave Ø22 Key selector switches Ø22

Cercare la combinazione di schemi a pag. 31-32 / See diagram combination on page 31-32

**2 posizioni  
2 positions**



**CAM A**



76		<b>020SCA</b>	
76		<b>020SCA2</b>	
76		<b>020SCA1</b>	

**CAM B**



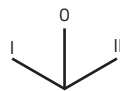
76		<b>020SCB</b>		<b>020SCBD</b>
76		<b>020SCB2</b>		
76		<b>020SCB0</b>		

**CAM C**



76		<b>020SCC</b>		<b>020SCCS</b>
76		<b>020SCC0</b>		
76		<b>020SCC1</b>		

**3 posizioni  
3 positions**

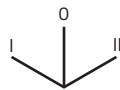


**CAM O**



76		<b>020SCO</b>		<b>020SCOC</b>
76		<b>020SCO0</b>		<b>020SCOD</b>
76		<b>020SCO10</b>		<b>020SCOD1</b>
76		<b>020SCO02</b>		<b>020SCOD0</b>
76		<b>020SCO1</b>		<b>020SCOS</b>
76		<b>020SCO2</b>		<b>020SCOS2</b>
76		<b>020SCO12</b>		<b>020SCOSO</b>

**CAM T**




76		<b>020SCT</b>		<b>020SCTC</b>
76		<b>020SCT0</b>		<b>020SCTD</b>
76		<b>020SCT10</b>		<b>020SCTD0</b>
76		<b>020SCT02</b>		<b>020SCTD1</b>
76		<b>020SCT1</b>		
76		<b>020SCT2</b>		
76		<b>020SCT12</b>		



# Selettori a chiave Ø22 Key selector switches Ø22

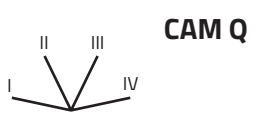
Cercare la combinazione di schemi a pag. 31-32 / See diagram combination on page 31-32

**4 posizioni  
4 positions**



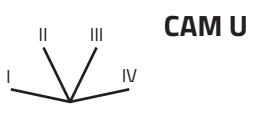

**CAM Q**

76      020SCQ      020SCQ1

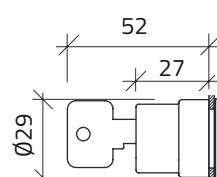


**CAM U**

76      020SCUD

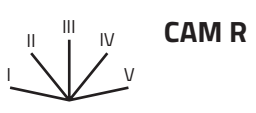



**5 posizioni  
5 positions**



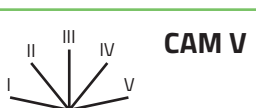
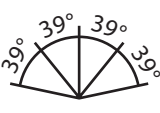
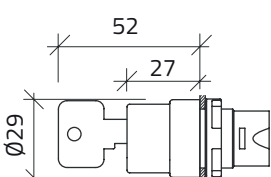
**CAM R**

76      020SCR      020SCRO



**CAM V**

76      020SCV      020SCV1







**Chiavi speciali  
Special keys**

**C**      **suf**

Chiave standard 3095, per chiavi speciali far seguire al codice del selettore il suffisso  
Standard key 3095, for special keys complete the selector code with the suffix

● Nero / Black	73034	<b>K34</b>
● Rosso / Red	73037	<b>K37</b>
● Giallo / Yellow	73033	<b>K33</b>
● Blu / Blue	73038	<b>K38</b>
● Arancio / Orange	73040	<b>K40</b>

	3353	<b>K53</b>
	9901	<b>K01</b>
	9902	<b>K02</b>
	9903	<b>K03</b>
	9904	<b>K04</b>
	9905	<b>K05</b>
	9910	<b>K10</b>
	9916	<b>K16</b>
	9919	<b>K19</b>


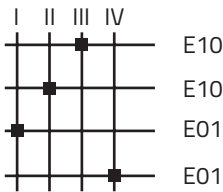
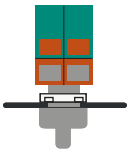

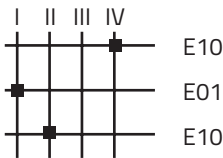
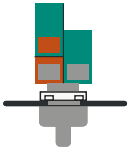
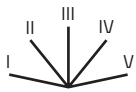
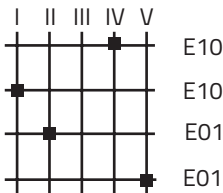
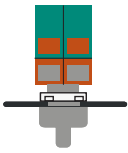
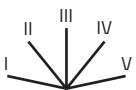
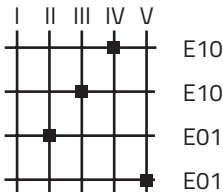
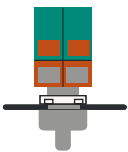
# Combinazione di schemi Diagram combination

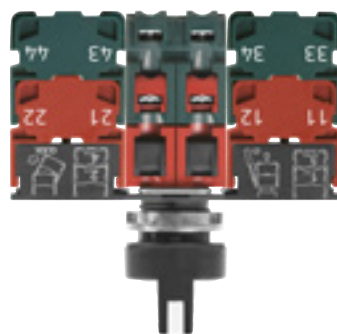
020

			Schema Diagram	Contatti flangiati Flanged contacts
	<b>CAM A</b>	13 — 14	E10	020E10 020G
	<b>CAM A</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM B</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM C</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM O</b>	23 — 24 13 — 14	E10 E10	020E10 020E10 020G
	<b>CAM O</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM O</b>	43 — 44 33 — 34 21 — 22 11 — 12	E10 E10 E01 E01	020E01 020E01 020E10 020E10 020G
	<b>CAM T</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM T</b>	43 — 44 33 — 34 21 — 22 11 — 12	E10 E10 E01 E01	020E10 020E10 020E01 020E01 020G



# Combinazione di schemi Diagram combination

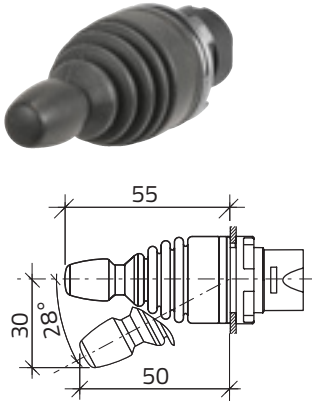
		Schema Diagram	Contatti flangiati Flanged contacts
	<b>CAM Q</b> 43 — 44 33 — 34 21 — 22 11 — 12		 020E10 020E10 020E01 020E01 020G
	<b>CAM U</b> 43 — 44 21 — 22 13 — 14		 020E10 020E10 020E01 020G
	<b>CAM R</b> 43 — 44 33 — 34 21 — 22 11 — 12		 020E10 020E10 020E01 020E01 020G
	<b>CAM V</b> 43 — 44 33 — 34 21 — 22 11 — 12		 020E10 020E10 020E01 020E01 020G



# Manipolatori H 55 Ø22 Joysticks H 55 Ø22

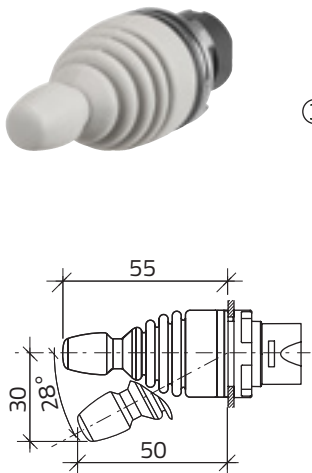
020

## 2 posizioni 2 positions



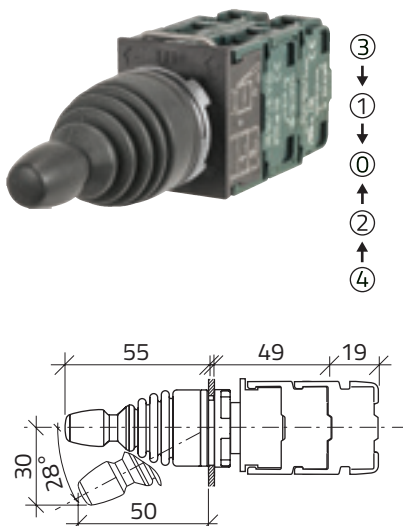
				g	cod
①	● RAL 7016	1-2	permanenti / maintained	40	<b>020MT2P</b>
①	● RAL 7035	1-2	permanenti / maintained	40	<b>020MT2PGR</b>
②	● RAL 7016	1-2	temporanee / spring return	40	<b>020MT2T</b>
②	● RAL 7035	1-2	temporanee / spring return	40	<b>020MT2TGR</b>
	● RAL 7016	1 2	permanente / maintained temporanea / spring return	40	<b>020MT1P1T</b>
	● RAL 7035	1 2	permanente / maintained temporanea / spring return	40	<b>020MT1P1TGR</b>

## 4 posizioni 4 positions



				g	cod
①	● RAL 7016	1-2-3-4	permanenti / maintained	40	<b>020MT4P</b>
①	● RAL 7035	1-2-3-4	permanenti / maintained	40	<b>020MT4PGR</b>
③ ④	● RAL 7016	1-2-3-4	temporanee / spring return	40	<b>020MT4T</b>
②	● RAL 7035	1-2-3-4	temporanee / spring return	40	<b>020MT4TGR</b>
	● RAL 7016	1-2 3-4	permanenti / maintained temporanee / spring return	40	<b>020MT2P2T</b>
	● RAL 7035	1-2 3-4	permanenti / maintained temporanee / spring return	40	<b>020MT2P2TGR</b>

## Manipolatori speciali 4 posizioni Special joysticks 4 positions

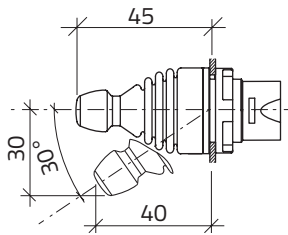


				g	cod
③ ↓ ① ↓ ④ ↑ ② ↑ ④	● RAL 7016	1-2-3-4	temporanee / spring return	90	<b>020MT4TL40AR</b>



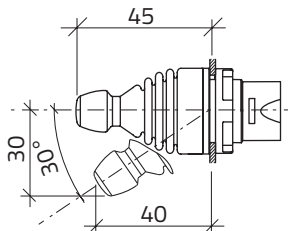
# Manipolatori H 45 Ø22 Joysticks H 45 Ø22

## 2 posizioni 2 positions



				g	cod
①	● RAL 7016	1-2	permanenti / <i>maintained</i>	40	<b>020MTR2P</b>
①	● RAL 7035	1-2	permanenti / <i>maintained</i>	40	<b>020MTR2PGR</b>
②	● RAL 7016	1-2	temporanee / <i>spring return</i>	40	<b>020MTR2T</b>
	● RAL 7035	1-2	temporanee / <i>spring return</i>	40	<b>020MTR2TGR</b>
	● RAL 7016	1	permanente / <i>maintained</i>		
		2	temporanea / <i>spring return</i>	40	<b>020MTR1P1T</b>
	● RAL 7035	1	permanente / <i>maintained</i>		
		2	temporanea / <i>spring return</i>	40	<b>020MTR1P1TGR</b>

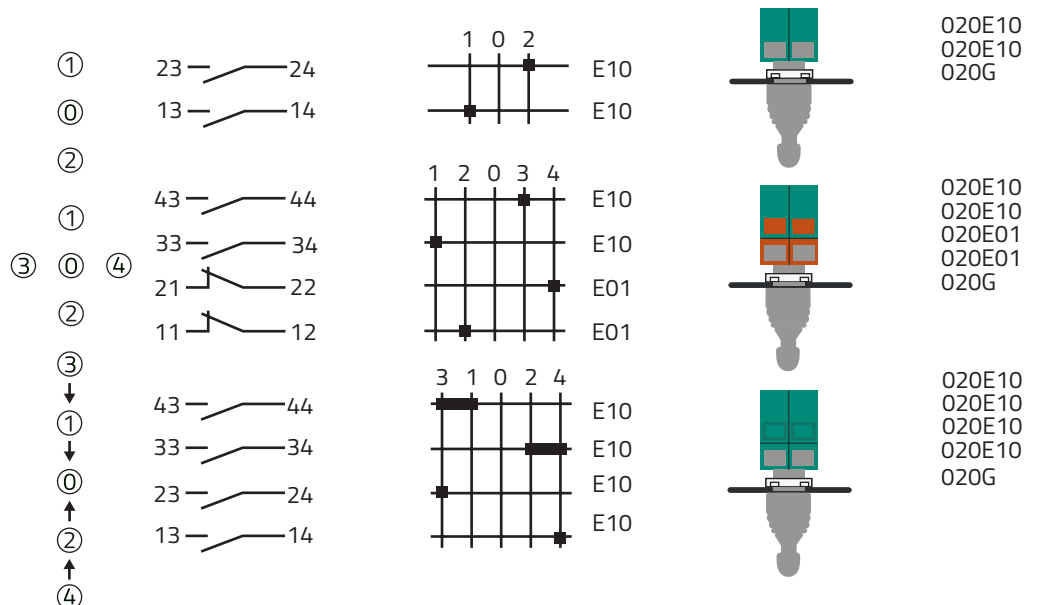
## 4 posizioni 4 positions



				g	cod
①	● RAL 7016	1-2-3-4	permanenti / <i>maintained</i>	40	<b>020MTR4P</b>
③ ① ④	● RAL 7035	1-2-3-4	permanenti / <i>maintained</i>	40	<b>020MTR4PGR</b>
②	● RAL 7016	1-2-3-4	temporanee / <i>spring return</i>	40	<b>020MTR4T</b>
	● RAL 7035	1-2-3-4	temporanee / <i>spring return</i>	40	<b>020MTR4TGR</b>
	● RAL 7016	1-2	permanenti / <i>maintained</i>		
		3-4	temporanee / <i>spring return</i>	40	<b>020MTR2P2T</b>
	● RAL 7035	1-2	permanenti / <i>maintained</i>		
		3-4	temporanee / <i>spring return</i>	40	<b>020MTR2P2TGR</b>

### Schema Diagram

### Contatti flangianti Flanged contacts



# Portalampana BA9S Lampholders BA9S

## Portalampana / Lampholders

g

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cod

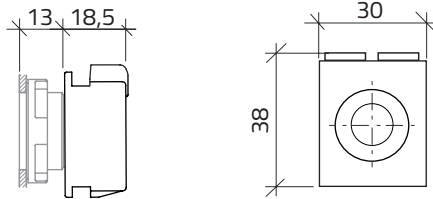


~ = Alimentazione diretta / Direct supply

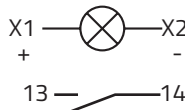


IEC: BA9S 380V. max 2W esclusa / excluded  
Valori certificati IMQ / IMQ certified values  
UL - CSA: BA9S 250V. max 2W esclusa / excluded

16 10 020PD9

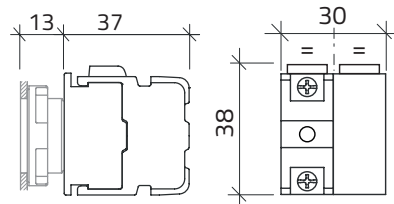


~ = Alimentazione diretta / Direct supply

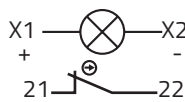


IEC: BA9S 380V. max 2W esclusa / excluded  
Valori certificati IMQ / IMQ certified values  
UL - CSA: BA9S 250V. max 2W esclusa / excluded  
1 NO Aperto / Open

26 5 020PD910

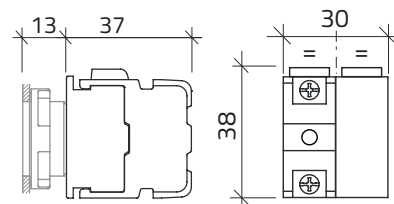


~ = Alimentazione diretta / Direct supply

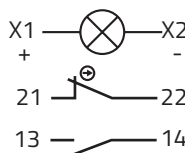


IEC: BA9S 380V. max 2W esclusa / excluded  
Valori certificati IMQ / IMQ certified values  
UL - CSA: BA9S 250V. max 2W esclusa / excluded  
1 NC Chiuso / Closed

26 5 020PD901

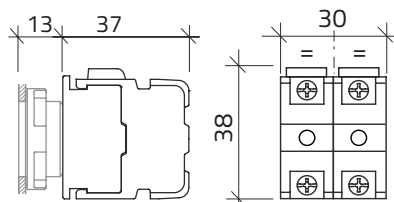


~ = Alimentazione diretta / Direct supply



IEC: BA9S 380V. max 2W esclusa / excluded  
Valori certificati IMQ / IMQ certified values  
UL - CSA: BA9S 250V. max 2W esclusa / excluded  
1 NC Chiuso / Closed  
1 NO Aperto / Open

26 5 020PD911



# Portalampada BA9S Lampholders BA9S

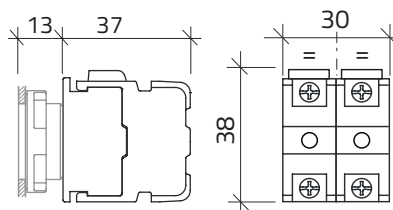
## Portalampada / Lampholders



### Alimentazione diretta / Direct supply

IEC: BA9S 380V. max 2W *esclusa / excluded*  
Valori certificati IMQ / IMQ certified values  
 UL - CSA: BA9S 250V. max 2W *esclusa / excluded*

23 — 24 1 NO Aperto / Open  
 13 — 14 1 NO Aperto / Open



g

n

cod

37

5

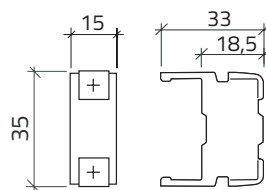
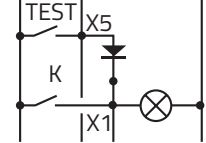
020PD920



X1 — X5

### Elemento prova lampada / Lamp test module

L1 L test L2 Per controllo di funzionamento lampade  
Checking lamps for good operation




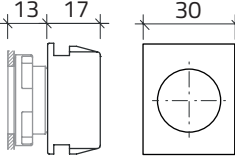




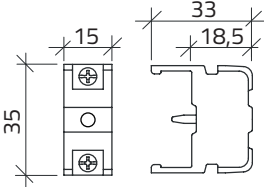




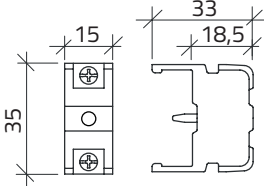


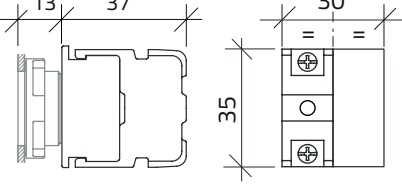


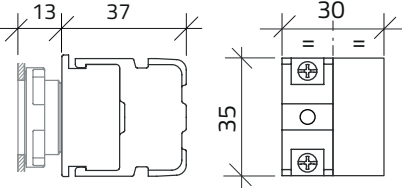

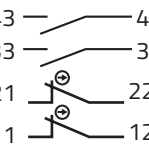
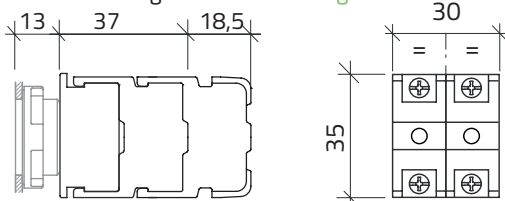
16

020ET

# Elementi di contatto



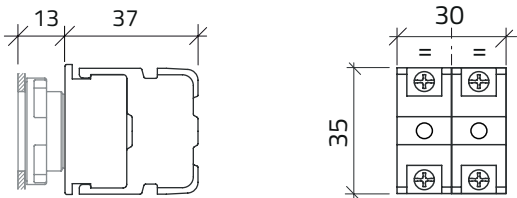

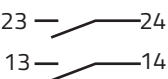
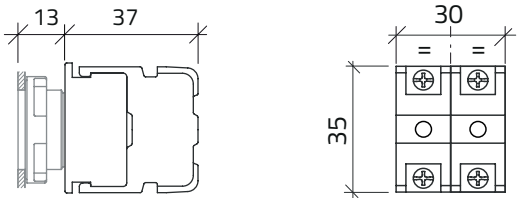

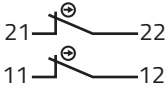
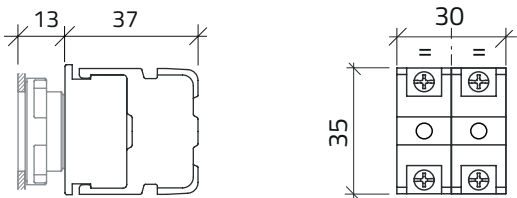

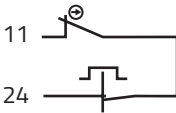
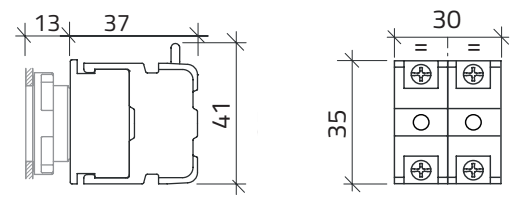

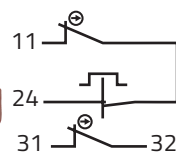
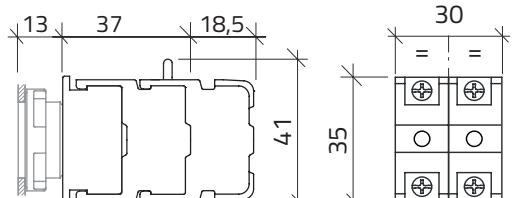
## Contact blocks

### Elementi di contatto / Contact blocks

		g	n	cod
	 <p>Flangia per contatti / Flange for contacts</p>	8	10	<b>020G</b>
	 <p>1 NO</p>	10	10	<b>020E10</b>
	 <p>1 NO Chiusura anticipata / 1 NO Early make</p>	10	5	<b>020E10A</b>
	 <p>1 NO</p> <p><small>Contatti dorati e viti terminali inox. Idoneo per ambienti con fenomeni di corrosione Gold-plated contacts and stainless steel terminal screws suitable for corrosive environment</small></p>	10	5	<b>020E10AU</b>
				
	 <p>1 NC</p>	10	10	<b>020E01</b>
	 <p>1 NC Apertura ritardata / 1 NC Late break</p>	10	5	<b>020E01R</b>
	 <p>1 NC</p> <p><small>Contatti dorati e viti terminali inox. Idoneo per ambienti con fenomeni di corrosione Gold-plated contacts and stainless steel terminal screws suitable for corrosive environment</small></p>	10	5	<b>020E01AU</b>
				
	 <p>1 NO con flangia / 1NO with flange</p>	19	5	<b>020GE10</b>
				
	 <p>1 NC con flangia / 1NC with flange</p>	19	5	<b>020GE01</b>
				
	 <p>1 NO con flangia / 1NO with flange 1 NC con flangia / 1NC with flange</p>	50		<b>020GE22</b>
				

# Elementi di contatto Contact blocks

## Elementi di contatto / Contact blocks

	g	n	cod
  	19	5	<b>020GE11</b>
  	19	5	<b>020GE20</b>
  	19	5	<b>020GE02</b>
  	19	5	<b>020GE01S</b>
  	19	5	<b>020GE02S</b>

# Pulsanti normali Ø22 Ghiera in metallo

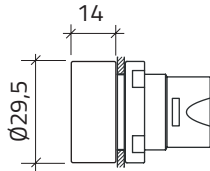
## Normal push-buttons Ø22 Metal bezel

020

### Pulsanti normali / Normal push-buttons

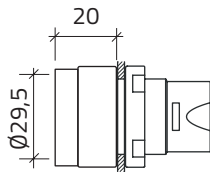
g

cod



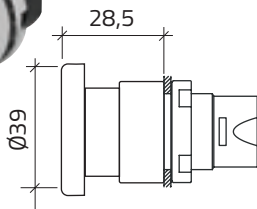
#### Pulsanti con guardia / Guarded push-buttons

● Nero / Black	33	020PTAINW
● Rosso / Red	33	020PTAIRW
● Verde / Green	33	020PTAIVW
● Giallo / Yellow	33	020PTAIGW
● Blu / Blue	33	020PTAIBLW
○ Bianco / White	33	020PTAIBW
● Grigio / Grey	33	020PTAIGRW
● Arancio / Orange	33	020PTAIAW



#### Pulsanti sporgenti / Projecting push-buttons

● Nero / Black	34	020PTASNW
● Rosso / Red	34	020PTASRW
● Verde / Green	34	020PTASVW
● Giallo / Yellow	34	020PTASGW
● Blu / Blue	34	020PTASBLW
○ Bianco / White	34	020PTASBW
● Grigio / Grey	34	020PTASGRW



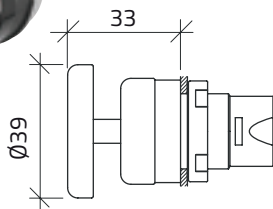
#### Pulsanti a fungo Ø40 / Mushroom push-buttons Ø40

● Nero / Black	44	020PTAFNW
● Rosso / Red	44	020PTAFRW
● Verde / Green	44	020PTAFVW
● Giallo / Yellow	44	020PTAFGW
● Blu / Blue	44	020PTAFBLW

#### Pulsanti a fungo oscillanti Ø40 Floating mushroom push-buttons Ø40

g

cod



● Nero / Black	44	020PTAFONK
● Rosso / Red	44	020PTAFORK

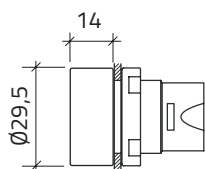
# Pulsanti luminosi Ø22 Ghiera in metallo

## Illuminated push-buttons Ø22 Metal bezel

### Pulsanti luminosi / Illuminated push-buttons

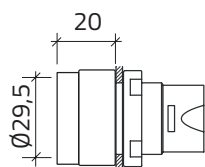
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cod



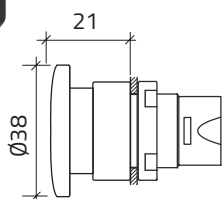
#### Pulsanti con guardia / Guarded push-buttons

● Rosso / Red	33	<b>020PTAILRW</b>
● Verde / Green	33	<b>020PTAILVW</b>
● Giallo / Yellow	33	<b>020PTAILGW</b>
● Blu / Blue	33	<b>020PTAILBLW</b>
○ Bianco / White	33	<b>020PTAILBW</b>
● Arancio / Orange	33	<b>020PTAILAW</b>
○ Trasparente / Clear	33	<b>020PTAILIW</b>



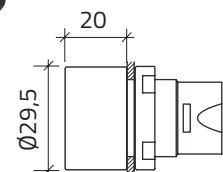
#### Pulsanti sporgenti / Projecting push-buttons

● Rosso / Red	35	<b>020PTASLRW</b>
● Verde / Green	35	<b>020PTASLVW</b>
● Giallo / Yellow	35	<b>020PTASLGW</b>
● Blu / Blue	35	<b>020PTASLBLW</b>
○ Bianco / White	35	<b>020PTASLBW</b>
● Arancio / Orange	35	<b>020PTASLAW</b>
○ Trasparente / Clear	35	<b>020PTASLIW</b>



#### Pulsanti a fungo Ø38 / Mushroom push-buttons Ø38

● Rosso / Red	36	<b>020PTAFLRW</b>
● Verde / Green	36	<b>020PTAFLVW</b>
● Giallo / Yellow	36	<b>020PTAFLGW</b>



#### Pulsanti con guardia completa / Push-buttons with full guard

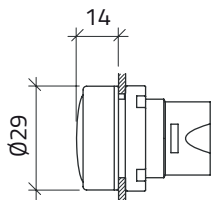
● Rosso / Red	29	<b>020PTSSLRW</b>
● Verde / Green	29	<b>020PTSSLVW</b>
● Giallo / Yellow	29	<b>020PTSSLGW</b>
● Blu / Blue	29	<b>020PTSSLBLW</b>
○ Bianco / White	29	<b>020PTSSLBW</b>
● Arancio / Orange	29	<b>020PTSSLAW</b>
○ Trasparente / Clear	29	<b>020PTSSLIW</b>

# Lampade spia Ø22 Ghiera in metallo

## Pilot lights Ø22 Metal bezel

020

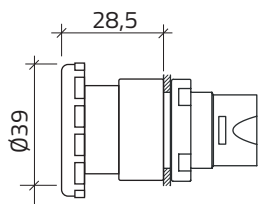
### Lampade spia inviolabile Tamper-proof pilot lights



	g	cod
● Rosso / Red	30	<b>020LTBBRW</b>
● Verde / Green	30	<b>020LTBBVW</b>
● Giallo / Yellow	30	<b>020LTBBGW</b>
● Blu / Blue	30	<b>020LTBBBLW</b>
○ Bianco / White	30	<b>020LTBBBW</b>
○ Trasparente / Clear	30	<b>020LTBBIW</b>
● Arancio / Orange	30	<b>020LTBBAW</b>

# Pulsanti d' emergenza Ø22 Ghiera in metallo Emergency stop push-buttons Ø22 Metal bezel

## Pulsante a fungo ad aggancio Ø40 Latching mushroom push-button Ø40



### Sgancio rotazione / Twist relese

● Rosso / Red

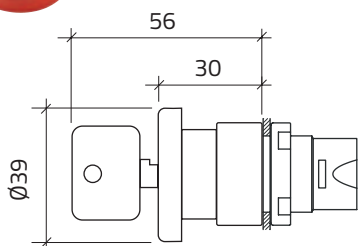
g

45

cod

020PTAARW

## Pulsante a fungo a chiave Ø40 Key mushroom push-button Ø40



### Sgancio a chiave / Key relese

chiave 73037 con impugnatura colore rosso / key 73037 with red cap

● Rosso / Red

g

94


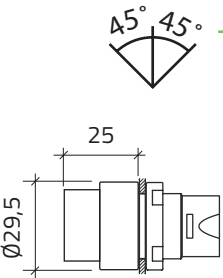





cod

020PTHCRW

# Selettori a manopola Ø22 Ghiera in metallo

## Knob selector switches Ø22 Metal bezel

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50

		2 posizioni / 2 positions		g	cod
 		<b>CAM A</b>	<ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	<ul style="list-style-type: none"> <li>38</li> <li>38</li> <li>38</li> <li>38</li> <li>38</li> </ul>	<ul style="list-style-type: none"> <li><b>020STAMANW</b></li> <li><b>020STAMARW</b></li> <li><b>020STAMAVW</b></li> <li><b>020STAMAGW</b></li> <li><b>020STAMABLW</b></li> </ul>
		<b>CAM B</b>	<ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	<ul style="list-style-type: none"> <li>38</li> <li>38</li> <li>38</li> <li>38</li> <li>38</li> </ul>	<ul style="list-style-type: none"> <li><b>020STAMBNW</b></li> <li><b>020STAMBRW</b></li> <li><b>020STAMBVW</b></li> <li><b>020STAMBGW</b></li> <li><b>020STAMBBLW</b></li> </ul>
		<b>CAM B</b>	<ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	<ul style="list-style-type: none"> <li>38</li> <li>38</li> <li>38</li> <li>38</li> <li>38</li> </ul>	<ul style="list-style-type: none"> <li><b>020STAMBNWD</b></li> <li><b>020STAMBRWD</b></li> <li><b>020STAMBVWD</b></li> <li><b>020STAMBGWD</b></li> <li><b>020STAMBBLWD</b></li> </ul>
		<b>CAM C</b>	<ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	<ul style="list-style-type: none"> <li>38</li> <li>38</li> <li>38</li> <li>38</li> <li>38</li> </ul>	<ul style="list-style-type: none"> <li><b>020STAMCNW</b></li> <li><b>020STAMCRW</b></li> <li><b>020STAMCVW</b></li> <li><b>020STAMCGW</b></li> <li><b>020STAMCBLW</b></li> </ul>
		<b>CAM C</b>	<ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	<ul style="list-style-type: none"> <li>38</li> <li>38</li> <li>38</li> <li>38</li> <li>38</li> </ul>	<ul style="list-style-type: none"> <li><b>020STAMCNWS</b></li> <li><b>020STAMCRWS</b></li> <li><b>020STAMCVWS</b></li> <li><b>020STAMCGWS</b></li> <li><b>020STAMCBLWS</b></li> </ul>

# Selettori a manopola Ø22 Ghiera in metallo Knob selector switches Ø22 Metal bezel

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50



## 3 posizioni / 3 positions

g

cod

020

CAM O			
	● Nero / Black	38	020STAMONW
	● Rosso / Red	38	020STAMORW
	● Verde / Green	38	020STAMOVW
	● Giallo / Yellow	38	020STAMOGW
	● Blu / Blue	38	020STAMOBLW

CAM O			
	● Nero / Black	38	020STAMONWD
	● Rosso / Red	38	020STAMORWD
	● Verde / Green	38	020STAMOVWD
	● Giallo / Yellow	38	020STAMOGWD
	● Blu / Blue	38	020STAMOBLWD

CAM O			
	● Nero / Black	38	020STAMONWS
	● Rosso / Red	38	020STAMORWS
	● Verde / Green	38	020STAMOVWS
	● Giallo / Yellow	38	020STAMOGWS
	● Blu / Blue	38	020STAMOBLWS

CAM O			
	● Nero / Black	38	020STAMONWC
	● Rosso / Red	38	020STAMORWC
	● Verde / Green	38	020STAMOVWC
	● Giallo / Yellow	38	020STAMOGWC
	● Blu / Blue	38	020STAMOBLWC

CAM E			
	● Nero / Black	38	020STAMENW

CAM E			
	● Nero / Black	38	020STAMENWD

CAM T			
	● Nero / Black	38	020STAMTNW
	● Rosso / Red	38	020STAMTRW
	● Verde / Green	38	020STAMTVW
	● Giallo / Yellow	38	020STAMTGW
	● Blu / Blue	38	020STAMTBLW

CAM T			
	● Nero / Black	38	020STAMTNWD
	● Rosso / Red	38	020STAMTRWD
	● Verde / Green	38	020STAMTVWD
	● Giallo / Yellow	38	020STAMTGWD
	● Blu / Blue	38	020STAMTBLWD

# Selettori a manopola Ø22 Ghiera in metallo Knob selector switches Ø22 Metal bezel

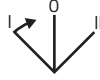
Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50



## 3 posizioni / 3 positions

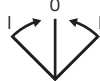
g

cod



### CAM T

● Nero / Black	38	<b>020STAMTNWS</b>
● Rosso / Red	38	<b>020STAMTRWS</b>
● Verde / Green	38	<b>020STAMTVWS</b>
● Giallo / Yellow	38	<b>020STAMTGWS</b>
● Blu / Blue	38	<b>020STAMTBLWS</b>



### CAM T

● Nero / Black	38	<b>020STAMTNWC</b>
● Rosso / Red	38	<b>020STAMTRWC</b>
● Verde / Green	38	<b>020STAMTVWC</b>
● Giallo / Yellow	38	<b>020STAMTGWC</b>
● Blu / Blue	38	<b>020STAMTBLWC</b>

## 4 posizioni / 4 positions

g

cod



### CAM Q

● Nero / Black	38	<b>020STAMQNW</b>
● Rosso / Red	38	<b>020STAMQRW</b>
● Verde / Green	38	<b>020STAMQVW</b>
● Giallo / Yellow	38	<b>020STAMQGW</b>
● Blu / Blue	38	<b>020STAMQBLW</b>



### CAM U

● Nero / Black	38	<b>020STAMUNW</b>
----------------	----	-------------------

## 5 posizioni / 5 positions

g

cod



### CAM R

● Nero / Black	38	<b>020STAMRNW</b>
● Rosso / Red	38	<b>020STAMRRW</b>
● Verde / Green	38	<b>020STAMRVW</b>
● Giallo / Yellow	38	<b>020STAMRGW</b>
● Blu / Blue	38	<b>020STAMRBLW</b>

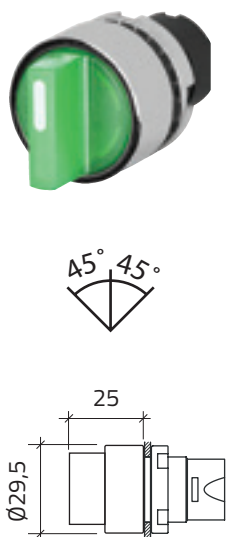


### CAM Z

● Nero / Black	38	<b>020STAMZNW</b>
● Rosso / Red	38	<b>020STAMZRW</b>
● Verde / Green	38	<b>020STAMZVW</b>
● Giallo / Yellow	38	<b>020STAMZGW</b>
● Blu / Blue	38	<b>020STAMZBLW</b>

# Selettori luminosi a manopola Ø22 Ghiera in metallo Illuminated knob selector switches Ø22 Metal bezel

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50



## 2 posizioni / 2 positions

g cod



### CAM A

● Rosso / Red	38	<b>020STAMLARW</b>
● Verde / Green	38	<b>020STAMLAVW</b>
● Giallo / Yellow	38	<b>020STAMLAGW</b>
● Blu / Blue	38	<b>020STAMLABLW</b>
○ Bianco / White	38	<b>020STAMLABW</b>
● Arancione / Orange	38	<b>020STAMLAAW</b>
○ Trasparente / Clear	38	<b>020STAMLAIW</b>

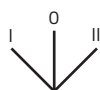


### CAM A

● Rosso / Red	38	<b>020STAMLARWD</b>
● Verde / Green	38	<b>020STAMLAVWD</b>
● Giallo / Yellow	38	<b>020STAMLAGWD</b>
● Blu / Blue	38	<b>020STAMLABLWD</b>
○ Bianco / White	38	<b>020STAMLABWD</b>
● Arancione / Orange	38	<b>020STAMLAAWD</b>
○ Trasparente / Clear	38	<b>020STAMLAIWD</b>

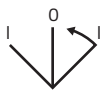
## 3 posizioni / 3 positions

g cod



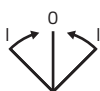
### CAM O

● Rosso / Red	38	<b>020STAMLORW</b>
● Verde / Green	38	<b>020STAMLOVW</b>
● Giallo / Yellow	38	<b>020STAMLOGW</b>
● Blu / Blue	38	<b>020STAMLOBLW</b>
○ Bianco / White	38	<b>020STAMLOBW</b>
● Arancione / Orange	38	<b>020STAMLOAW</b>
○ Trasparente / Clear	38	<b>020STAMLOIW</b>



### CAM O

● Rosso / Red	38	<b>020STAMLORWD</b>
● Verde / Green	38	<b>020STAMLOVWD</b>
● Giallo / Yellow	38	<b>020STAMLOGWD</b>
● Blu / Blue	38	<b>020STAMLOBLWD</b>
○ Bianco / White	38	<b>020STAMLOBWD</b>
● Arancione / Orange	38	<b>020STAMLOAWD</b>
○ Trasparente / Clear	38	<b>020STAMLOIWD</b>



### CAM O

● Rosso / Red	38	<b>020STAMLORWC</b>
● Verde / Green	38	<b>020STAMLOVWC</b>
● Giallo / Yellow	38	<b>020STAMLOGWC</b>
● Blu / Blue	38	<b>020STAMLOBLWC</b>
○ Bianco / White	38	<b>020STAMLOBWC</b>
● Arancione / Orange	38	<b>020STAMLOAWC</b>
○ Trasparente / Clear	38	<b>020STAMLOIWC</b>

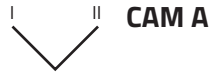
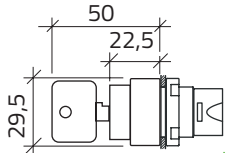
# Selettori a chiave Ø22 Ghiera in metallo Key selector switches Ø22 Metal bezel

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50

020

2 posizioni  
2 positions

g k cod k cod



CAM A

95



020STACAW



020STACAW2

95



020STACAW4



CAM B

95



020STACBW



020STACBW2

95



020STACBW4



CAM B

95



020STACBWD



CAM C

95



020STACCW



020STACCW2

95



020STACCW4



CAM C

95



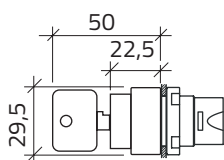
020STACCWS



# Selettori a chiave Ø22 Ghiera in metallo

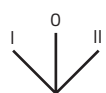
## Key selector switches Ø22 Metal bezel

Cercare la combinazione di schemi a pag. 49-50 / See diagram combination on page 49-50



3 posizioni  
3 positions

g k cod k cod



**CAM O**

95



**020STACOW**



**020STACOW2**

95



**020STACOW3**



**020STACOW4**

95



**020STACOW5**

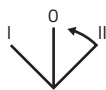


**020STACOW6**

95



**020STACOW7**



**CAM O**

95



**020STACOWD**

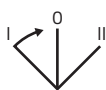


**020STACOWD2**

95



**020STACOWD3**



**CAM O**

95



**020STACOWS**

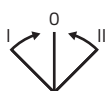


**020STACOWS3**

95



**020STACOWS4**

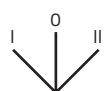


**CAM O**

95



**020STACOWC**



**CAM T**

95



**020STACTW**



**020STACTW2**

95



**020STACTW3**



**020STACTW4**

95



**020STACTW5**

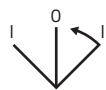


**020STACTW6**

95



**020STACTW7**



**CAM T**

95



**020STACTWD**

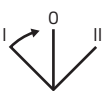


**020STACTWD2**

95



**020STACTWD3**



**CAM T**

95



**020STACTWS**

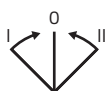


**020STACTWS3**

95



**020STACTWS4**



**CAM T**

95



**020STACTWC**

# Combinazione di schemi Ø22 Ghiera in metallo

## Diagram combination Ø22 Metal bezel

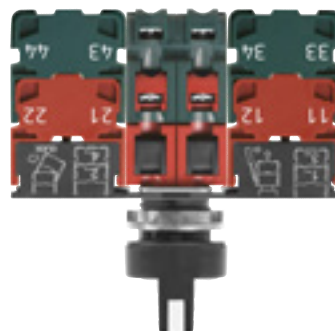
020

			Schema Diagram	Contatti flangiati Flanged contacts
	<b>CAM A</b>	13 — 14	E10	020E10 020G
	<b>CAM A</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM B</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM C</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM O</b>	23 — 24 13 — 14	E10 E10	020E10 020E10 020G
	<b>CAM O</b>	21 — 22 13 — 14	E01 E10	020E10 020E10 020G
	<b>CAM O</b>	43 — 44 33 — 34 21 — 22 11 — 12	E10 E10 E01 E01	020E10 020E10 020E01 020E01 020G
	<b>CAM E</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G
	<b>CAM T</b>	21 — 22 13 — 14	E01 E10	020E01 020E10 020G



# Combinazione di schemi Ø22 Ghiera in metallo Diagram combination Ø22 Metal bezel

		Schema Diagram	Contatti flangiati Flanged contacts																														
	<b>CAM T</b>	 <table border="1"> <tr><td>I</td><td>0</td><td>II</td><td></td></tr> <tr><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td>E01</td></tr> <tr><td></td><td></td><td></td><td>E01</td></tr> </table>	I	0	II					E10				E10				E01				E01	 020E10 020E10 020E01 020E01 020G										
I	0	II																															
			E10																														
			E10																														
			E01																														
			E01																														
	<b>CAM Q</b>	 <table border="1"> <tr><td>I</td><td>II</td><td>III</td><td>IV</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td>E01</td></tr> <tr><td></td><td></td><td></td><td></td><td>E01</td></tr> </table>	I	II	III	IV						E10					E10					E01					E01	 020E10 020E10 020E01 020E01 020G					
I	II	III	IV																														
				E10																													
				E10																													
				E01																													
				E01																													
	<b>CAM U</b>	 <table border="1"> <tr><td>I</td><td>II</td><td>III</td><td>IV</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td>E01</td></tr> <tr><td></td><td></td><td></td><td></td><td>E10</td></tr> </table>	I	II	III	IV						E10					E01					E10	 020E10 020E10 020E01 020G										
I	II	III	IV																														
				E10																													
				E01																													
				E10																													
	<b>CAM R</b>	 <table border="1"> <tr><td>I</td><td>II</td><td>III</td><td>IV</td><td>V</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E01</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E01</td></tr> </table>	I	II	III	IV	V							E10						E10						E01						E01	 020E10 020E10 020E01 020E01 020G
I	II	III	IV	V																													
					E10																												
					E10																												
					E01																												
					E01																												
	<b>CAM Z</b>	 <table border="1"> <tr><td>I</td><td>II</td><td>III</td><td>IV</td><td>V</td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E10</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E01</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td>E01</td></tr> </table>	I	II	III	IV	V							E10						E10						E01						E01	 020E10 020E10 020E01 020E01 020G
I	II	III	IV	V																													
					E10																												
					E10																												
					E01																												
					E01																												



# Presa USB 3.0 Ø22 3.0 USB socket Ø22

Presa USB 3.0  
3.0 USB socket

g

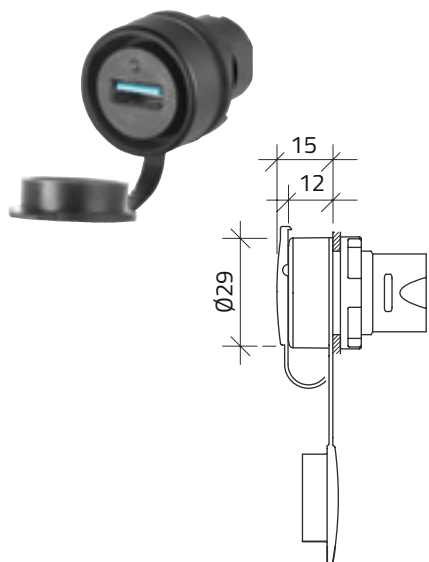
cod

**Tipo A-A (femmina-femmina)**  
**A-A type (female-female)**

● Nero / Black

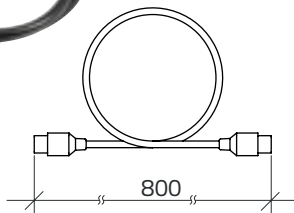
24

020PUSB



# Cavo USB USB cable

Cavo mt 0,8  
Cable mt 0,8

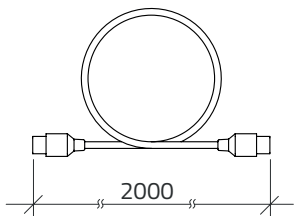


**Tipo M-M (maschio-maschio)**  
**Type M-M (male-male)**

● Nero / Black

g      cod  
37      010CUSBMM8

Cavo mt 2  
Cable mt 2



**Tipo M-M (maschio-maschio)**  
**Type M-M (male-male)**

● Nero / Black

g      cod  
77      010CUSBMM20

# Simboli per operatore Ø22

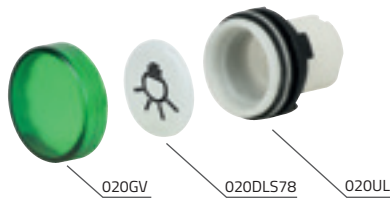
## Symbols for operators Ø22

Far seguire al codice articolo il suffisso del simbolo desiderato / Complete the item code with the suffix of the desired symbol

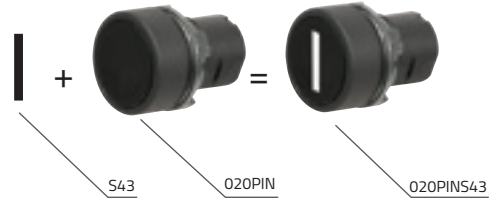
**Esempio per pulsanti luminosi sporgenti e a fungo**  
**Example for illuminated push-button: projecting and mushroom**



**Esempio per lampade spia**  
**Example for pilot lights**



**Esempio per marcatura pulsanti**  
**Example for push-button marking**



### Simboli per veicoli raccolta rifiuti

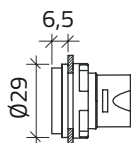
### Symbols for waste collection vehicles

SIMBOLO SYMBOL	NORMA STANDARD	SUFFISSO SUFFIX	SIMBOLO SYMBOL	NORMA STANDARD	N° N°	SUFFISSO SUFFIX	SIMBOLO SYMBOL	NORMA STANDARD	N° N°	SUFFISSO SUFFIX
→	IEC 5022a	S 47		UNI EN 1501-1	01	S E01		UNI EN 1501-1	19	S E19
↑	IEC 5022a	S 46		UNI EN 1501-1	02	S E02		UNI EN 1501-1	20	S E20
←	IEC 5022a	S 475		UNI EN 1501-1	03	S E03		UNI EN 1501-1	21	S E21
↓	IEC 5022a	S 46B		UNI EN 1501-1	04	S E04		IEC 5007a ISO 700	22	S E22
+	IEC 5005a	S 44		UNI EN 1501-1	05	S E05	○	IEC 5008a ISO 700	23	S E23
-	IEC 5006a	S 45		UNI EN 1501-1	06	S E06		IEC 5013a ISO 70001	24	S E24
	ISO 0096	S 48		UNI EN 1501-1	07	S E07		IEC 1141a ISO 7000	25	S E25
	IEC 5007a	S 43		UNI EN 1501-1	08	S E08		UNI EN 1501-1	26	S E26
○	IEC 5008a	S 42		UNI EN 1501-1	09	S E09		UNI EN 1501-1	27	S E27
⊖	IEC 5010a	S 67		UNI EN 1501-1	10a	S E10a		UNI EN 1501-1	28	S E28
⊕	IEC 5011a	S 68		UNI EN 1501-1	10b	S E10b	↪	IEC 0004a ISO 7000	29	S E29
⚡	IEC 5036a	S 72		UNI EN 1501-1	11	S E11	↪	IEC 0004a ISO 7000	30	S E30
⚠	ISO 0434	S 73		UNI EN 1501-1	12	S E12		UNI EN 1501-2	31	S E31
	IEC 5014a	S 76		UNI EN 1501-1	13	S E13		UNI EN 1501-2	32	S E32
	IEC 5012a	S 78		UNI EN 1501-1	14	S E14				S E16M
	ISO 0085	S 38		UNI EN 1501-1	15	S E15				S E93M
	IEC 5178a	S 138		UNI EN 1501-1	16	S E16				S E98M
	IEC 5638a	S 144		UNI EN 1501-1	17	S E17				S E99M
				UNI EN 1501-1	18	S E18				



# Accessori Ø22 Accessories Ø22

## Corpo per lampade spia / Pilot light body



Completare articolo con gemma ed eventuale diffusore con simbolo  
To be fitted with lens and possible diffuser with symbol

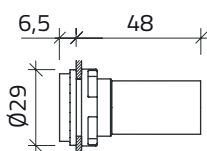
g	n	cod
6	5	020UL

## Corpo per lampada spia monoblocco Monolithic pilot light body

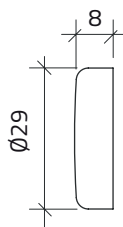


Completare articolo con gemma ed eventuale diffusore con simbolo  
To be fitted with lens and possible diffuser with symbol  
Alimentazione diretta / Direct supply

g	n	cod
14	5	020LM

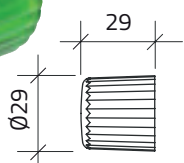


## Gemme per lampade spia / Lenses for pilot lights



- Rosso / Red
- Verde / Green
- Giallo / Yellow
- Blu / Blue
- Bianco / White
- Arancio / Orange
- Trasparente / Clear

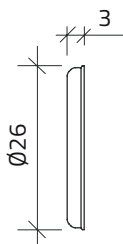
g	n	cod
3	5	020GR
3	5	020GV
3	5	020GG
3	5	020GBL
3	5	020GB
3	5	020GA
3	5	020GI



- Rosso / Red
- Verde / Green
- Giallo / Yellow
- Blu / Blue
- Bianco / White
- Arancio / Orange
- Trasparente / Clear

7	5	020GAR
7	5	020GAV
7	5	020GAG
7	5	020GABL
7	5	020GAB
7	5	020GAA
7	5	020GAI

## Diffusori con simbolo / Diffusers caps with symbol




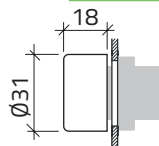


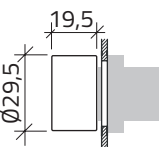

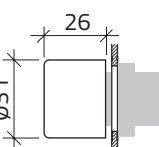

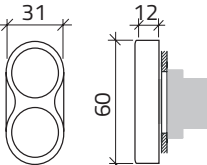
Completa il codice con il suffisso del simbolo desiderato vedi pag 52  
Code to be completed with the suffix of the desired symbol, see page 52.

Per lampade spia / For pilot lights

g	n	cod
0,8	10	020DL***

# Accessori Ø22 Accessories Ø22

## Cappucci in gomma / Rubber caps



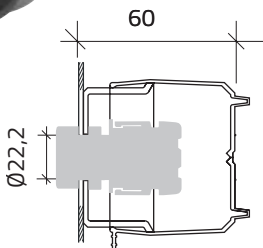
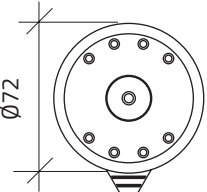
	g	n	cod
  <p>Silicone trasparente / Clear silicone</p>			
 <p>Pulsanti con guardia / Guarded push-button</p>	3,5	5	<b>020CS</b>
  <p>Pulsanti con guardia metallica / Push-button with metal bezel</p>	3,5	5	<b>020CGS</b>
  <p>Pulsanti sporgenti / Projecting push-button</p>	3,5	5	<b>020CSGS</b>
  <p>Pulsanti doppi / Twin push-button</p>	3,5	5	<b>020CGP2</b>

## Soffietti di protezione per pulsanti a fungo Bellows for mushroom push-buttons

	g	n	cod
  <ul style="list-style-type: none"> <li>● Nero / Black</li> <li>● Rosso / Red</li> <li>● Verde / Green</li> <li>● Giallo / Yellow</li> <li>● Blu / Blue</li> </ul>	3	5	<b>020SGFN</b>
	3	5	<b>020SGFR</b>
	3	5	<b>020SGFV</b>
	3	5	<b>020SGFG</b>
	3	5	<b>020SGFBL</b>

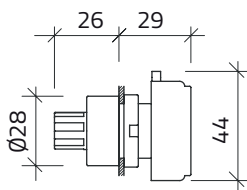


## Cappucci di protezione contatti Protective caps for contacts

	g	cod
   	58	<b>020PC22</b>

# Accessori Ø22 Accessories Ø22

## Operatore potenziometrico / Potentiometer operator



Per potenziometri con albero Ø6mm (non fornito)  
For potentiometers with Ø6mm shaft (not included)

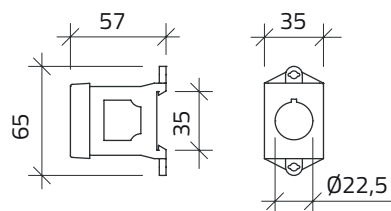
g

cod

135

0200P

## Supporto operatore per guida DIN DIN rail mounting adapter for operator



● RAL 7035

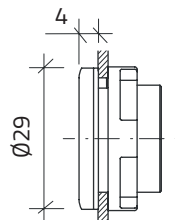
g

cod

16

0205GD

## Tappi di chiusura / Hole plugs



● RAL 7035

● Nero / Black

○ Trasparente / Clear

● RAL 7016

g

n

cod

5

10

020TTP

5

10

020TTPN

5

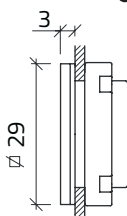
10

020TTPT

5

10

020TTPGR



● Nero / Black

5

10

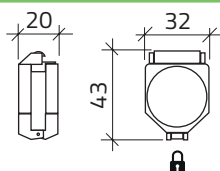
020QTPN

# Accessori Ø22

## Accessories Ø22

020

### Protezioni lucchettabili e piombabili Padlockable and sealable protective covers



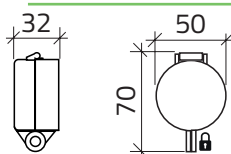
Piombabile / Sealable

g

cod

6

020PTPP



Lucchettabile / Padlockable

14

020PTLO

### Accessori di protezione / Protective guards



● RAL 7016  
● Giallo/ Yellow

g

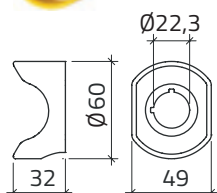
cod

16

020PEO

16

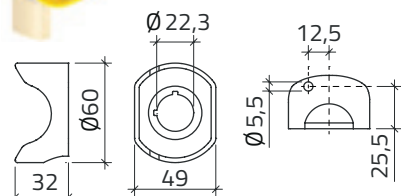
020PEOG



Versione lucchettabile / Padlockable type  
● Giallo/ Yellow

15

020PEOGL



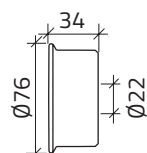
● RAL 7016  
● Giallo/ Yellow

35

020GP22

35

020GPG22



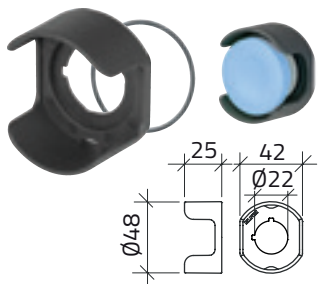
# Accessori Ø22 Accessories Ø22

## Accessori di protezione in termoplastica Thermoplastic protective guards



- RAL 7016
- Rosso / Red
- Verde / Green
- Giallo/ Yellow
- Blu / Blue

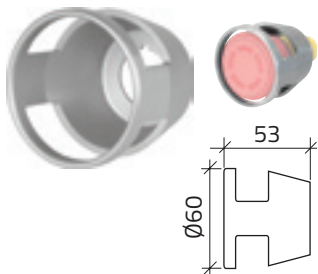
g	cod
13	020GPF
13	020GPFR
13	020GPFV
13	020GPGF
13	020GPFBL



- RAL 7016

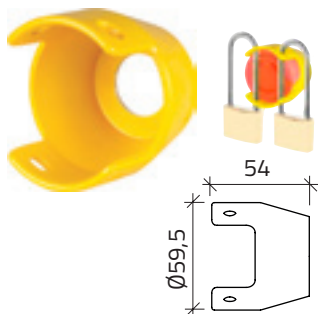
8	020GPF42
---	----------

## Accessori di protezione in metallo Metal protective guards



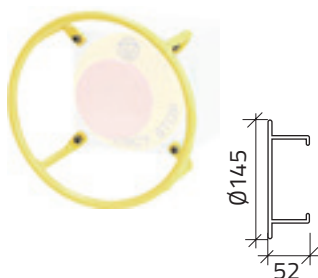
- Grigio / Grey

g	cod
150	020GPE



- Versione lucchettabile / Padlockable type
- Giallo/ Yellow

63	020GPEL
----	---------



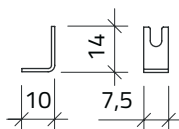
- Giallo/ Yellow

35	020SPE
----	--------

# Accessori Ø22

## Accessories Ø22

### Terminali / Terminals

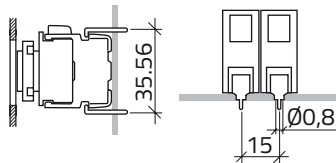


Collegamenti con elemento di comando e portalampada, compatibilità con spinotti  
 1 x 6.3 / 2 x 2.8 mm tipo isolato / Connection with control element and lampholders  
 1x6.3 / 2x2.8 mm pins, insulated type

Terminali Faston / Faston terminals

**g** **n** **cod**

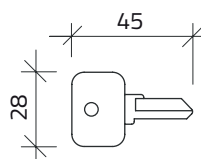
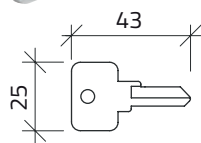
35 10 **020TF**



Terminali a saldare / Solder terminals

35 10 **020TS**

### Chiavi / Keys



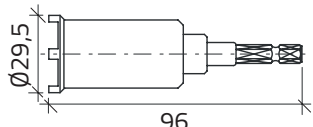
	<b>g</b>	<b>c</b>	<b>n</b>	<b>cod</b>
	11	3095	2	<b>010K95</b>
	11	3353	2	<b>010K53</b>
	11	9901	2	<b>010K01</b>
	11	9902	2	<b>010K02</b>
	11	9903	2	<b>010K03</b>
	11	9904	2	<b>010K04</b>
	11	9905	2	<b>010K05</b>
	11	9910	2	<b>010K10</b>
	11	9916	2	<b>010K16</b>
	11	9919	2	<b>010K19</b>

Versione secondo normativa FIAT / Version according to FIAT standards

● Nero / Black	11	73034	2	<b>010K34</b>
● Rosso / Red	11	73037	2	<b>010K37</b>
● Giallo / Yellow	11	73033	2	<b>010K33</b>
● Blu / Blue	11	73038	2	<b>010K38</b>
● Arancio / Orange	11	73040	2	<b>010K40</b>

# Accessori Ø22 Accessories Ø22

## Chavi di serraggio ghiera / Locking ring wrenches



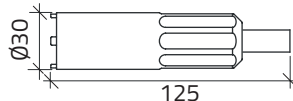
Chiave di serraggio acciaio, per avvitatore  $\frac{1}{4}$ "  
Steel locking ring wrench for screwdriver  $\frac{1}{4}$ "

g

100

cod

020CGA



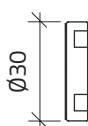
Chiave di serraggio plastica / Plastic locking ring wrench

● Nero / Black

32

020CGN

## Ghiere di fissaggio operatori Locking rings for operators



Filettatura passo 2, metallo / Thread pitch 2, metal

g

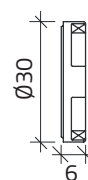
8

n

5

cod

020GF2



Per lampade spia e tappi / For pilot lights and plugs

Filettatura passo 2, plastica / Thread pitch 2, plastic

4

5

020GF2P



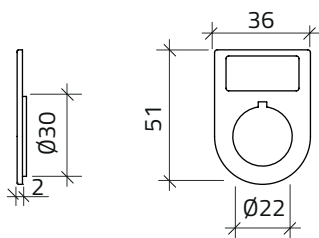
Per serie ghiera metallo e filo pannello / For metal bezel and flush-mount series

Filettatura passo 1, metallo / Thread pitch 1, metal

8

5

020GF



Con supporto targhetta / With label support

Flangia di riduzione da Ø30 a Ø22

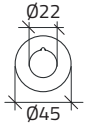
Reductive flange from Ø30 to Ø22

8

020FR

# Targhette Ø22 Legend plates Ø22

## Targhette emergenza, secondo VDE 0113 Emergency stop legend plates, according to VDE 0113

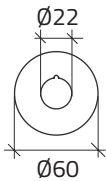


### Ø 45

Senza testo / Blank

**g** **cod**

2 **020D**



### Ø 60

Senza testo / Blank

ARRESTO EMERGENZA

EMERGENCY STOP

NOT-AUS

ARRET D'URGENCE

PARO EMERGENCIA

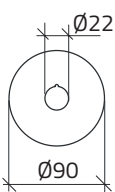
NOOD UIT

EMERGENCIA PARAGEM

NOOD STOP

NØD STOP

2	<b>020D0</b>
2	<b>020D21</b>
2	<b>020D23</b>
2	<b>020D39</b>
2	<b>020D36</b>
2	<b>020D37</b>
2	<b>020D91</b>
2	<b>020D95</b>
2	<b>020D107</b>
2	<b>020D123</b>



### Ø 90

Senza testo / Blank

ARRESTO EMERGENZA

EMERGENCY STOP

NOT-AUS

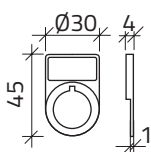
ARRET D'URGENCE

PARO EMERGENCIA

EMERGENCIA PARAGEM

5,3	<b>020DD0</b>
5,3	<b>020DD21</b>
5,3	<b>020DD23</b>
5,3	<b>020DD39</b>
5,3	<b>020DD36</b>
5,3	<b>020DD37</b>
5,3	<b>020DD95</b>

## Porta targhette / Legend plate holders



### 13x27

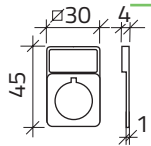
● Nero / Black

● Giallo / Yellow

● RAL 7016

**g** **n** **cod**

2	10	<b>020ST</b>
2	10	<b>020STG</b>
2	10	<b>020STGR</b>

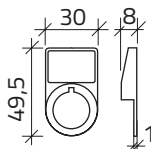


### 13x27

● Nero / Black

● Giallo / Yellow

2	10	<b>020SQ</b>
2	10	<b>020SQG</b>



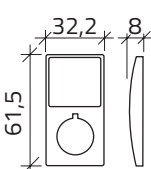
### 18x27

● Nero / Black

● Giallo / Yellow

● RAL 7016

2,5	10	<b>020ST18</b>
2,5	10	<b>020ST18G</b>
2,5	10	<b>020ST18GR</b>



### 27x27

● Nero / Black

● Giallo / Yellow

● RAL 7016

3	10	<b>020ST27N</b>
3	10	<b>020ST27G</b>
3	10	<b>020ST27GR</b>

# Targhette Ø22 Legend plates Ø22

## Targhette adesive con diciture Adhesive labels with texts



cod

cod

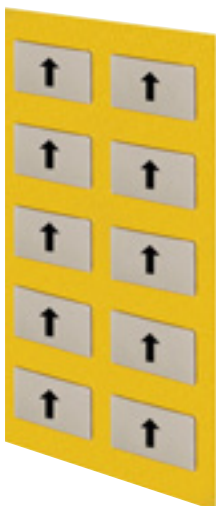
cod

### Dicitura / Texts

Quantità per confezione n° 10 / Pack quantity n° 10  
Colore alluminio, scritta nera / Silver colour, with black text

Marcia	<b>02001T</b>	Emergenza	<b>02021T</b>	1 0 2	<b>02041T</b>
Arresto	<b>02002T</b>	Lavoro	<b>02022T</b>	Reset	<b>02055T</b>
Avanti	<b>02003T</b>	Stop	<b>02023T</b>	Test	<b>02056T</b>
Indietro	<b>02004T</b>	Arresto-Marcia	<b>02024T</b>	Nood Uit	<b>02091T</b>
Salita	<b>02005T</b>	Inser. Disinser.	<b>02025T</b>	ON O Off	<b>02092T</b>
Discesa	<b>02006T</b>	Start	<b>02026T</b>	Manu O Auto	<b>02093T</b>
Destra	<b>02007T</b>	Abbassa	<b>02027T</b>	Danger	<b>02094T</b>
Sinistra	<b>02008T</b>	Alza	<b>02028T</b>	Order Spanning	<b>02095T</b>
Apri	<b>02009T</b>	Alt	<b>02029T</b>	Sous Tension	<b>02096T</b>
Chiude	<b>02010T</b>	Apri Chiude	<b>02030T</b>	Hand O Auto	<b>02097T</b>
Lento	<b>02011T</b>	Aut. Semiaut.	<b>02031T</b>	Arret	<b>02098T</b>
Veloce	<b>02012T</b>	Aut O Man	<b>02032T</b>	Marche	<b>02099T</b>
Avviamento	<b>02013T</b>	O 1	<b>02033T</b>	Marcha	<b>020100T</b>
Arresto Ciclo	<b>02014T</b>	Tensione in linea	<b>02034T</b>	Arranque	<b>020101T</b>
Ciclo Automatico	<b>02016T</b>	Blocco	<b>02035T</b>	Subir	<b>020102T</b>
Ripristino Ciclo	<b>02017T</b>	Arret d'Urgence	<b>02036T</b>	Bajar	<b>020103T</b>
Inserito	<b>02018T</b>	Paro Emergencia	<b>02037T</b>	Parada	<b>020104T</b>
Corrente Inserita	<b>02019T</b>	Not Aus	<b>02039T</b>		
Disinserito	<b>02020T</b>	O 1 2	<b>02040T</b>		

## Targhette adesive con simboli Adhesive labels with symbols



cod

cod

### Simbolo / Symbol

Quantità per confezione n° 10 / Pack quantity n° 10  
Colore alluminio, scritta nera / Silver colour, with black symbol

↑	<b>02046T</b>	○	<b>02042T</b>
→	<b>02047T</b>	☞	<b>02076T</b>
☞	<b>02048T</b>	—	<b>02045T</b>
⊕	<b>02068T</b>	⊖	<b>02067T</b>
⚠	<b>02038T</b>	⚙	<b>02078T</b>
	<b>02043T</b>	⚙	<b>020144T</b>
⚡	<b>02072T</b>	⚠	<b>02073T</b>
⚙	<b>020138T</b>		
+	<b>02044T</b>		

# Targhette Ø22 Legend plates Ø22

020



## Rotoli etichette adesive in alluminio Aluminium adhesive labels rolls

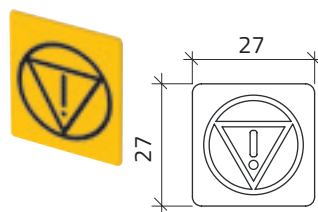
		g	cod
13x27 mm	rotolo da 1500 pz / roll of 1500 pc	170	020RE
18x27 mm	rotolo da 1500 pz / roll of 1500 pc	280	020RE18
27x27 mm	rotolo da 1300 pz / roll of 1300 pc	240	020RE27
60x15 mm	rotolo da 1500 pz / roll of 1500 pc	380	020RE615
60x40 mm	rotolo da 700 pz / roll of 700 pc	500	020RE640
60x60 mm	rotolo da 500 pz / roll of 500 pc	450	020RE660
60x60 mm foro / hole Ø22	rotolo da 500 pz / roll of 500 pc	450	020RE660D
60x80 mm	rotolo da 400 pz / roll of 400 pc	580	020RE680
60x110 mm	rotolo da 300 pz / roll of 300 pc	580	020RE6110

## Etichette protettive adesive Adhesive protective labels



	g	n	cod
<b>Pellicola trasparente / Protective film</b>			
13x27 mm	2	10	020PE
18x27 mm	2	10	020PE18
27x27 mm	2	10	020PE27

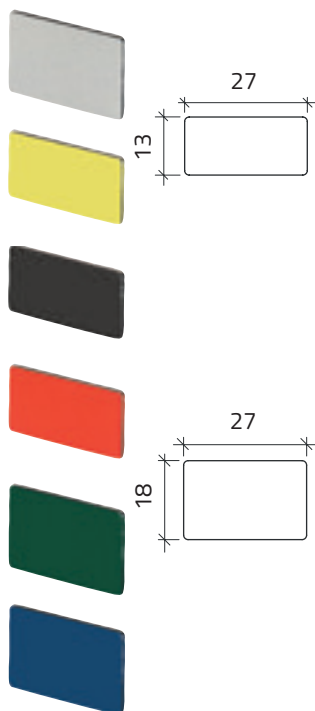
## Etichetta adesiva emergenza Adhesive emergency label



	g	cod
<b>Targhetta adesiva / Adhesive label</b>		
27x27 mm	0,2	020144T27

# Targhette Ø22 Legend plates Ø22

## Etichette neutre adesive / Blank adhesive labels



### 13x27

Incisione meccanica / Mechanical engraving

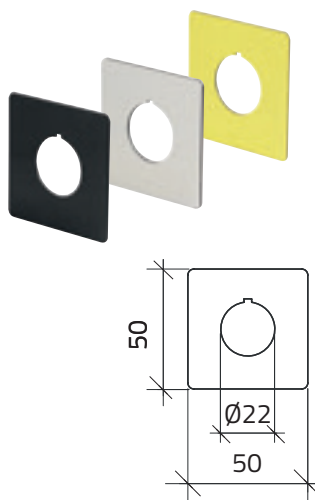
	g	n	cod
● Silver- <i>Incisione nera / Silver-Black engraving</i>	0,2	10	<b>02000T</b>
○ Bianco- <i>Incisione nera / White-Black engraving</i>	0,2	10	<b>02000TB</b>
● Giallo- <i>Incisione nera / Yellow-Black engraving</i>	0,2	10	<b>02000TG</b>
● Nero- <i>Incisione bianca / Black-White engraving</i>	0,2	10	<b>02000TN</b>
● Rosso- <i>Incisione bianca / Red-White engraving</i>	0,2	10	<b>02000TR</b>
● Verde- <i>Incisione bianca / Green-White engraving</i>	0,2	10	<b>02000TV</b>
● Blu- <i>Incisione bianca / Blue-White engraving</i>	0,2	10	<b>02000TBL</b>

### 18x27

Incisione meccanica / Mechanical engraving

● Silver- <i>Incisione nera / Silver-Black engraving</i>	0,2	10	<b>02000T18</b>
○ Bianco- <i>Incisione nera / White-Black engraving</i>	0,2	10	<b>02000TB18</b>
● Giallo- <i>Incisione nera / Yellow-Black engraving</i>	0,2	10	<b>02000TG18</b>
● Nero- <i>Incisione bianca / Black-White engraving</i>	0,2	10	<b>02000TN18</b>
● Rosso- <i>Incisione bianca / Red-White engraving</i>	0,2	10	<b>02000TR18</b>
● Verde- <i>Incisione bianca / Green-White engraving</i>	0,2	10	<b>02000TV18</b>
● Blu- <i>Incisione bianca / Blue-White engraving</i>	0,2	10	<b>02000TBL18</b>

## Etichette adesive Adhesive labels

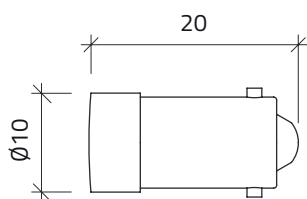


### 50X50

	g	cod
● Silver- <i>Incisione nera / Silver-Black engraving</i>	1,8	<b>020T50</b>
● Giallo- <i>Incisione nera / Yellow-Black engraving</i>	1,8	<b>020T50G</b>
● Nero- <i>Incisione bianca / Black-White engraving</i>	1,8	<b>020T50N</b>

# Lampadine Lamps

020



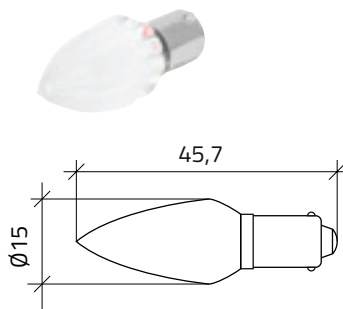
## BA9S Led luce fissa BA9S Steady light led lamps

	g	n	cod
<b>6V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR6
● Verde / Green	2	5	010BA9SLV6
● Giallo / Yellow	2	5	010BA9SLG6
● Blu / Blue	2	5	010BA9SLBL6
○ Bianco / White	2	5	010BA9SLB6
<b>12V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR12
● Verde / Green	2	5	010BA9SLV12
● Giallo / Yellow	2	5	010BA9SLG12
● Blu / Blue	2	5	010BA9SLBL12
○ Bianco / White	2	5	010BA9SLB12
<b>24V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR24
● Verde / Green	2	5	010BA9SLV24
● Giallo / Yellow	2	5	010BA9SLG24
● Blu / Blue	2	5	010BA9SLBL24
○ Bianco / White	2	5	010BA9SLB24
<b>36V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR36
● Verde / Green	2	5	010BA9SLV36
● Giallo / Yellow	2	5	010BA9SLG36
● Blu / Blue	2	5	010BA9SLBL36
○ Bianco / White	2	5	010BA9SLB36
<b>48V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR48
● Verde / Green	2	5	010BA9SLV48
● Giallo / Yellow	2	5	010BA9SLG48
● Blu / Blue	2	5	010BA9SLBL48
○ Bianco / White	2	5	010BA9SLB48
<b>130V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR110
● Verde / Green	2	5	010BA9SLV110
● Giallo / Yellow	2	5	010BA9SLG110
● Blu / Blue	2	5	010BA9SLBL110
○ Bianco / White	2	5	010BA9SLB110
<b>240V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR240
● Verde / Green	2	5	010BA9SLV240
● Giallo / Yellow	2	5	010BA9SLG240
● Blu / Blue	2	5	010BA9SLBL240
○ Bianco / White	2	5	010BA9SLB240
<b>400V AC-DC</b>			
● Rosso / Red	2	5	010BA9SLR400
● Verde / Green	2	5	010BA9SLV400
● Giallo / Yellow	2	5	010BA9SLG400
● Blu / Blue	2	5	010BA9SLBL400
○ Bianco / White	2	5	010BA9SLB400



# Lampadine Lamps

## BA9S Led luce fissa BA9S Steady light led lamps



### 24V AC-DC

	g	cod
● Rosso / Red	2	010BA9ALR24
● Verde / Green	2	010BA9ALV24
● Giallo / Yellow	2	010BA9ALG24
● Blu / Blue	2	010BA9ALBL24
○ Bianco / White	2	010BA9ALB24

### 240V AC-DC

● Rosso / Red	2	010BA9ALR220
● Verde / Green	2	010BA9ALV220
● Giallo / Yellow	2	010BA9ALG220
● Blu / Blue	2	010BA9ALBL220
○ Bianco / White	2	010BA9ALB220

## Led <60V non polarizzati 110-240 V polarizzati Led lamps <60V non-polarized 110-240 V polarized



### Led luce lampeggiante / Flashing light led

Led ultraluminoso tensioni ±15% non polarizzata / Ultra-bright led, voltage ±15% non-polarized  
AC-DC 6 12 24 48 110 AC 220 mA 30 20 14 7 5 16

### 24V AC-DC

● Rosso / Red	2	010BA9SLLR24
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### 130V AC-DC

● Rosso / Red	2	010BA9SLLR110
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### 240V AC-DC

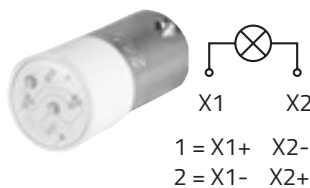
● Rosso / Red	2	010BA9SLLR220
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### 24V AC-DC

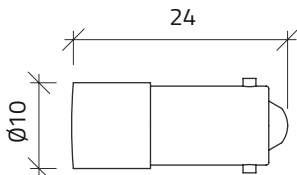
● Rosso / Red	2	010BA9ALLR24
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## Nuove lampade due colori , tecnologia led alta luminosità New bi-colour led lamps,high brightness



### 24V DC 15mA

1 2		
● ● Verde, rosso / Green, red	2	010BA9SLVR24
● ● Verde, giallo / Green, yellow	2	010BA9SLVG24
● ● Blu, rosso / Blue, red	2	010BA9SLBLR24
● ● Blu, giallo / Blue, yellow	2	010BA9SLBLG24

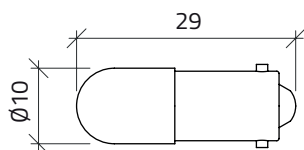


# Lampadine Lamps

020

## BA9S Lampadine ad incandescenza BA9S Incandescent lamps

g n cod

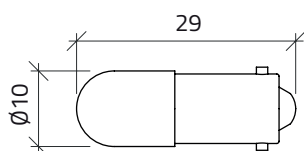


### Lampadine BA9S ad incandescenza / Incandescent bulbs BA9S

6V	0,6W	1,3	10	<b>010BA9S6V-0.6W</b>
24V	1,2 w	1,3	10	<b>010BA9S24V-1.2W</b>
24V	3W	1,3	10	<b>010BA9S24V-3W</b>
30V	1,2W	1,3	10	<b>010BA9S30V-1.2W</b>
30V	3W	1,3	10	<b>010BA9S30V-3W</b>
48V	1,2W	1,3	10	<b>010BA9S48V-1.2W</b>
60V	1,2 w	1,3	10	<b>010BA9S60V-1.2W</b>
60V	3W	1,3	10	<b>010BA9S60V-3W</b>
110V	1,9W	1,3	10	<b>010BA9S130V-1.9</b>
220V	2W	1,3	10	<b>010BA9S220V-2W</b>

## BA9S Lampadine al neon / BA9S neon lamps

g n cod



### Neon AC

● Arancio / Orange	65V	0,05W	2,3	10	<b>010BA9SN65</b>
● Arancio / Orange	130V	0,1W	2,3	10	<b>010BA9SN110</b>
● Verde / Green	130V	0,1W	2,3	10	<b>010BA9NV110</b>
● Arancio / Orange	240V	0,3W	2,3	10	<b>010BA9SN220</b>
● Verde / Green	240V	0,3W	2,3	10	<b>010BA9NV220</b>
● Arancio / Orange	400V	0,5W	2,3	10	<b>010BA9SN380</b>
● Verde / Green	400V	0,5W	2,3	10	<b>010BA9NV380</b>

# Stampante a trasferimento termico Thermal printer



Mod Toshiba B-EV4T-GS14 (200 dpi)  
Stampante / Printer

g

1400

cod

010ST-EV4T



Nastro trasferimento termico 74m / Thermal transfer ribbon,74m 280

010NR6374

## Esempi di applicazione dell' etichetta Example of label application



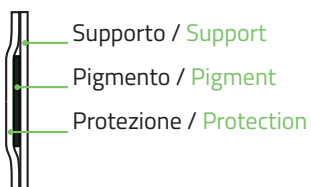
Applicazione dell'etichetta / Label application



Applicazione della pellicola trasparente / Application of protective film



Applicazione su pannello / Panel mounting



## Dimensioni etichette Label dimensions

