



PR ONE cam switch Series

Ready switch configurations matching your requirements

> LAUMANS <

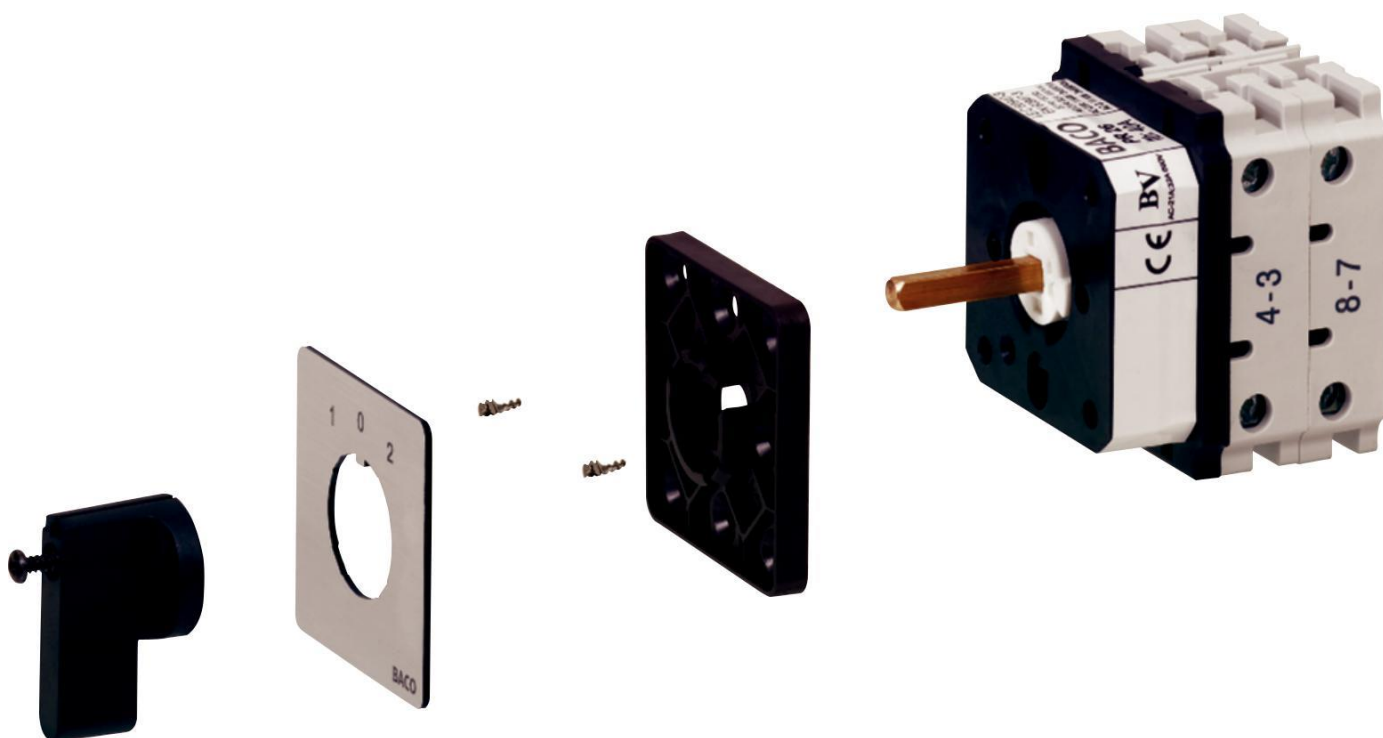
Our commitment makes the difference > BACO®

PR ONE cam switch Series

A selection of standard switching programmes and mounting forms for practical reliable solutions to be achieved quickly

> DESIGN AND FUNCTIONS

- 45° switching angle
- Forced opened contacts
- Finger protected (degree of protection up to IP 20)
- Short-circuit rated
- Fulfills the load of break requirements up to 690V
- Terminal screws in open position
- Switching capacity I_e (A) : 16 A, 25 A and 32 A in AC21
- Manually operated control switches
- Front presentation : aluminium plate with black handle with index
- Laser marking on escutcheon
- Front degree of protection IP 40
- 2-screw panel mount - interval 30 mm



> APPLICATIONS

- ON-OFF switches
- Changeover switches
- Multi-step switches
- Instrument switches

Standard circuits diagrams from 16 A, 25 A up to 32 A
 The expertise of a specialist to offer ready-solutions



> ELECTRICAL CHARACTERISTICS

> Thermal current, I _{th} (A)		20	32	40
> Rated operating current in AC-21A, I _e (A)		16	25	32
> Rated operating current in AC-15A, I _e (A)		6	10	12
> Motor performance in AC-3 (kW)	3 x 230 V	3	4	5,5
	3 x 400 V	4	7,5	11
> Motor performance in AC-23 (kW)	3 x 230 V	4	7,5	11
	3 x 400 V	7,5	11	11
> Rated insulation voltage, U _i (V)		690	690	690
> Rated short time withstand current, I _{cw} (A) for 1 sec		300	420	800
> Maximum wire size (mm ² rigid / flexible)		4 / 2,5	6 / 4	6 / 6
> Mechanical durability (nb of operations)		800 000 (max. rate 150 per hour)		
> Operating temperature limits		-20°C to 70°C		
> Degree of protection	Front	IP 40		
	Rear	IP 2x		


> FINGER PROTECTED

degree of protection up to IP 20

> CONFORMING TO STANDARDS

IEC EN 60947-1
 IEC EN 60947-3
 UL 508
 UL-CSA approved

PR ONE cam switches

 Dimensions (p. 7)

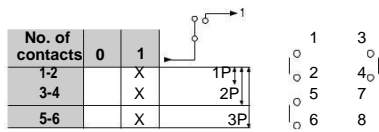
> ON-OFF SWITCHES

From 1 to 3 poles, each pole being a path for the current, the circuit being open at starting position 0, and closed at position 1

2-screw panel mount - Interval : 30 mm Cat.No.



227603



16 A

1P-1 contact
2P-2 contacts
3P-3 contacts



227600
227601
227602

25 A

1P-1 contact
2P-2 contacts
3P-3 contacts



227603
227604
227605

32 A

1P-1 contact
3P-3 contacts



227606
227608

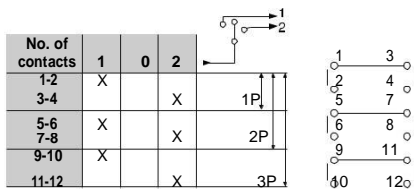
> CHANGE-OVER SWITCHES WITH "OFF" POSITION

From 1 to 3 poles, each pole having two current paths, open at starting position 0, one path closes on position 1, the other on position 2

2-screw panel mount - Interval : 30 mm Cat.No.



227609



16 A

1P-2 contacts
2P-4 contacts
3P-6 contacts



227609
227610
227611

25 A

1P-2 contacts
2P-4 contacts
3P-6 contacts



227612
227613
227614


32 A

1P-2 contacts
2P-4 contacts
3P-6 contacts



227615
227616
227617

PR ONE cam switches

 Dimensions (p. 7)

> SELECTOR SWITCHES

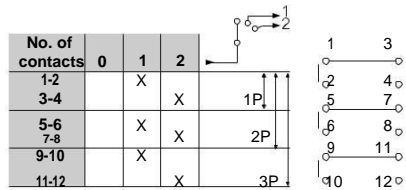
2 to 5-way switches, each pole being respectively from 2 to 5 paths for the current, the starting position is at 0

2-WAY SWITCHES WITH OFF

2-screw panel mount - Interval : 30 mm Cat.No.



227630



16 A
1P-2 contacts
2P-4 contacts
3P-6 contacts



227618
227619
227620

25 A
1P-2 contacts
2P-4 contacts
3P-6 contacts



227624
227625
227626

32 A
1P-2 contacts
2P-4 contacts
3P-6 contacts



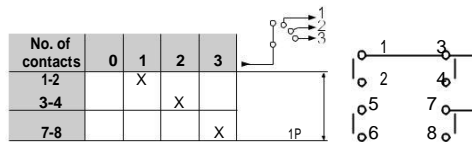
227630
227631
227632

3-WAY SWITCHES WITH OFF

2-screw panel mount - Interval : 30 mm Cat.No.



227621



16 A
1P-3 contacts



227621

25 A
1P-3 contacts

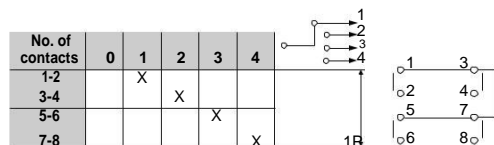
227627

4-WAY SWITCH WITH OFF

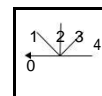
2-screw panel mount - Interval : 30 mm Cat.No.



227622




16 A
1P-4 contacts



227622

PR ONE cam switches

 Dimensions (p. 7)

> SELECTOR SWITCHES (CONTINUED)

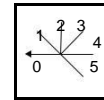
5-WAY SWITCHES WITH OFF

2-screw panel mount - Interval : 30 mm **Cat.No.**



No. of contacts	0	1	2	3	4	5
1-2		X				
3-4			X			
5-6				X		
7-8					X	
9-10						X

16 A
1P-5 contacts



227623

25 A
1P-5 contacts

227629

227623

> INSTRUMENT SWITCHES

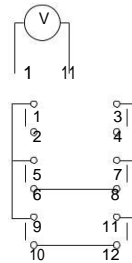
For ammeters wired in 3 CT's connected into the corresponding circuits. The CT's can be mounted in series with common point. For voltmeters wired into 3-phase networks with neutral.

VOLTMETER SWITCH, WITH NEUTRAL

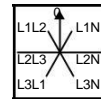
2-screw panel mount - Interval : 30 mm **Cat.No.**



No. of contacts	L3 L1	L2 L3	L1 L2	0 0	L1 N	L2 N	L3 N
1-2	X		X		X	X	X
3-4		X			X	X	X
5-6			X			X	
7-8				X			
9-10							X
11-12	X	X					

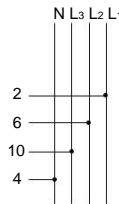


16 A
6 contacts



227636

227636

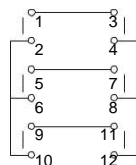


AMMETER SWITCH, 3 CTs WITH COMMON POINT

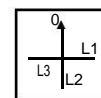
2-screw panel mount - Interval : 30 mm **Cat.No.**



No. of contacts	0	L1	L2	L3
1-2		X	X	
3-4		X	X	
5-6			X	X
7-8			X	X
9-10	X			
11-12			X	X

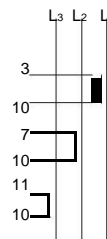


16 A
6 contacts



227637

227637

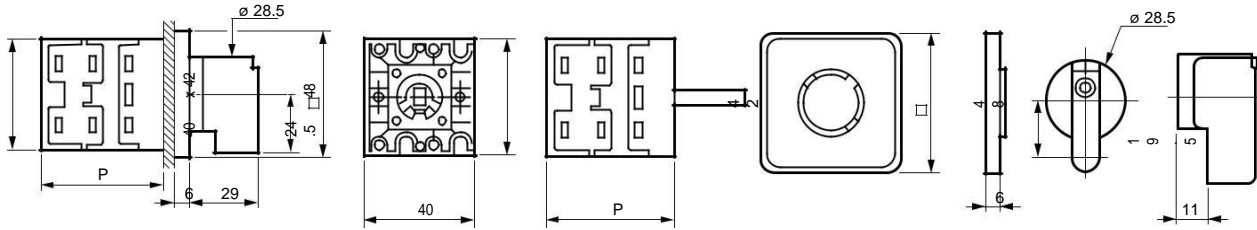


Catalogue No. in bold: normally in stock at distribution outlets

PR ONE cam switches

> DIMENSIONS

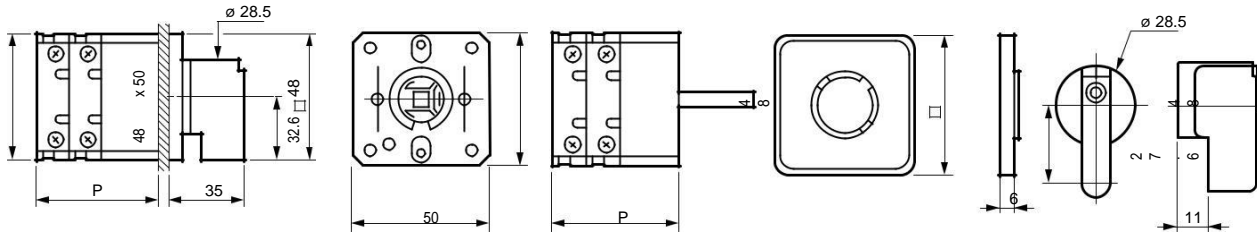
PR One 16 A (ie)



Dimensions in mm

- *P : 36 (1-2 contacts)
- 46 (3-4 contacts)
- 56 (5-6 contacts)

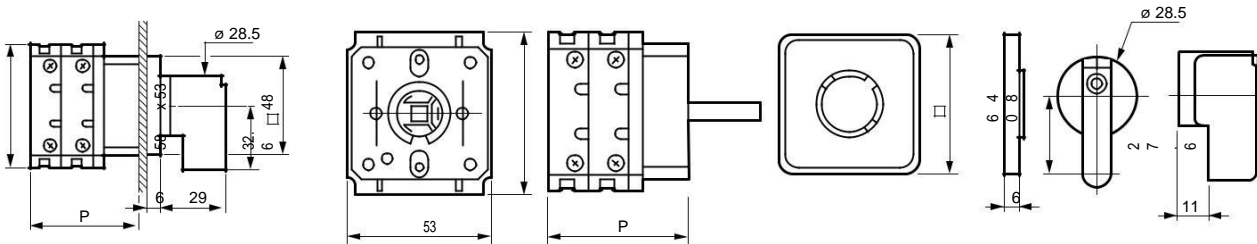
PR One 25 A (ie)



Dimensions in mm

- *P : 33 (1-2 contacts)
- 45 (3-4 contacts)
- 57 (5-6 contacts)

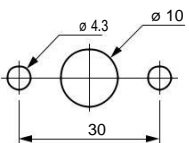
PR One 32 A (ie)



Dimensions in mm

- *P : 36 (1-2 contacts)
- 51 (3-4 contacts)
- 66 (5-6 contacts)

> Panel Cut-out



BACO's cam switch technology allows us to build switching solutions for up to 48 poles. Other switching programmes and different switching versions to your own requirements are all available in our BACO comprehensive catalogue :

www.baco-international.com

Distributed by:

> LAUMANS <



BACO®

www.baco-international.com

