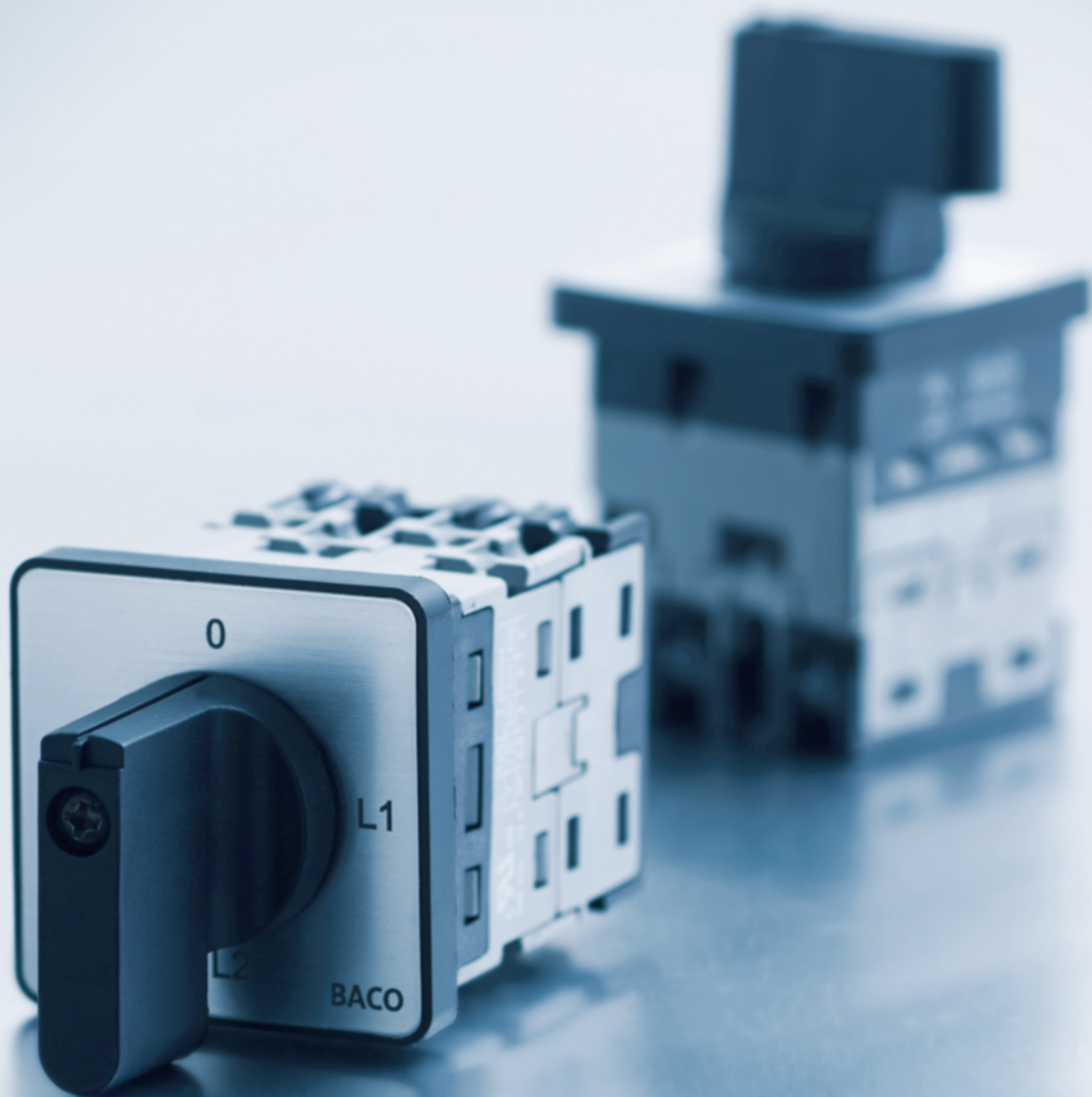




► **PR ONE CAM SWITCH SERIES**
Ready switch configurations matching your requirements



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Automatic Systems
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OUR COMMITMENT MAKES THE DIFFERENCE ►

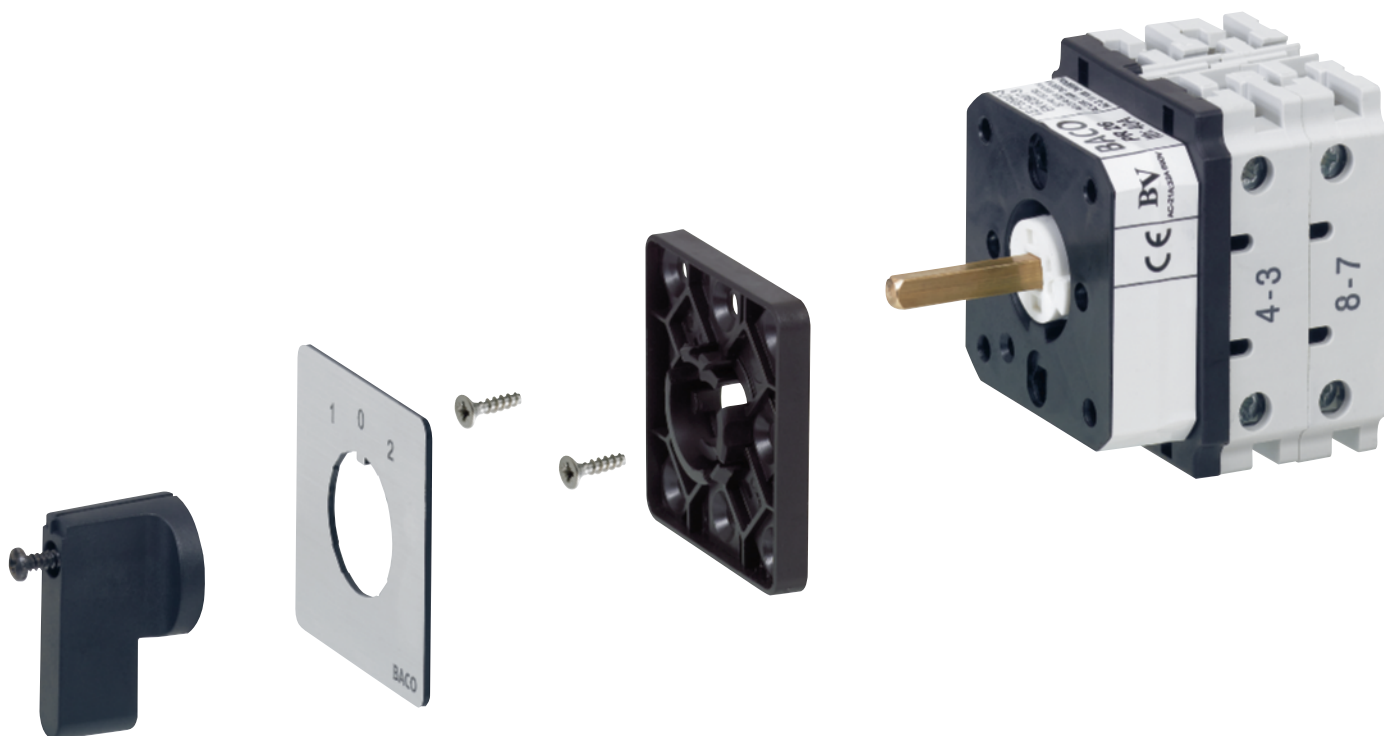
BACO®

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 IP 2X		
	Rear			

► 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



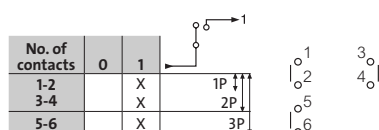
Dimensions (p. 7)

► 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



227603



2-screw panel mount - Interval : 30 mm

Cat.No.

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



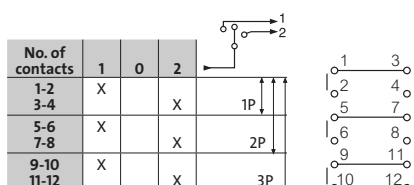
227606
227608

► 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



227609



2-screw panel mount - Interval : 30 mm

Cat.No.

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

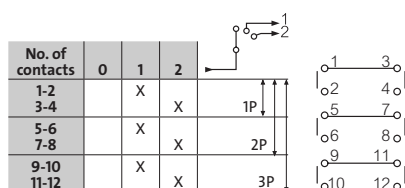
2-WAY SWITCHES WITH OFF

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

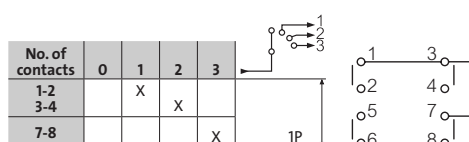
3-WAY SWITCHES WITH OFF

2-screw panel mount - Interval : 30 mm

Cat.No.



227621



16 A
1P-3 contacts



227621

25 A
1P-3 contacts

227627

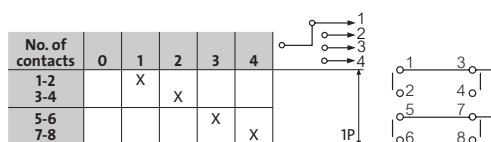
4-WAY SWITCH WITH OFF

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

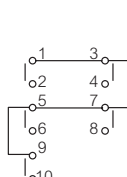
2-screw panel mount - Interval : 30 mm

Cat.No.



227623

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

► 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

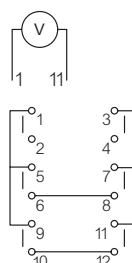
2-screw panel mount - Interval : 30 mm

Cat.No.



227636

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



16 A
6 contacts



227636

AMMETER SWITCH, 3 CTS WITH COMMON POINT

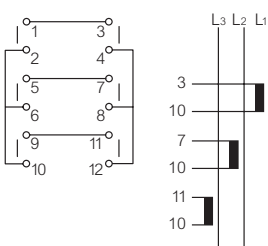
2-screw panel mount - Interval : 30 mm

Cat.No.



227637

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



16 A
6 contacts



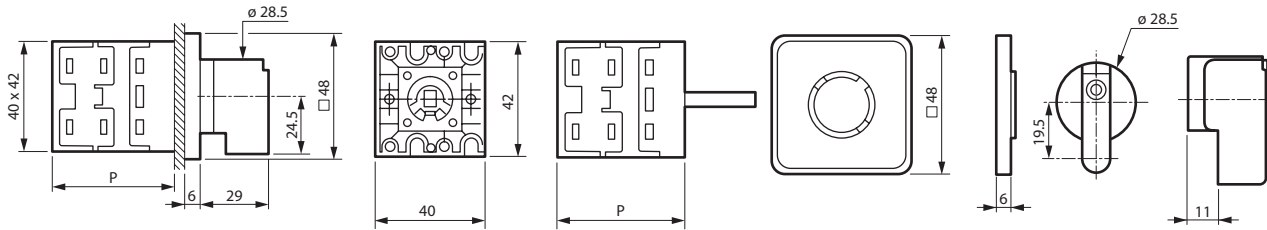
227637

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

PR ONE cam switches

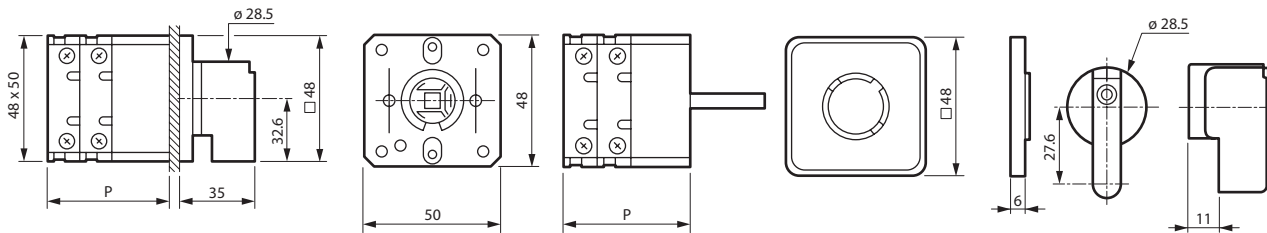
► DIMENSIONS

PR One 16 A (ie)



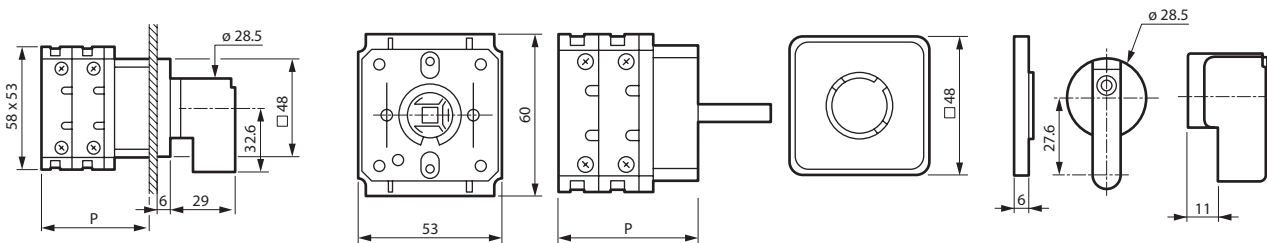
Dimensions in mm
 *P : 36 (1-2 contacts)
 46 (3-4 contacts)
 56 (5-6 contacts)

PR One 25 A (ie)



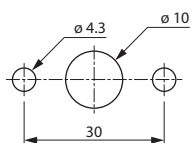
Dimensions in mm
 *P : 33 (1-2 contacts)
 45 (3-4 contacts)
 57 (5-6 contacts)

PR One 32 A (ie)



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

► Panel Cut-out





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