



► PR ONE CAM SWITCH SERIES

A selection of standard switch configurations
ready for your requirements

PR ONE CAM SWITCH SERIES

A selection of standard switch functions pre-configured for fast and reliable solutions to be achieved quickly



PR12-ONE



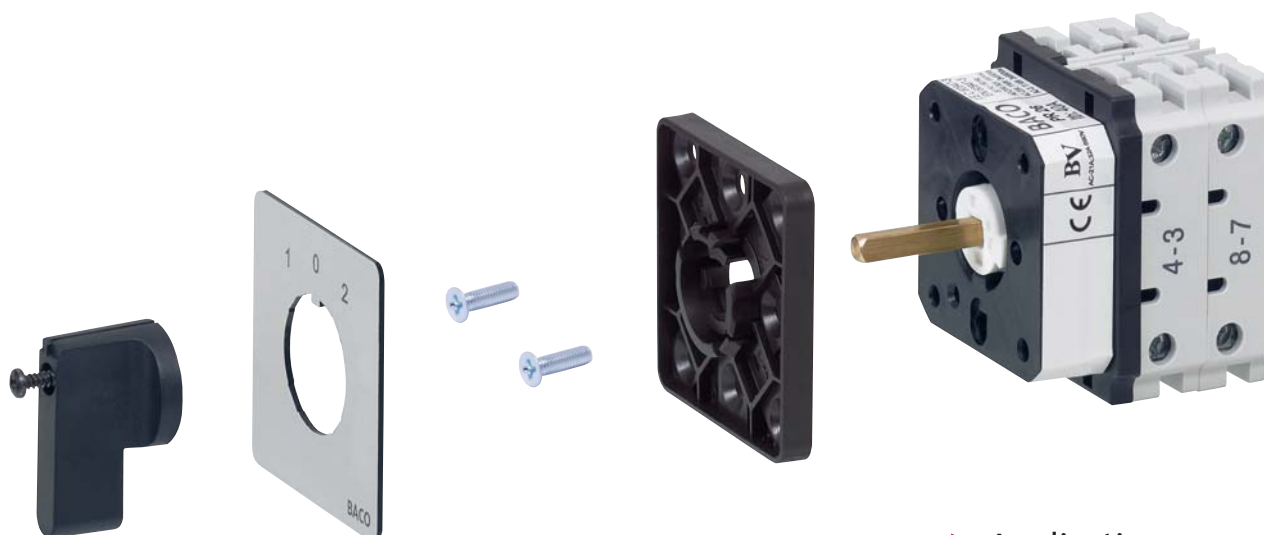
PR21-ONE



PR26-ONE

► Design and Functions

- Manually operated control switches
- 45° switching angle· Forced opened contacts
- Finger protected (degree of protection up to IP 20)
- Short-circuit rated
- Terminal screws in open position
- Switching capacity Ie (A) : 12 A, 20 A and 25 A - UL508
- Switching capacity Ie (A) : 16 A, 25 A and 32 A - AC21
- Front presentation : aluminum plate with black handle with index
- Laser marking on legend plate-Front degree of protection IP 40
- 2-screw panel mount - interval 30 mm



► Applications

- On-Off Switches
- Changeover Switches
- Multi-step Selector Switches
- Instrument Switches

► Technical Specifications

Electrical Characteristics - UL/CSA	PR12-ONE	PR21-ONE	PR26-ONE
► UL/CSA GENERAL USE (600 V)	12 A	20 A	25 A
1 PHASE 110/120 VAC	0.5 HP	1.5 HP	2 HP
3 PHASE 220/240 VAC	3 HP	5 HP	7.5 HP
440/480 VAC	5 HP	10 HP	15 HP
550/600 VAC	3 HP	15 HP	20 HP
UL 508 RECOGNIZED	YES	YES	YES
CSA CERTIFIED	YES	YES	YES
► Maximum wire size (AWG)			
- rigid	10	8/10 ⁽¹⁾	8
- flexible	14	12	8
		(1): terminals with jumpers	
Electrical Characteristics - IEC	PR12-ONE	PR21-ONE	PR26-ONE
► Thermal current AC-20 Ith I_c(A)	20	32	40
► Rated operating current AC-21 A I_e(A) Switching of resistive loads including moderate overloads	16	25	32
► Rated operating current AC-15 A I_e(A) Control of electromagnetic loads	6	10	12
► Performance in AC 23 (kW) Switching of motors or other highly inductive loads			
- 3 x 230 V	4	7.5	11
- 3 x 400 V	7.5	11	11
► Performance in AC 3 (kW) Control of squirrel-cage motors starting and switching off motors while running			
- 3 x 230 V	3	4	5.5
- 3 x 400 V	4	7.5	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 (mm² rigid/flexible)	4/2.5	6/4	6/6
► Mechanical durability (number of operations)	800,000 (max. rate 150 per hour)		
► Operating temperature limits	- 20°C to + 70°C (- 4°F to + 158°F)		
► Degree of protection	Front IP40, Rear IP20		

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 in position 1

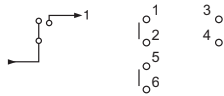
ON/OFF SWITCHES

Part Number



227603

No. of contacts	0	1	
1-2		X	1P
3-4		X	2P
5-6		X	3P



12 A

1 Pole - 1 Contact
2 Poles - 2 Contacts
3 Poles - 3 Contacts



227600
227601
227602

20 A

1 Pole - 1 Contact
2 Poles - 2 Contacts
3 Poles - 3 Contacts



227603
227604
227605

25 A

1 Pole - 1 Contact
3 Poles - 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

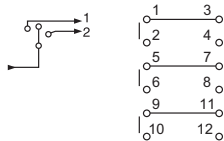
CHANGE-OVER SWITCHES

Part Number



227609

No. contacts	1	0	2	
1-2	X			1P
3-4			X	
5-6	X			2P
7-8			X	
9-10	X			3P
11-12			X	



12 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227609
227610
227611

20 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227612
227613
227614

25 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227615
227616
227617

PR ONE CAM SWITCHES

 Dimensions (p. 7)

▶ SELECTOR SWITCHES

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

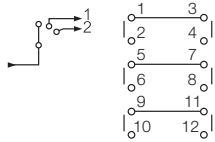
2-WAY SWITCHES WITH OFF

Part Number



227630

No. contacts	0	1	2	
1-2		X		1P
3-4			X	
5-6		X		2P
7-8			X	
9-10		X		3P
11-12			X	



12 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227618
227619
227620

20 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227624
227625
227626

25 A

1 Pole - 2 Contacts
2 Poles - 4 Contacts
3 Poles - 6 Contacts



227630
227631
227632

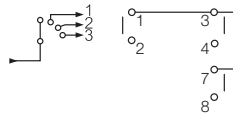
3-WAY SWITCHES WITH OFF

Part Number



227621

No. of contacts	Positions				
	0	1	2	3	
1-2		X			1P
3-4			X		
7-8				X	



12 A

1 Pole - 3 Contacts



227621

20 A

1 Pole - 3 Contacts



227627

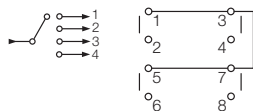
4-WAY SWITCH WITH OFF

Part Number



227622

No. of contacts	Positions					
	0	1	2	3	4	
1-2		X				1P
3-4			X			
5-6				X		
7-8					X	



12 A

1 Pole - 4 Contacts



227622

PR ONE CAM SWITCHES

 Dimensions (p. 7)

▶ SELECTOR SWITCHES (CONTINUED)

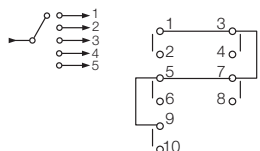
5-WAY SWITCHES WITH OFF

Part Number



227623

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



12 A
1 Pole - 5 Contacts



227623

20 A
1 Pole - 5 Contacts



227629

▶ INSTRUMENT SWITCHES

For voltmeters wired into 3-phase networks with neutral.

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

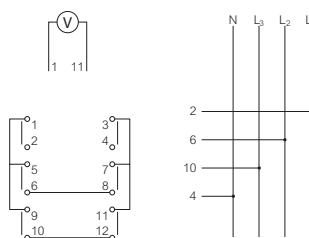
VOLTMETER SWITCH, WITH NEUTRAL

Part Number



227636

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



12 A
6 Contacts



227636

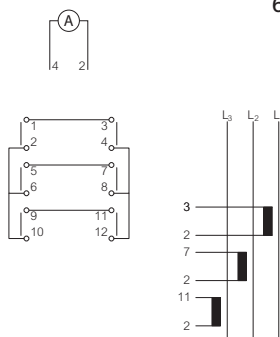
AMMETER SWITCH, 3 CTS WITH COMMON POINT

Part Number



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		X	
11 - 12			X	X



12 A
6 Contacts

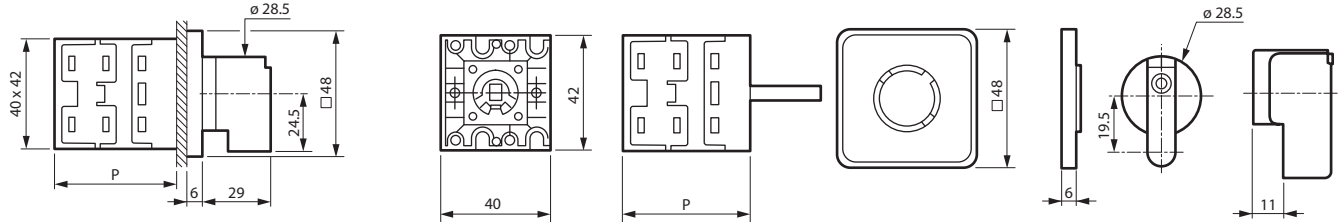


227637

PR ONE CAM SWITCHES

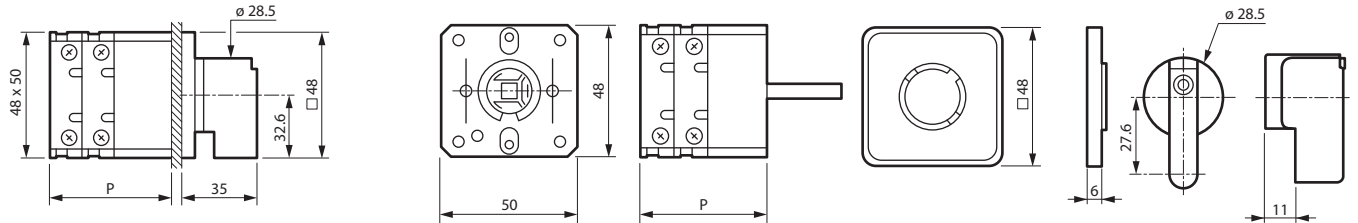
► DIMENSIONS

PR12-ONE (12A)



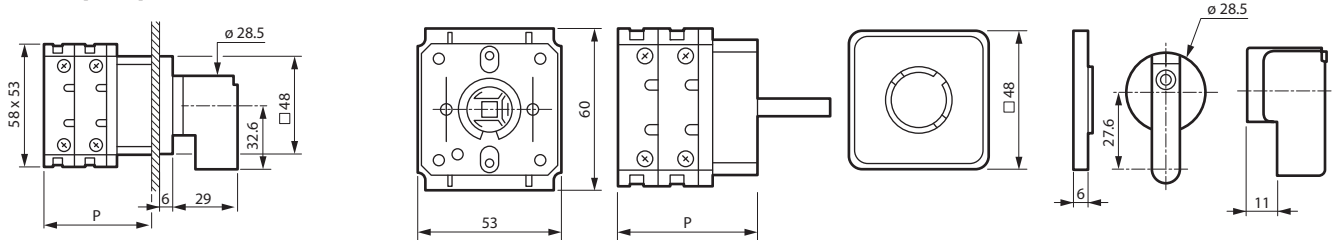
Dimensions in mm
 *P: 36 (1-2 contacts)
 46 (3-4 contacts)
 56 (5-6 contacts)

PR21-ONE (20A)



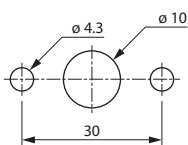
Dimensions in mm
 *P: 33 (1-2 contacts)
 45 (3-4 contacts)
 57 (5-6 contacts)

PR26-ONE (25A)



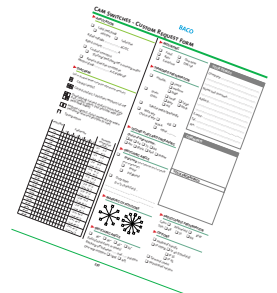
Dimensions in mm
 *P: 36 (1-2 contacts)
 51 (3-4 contacts)
 66 (5-6 contacts)

► PANEL CUT-OUT



► CUSTOM SWITCHES

Baco's cam switch technology allows us to build switching solutions up to 48 poles. Other switching configurations and mountings are available. Please contact us for details.



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