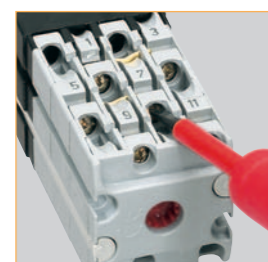


Maximum performance from minimum size



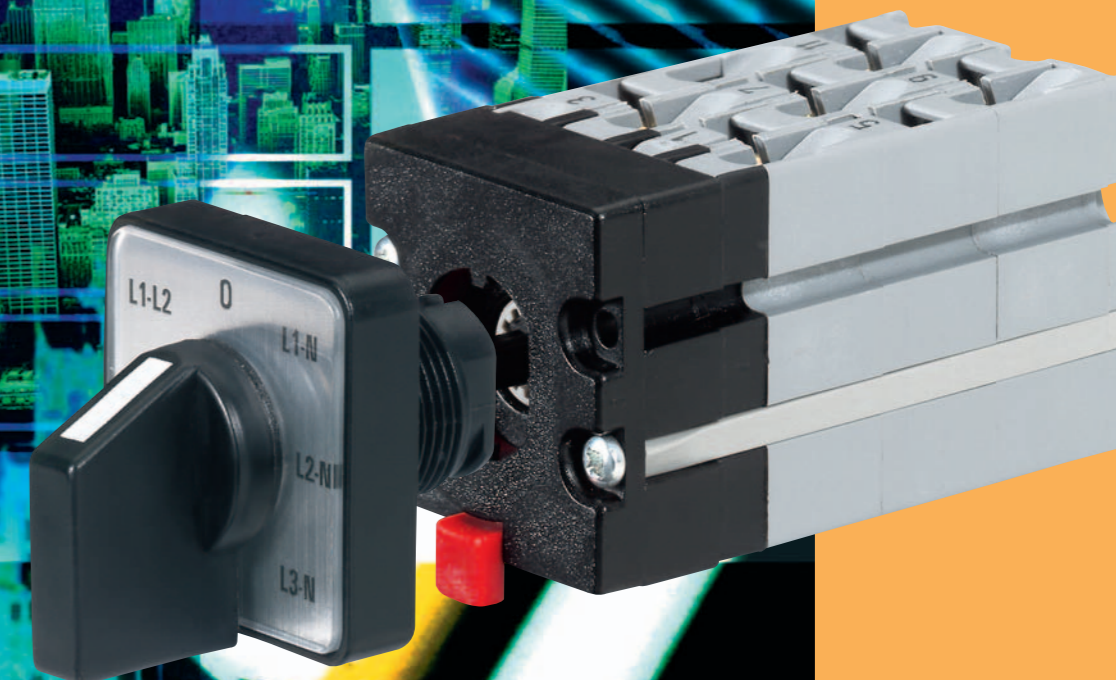
- > Compact size
- > Breaking capacity up to 10 A
- > Quick and easy assembly
- > Reversible locking ring enables use of 2 different cut-out diameters (16 or 22 mm)
- > Anti-rotation locating pin



- > IP 65 protection assured by silicone seal
- > Captive screw terminals tilted at 45° (for ease of access by screwdriver)
- > Coloured index indicating the handle position
- > Protected indelible label marking easy to read

MINI-CAM SWITCHES

Maximum performance from minimum size





Used to select and change the status of electrical circuits in which it is inserted, and to display the equipment status according to the position of the handle

Mounting in single hole Ø 16 mm or Ø 22 mm

Positive opening contacts and double breaking of poles

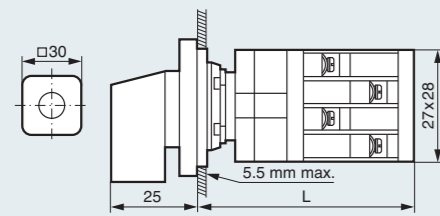
Compact size saves space in installations

Conforming to standard IEC EN 60947-3 UL-CSA approved (USA - Canada) IP 65 and IP 2x

Electrical characteristics

Thermal rating I + h (A)	10 A
Rated operating current Ie in AC21A	10 A
Rated operating current Ie in AC15	2.5 A
Motor performance in AC3 (KW): - 3 phases - 3 x 230 V = 3 x 400 V =	1.8 KW 2.2 KW
Motor performance in AC23 (KW): - 1 phase - 230 V = 400 V = - 3 phases - 3 x 230 V = 3 x 400 V =	0.75 KW 1.1 KW 1.8 KW 3 KW
Max. rated operating voltage in Ui (V)	500 V
Rated operating current in DCI L/R time constant < 1 ms	
	24 V 40 V 60 V 110 V 220 V 10 A 6 A 2.5 A 0.7 A 0.3 A
Rated short-circuit current	3 KA
Max. fuse rating:	10 A
Degree of protection:	IP 65 IP 2 x (at the back of the panel)
Flexible or rigid conductor cross-section =	2 x 1.5 mm ² max 2 x 0.5 mm ² min.
Operating temperature:	- 20°C to + 50°C
Reference standards: IEC/EN 60947-1, IEC/EN 60947-3, IEC/EN 60947-5-1, UL 508	

Dimensions

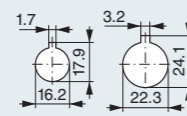


No. of contacts	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10
L	50	62	74	86	95

Panel thickness: 1 to 5.5 mm

Panel cut-outs

Ø 16 mm and Ø 22 mm



> On-Off Switches

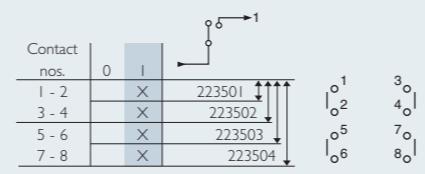


2235 04

Pack	Cat. No	On-Off Switches	No. of contacts
I	2235 01	1 pole	1
I	2235 02	2 poles	2
I	2235 03	3 poles	3
I	2235 04	4 poles	4



Diagrams - connection terminals



> Changeover switches

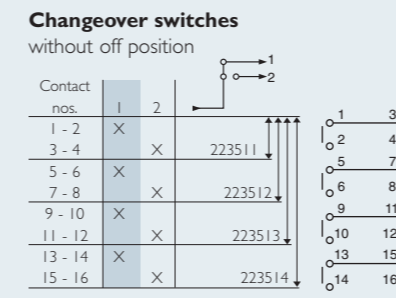
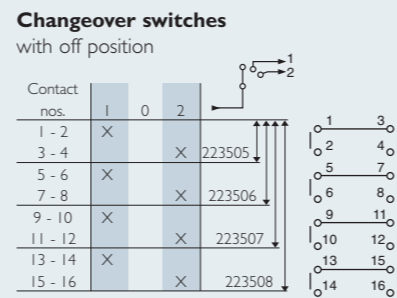


2235 05

Pack	Cat. No	Changeover switches	No. of contacts
With off position			
I	2235 05	1 pole	2
I	2235 06	2 poles	4
I	2235 07	3 poles	6
I	2235 08	4 poles	8
Without off position			
I	2235 11	1 pole	2
I	2235 12	2 poles	4
I	2235 13	3 poles	6
I	2235 14	4 poles	8



Diagrams - connection terminals



> Fixing tool

Pack	Cat. No	Fixing tool
I	2235 20	

> Selector switches



2235 21

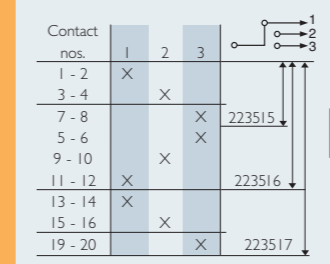
Pack	Cat. No	Selector switches	No. of contacts
3-way without off position			
I	2235 15	1 pole	3
I	2235 16	2 poles	6
I	2235 17	3 poles	9
3-way with off position			
I	2235 21	1 pole	3
I	2235 22	2 poles	6
I	2235 23	3 poles	9
4-way without off position			
I	2235 25	1 pole	4
I	2235 26	2 poles	8



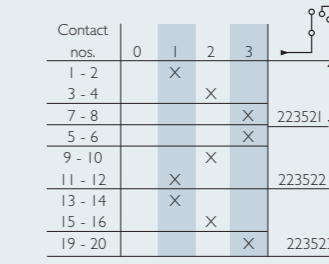
Diagrams - connection terminals

Selector switches

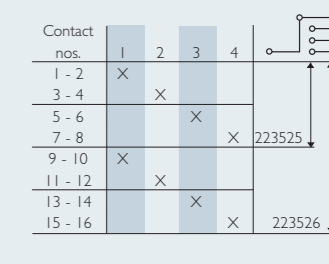
3-way without off position



3-way with off position



4-way without off position



> Instrument switches

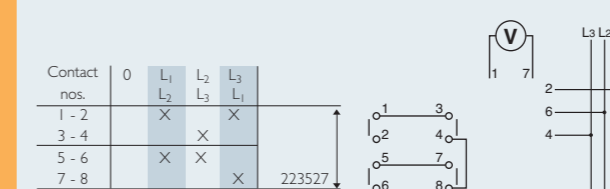


2235 28

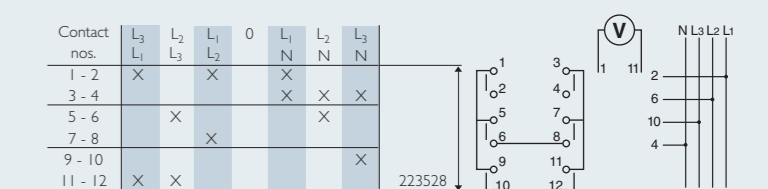
Pack	Cat. No	Instrument switches	No. of contacts
For voltmeter			
I	2235 27	1 3-phase supply without neutral	4
I	2235 28	1 3-phase supply with neutral	6
For ammeter			
I	2235 29	3-wire - 1 amp. 3 CTs with common point	6

Diagrams - connection terminals

Instrument switches for voltmeter without neutral



for voltmeter with neutral



for ammeter

