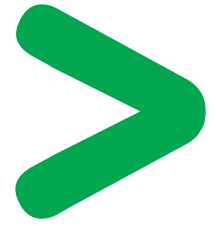


# Multi 9

## I 20, 32, 63, 100 and 125 A switches



These isolation switches are used in both the housing and tertiary sectors and for industrial utilities. They control on-load opening and closing of single-phase and three-phase loads up to 125 A, that are already protected by an overcurrent protection device.

### Operation

- > The I 20, 32, 63, 100 and 125 A switches combine the following functions:
  - control: on-load circuit opening and closing,
  - isolation with positive break indication.

### Advantages

- > Compliance with standards: EN 60669-1, IEC 669-1 for I 20 to 63 A; IEC 947-3 for I 63 to 125 A.
- > Suitable for isolation in accordance with industrial standards: IEC 60947-2
- > A clip-on auxiliary:
  - the NO/NC auxiliary, mounted to the left of the switch, indicates the «open» or «closed» position.
- > Rotary handle: front or lateral control.
- > Padlocking device:
  - locks the switch in the «open» position.
- > Sealable terminal shield: prevents access to the device terminals.
- > Sealable and dividable screw shield:
  - prevents all contact with the connection terminal screws.
- > Comb busbars: for simplified power supply.
- > Total compatibility with Prisma Plus Switchboards and PDL Superboards.



## The range

### Auxiliary



NO/NC



### Switches



1P

or



2P

or



3P

or



4P

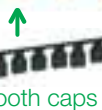
### Accessories



Insulated connector



Comb busbars



Tooth caps



Padlocking device



Rotary handle  
(Front or side mount)





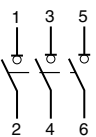
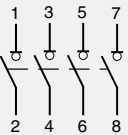
Sealable terminal shield



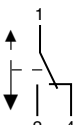
Sealable screw shield

# Choice tables

## Switches

Type	Width in mod. of 9 mm	Voltage (V AC)	Rating (A)	Cat. no.
1P 	2	250	20	15005
			32	15009
			63	15013
			100	15090
			125	15057
2P 	4	415	20	15016
			32	15010
			63	15014
			100	15091
			125	15058
3P 	6	415	32	15011
			63	15015
			100	15092
			125	15059
4P 	8	415	63	15016
			100	15093
			125	15060

## Auxiliary

Type	Width in mod. of 9 mm	Cat. no.
NO/NC auxiliary contact 	2	15096

## Accessories

Type		Cat. no.
padlocking device	bag with 2 parts	26970
screw shield	bag with 2 parts	26981
sealable terminal shield	1P	26975
	2P	26976
	3P	26975 + 26976
	4P	26978

# Environment

- > Tropicalisation: treatment 2 (relative humidity: 95% at 55°C).
- > Degree of protection:
  - front face: IP 40,
  - terminals: IP 20.
- > Operating temperature: -20°C to +60°C.
- > Storage temperature: -40°C to +100°C.

Owing to changes in standards and equipment, the characteristics given in the text and images in this document are not binding until they have been confirmed with us.

## Schneider Electric New Zealand Ltd

Customer Care Freecall 0800 652 999

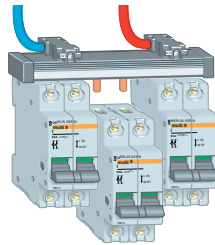
www.schneider-electric.co.nz

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# Implementation

- > Designed for installation in all modular enclosures and electrical switchboards.
- > Easy mounting on symmetrical rail with bistable lock.
- > Easy connection using serrated tunnel terminals with guard.
- > Captive screws with mixed +/- imprint.
- > Simplified combination of switch with auxiliary using clips.
- > Use of comb busbars for simplified switch connection.

## Upstream connection via comb busbar



# Technical data

## Electrical data

- > Frequency: 50/60 Hz.
- > Isolation with positive break indication.
- > Electrical durability (AC22,  $\cos \varphi = 0.6$ ):
  - ≤63 A ratings: 20,000 operating cycles,
  - 100 A rating: 10,000 operating cycles,
  - 125 A rating: 2,500 operating cycles.
- > Short-circuit withstand: 20 x I<sub>n</sub> (1 sec).
- > Insulation voltage: 500 V AC.
- > Impulse voltage: 6 kV.

## NO/NC auxiliary:

- > Contact breaking capacity:
  - 3 A at 400 V AC,
  - 6 A at 230 V AC.

## Comb busbars:

- > Acceptable current
  - 80 A with one supply point,
  - 100 A with two supply points.

# Mechanical data

- > Connection by tunnel terminals for:
  - 20A switch:
    - flexible cable: 16 mm<sup>2</sup>,
    - rigid cable: 25 mm<sup>2</sup>,
  - 32 to 125 A switch:
    - flexible cable: 35 mm<sup>2</sup>,
    - rigid cable: 50 mm<sup>2</sup>.
  - Screw type: Pozidrive No.2.
  - NO/NC Auxiliary
    - flexible/rigid cable: 10 mm<sup>2</sup>.
- > Mechanical durability: 50,000 operating cycles.

# Choice tables

## Accessories

Type		Cat. no.
comb busbars	1P	14881
	2P	14882
	3P	14883
	4P	14884
	connector	14885