

DS Disconnect switches range

Bremas disconnect switches range is designed for safety operations even under load. **DS disconnect switches** series ensure high performance in small spaces and are suitable both for switching resistive loads and inductive loads or motors. In only two sizes are available current rating from 20A to 100A.

■ 20-32-40A

- Rated current: 20A - 32A - 40A
- Rated insulation voltage 800V
- Protection degree IP20
- Rear mounting or Base mounting
- Padlockable handles and knobs

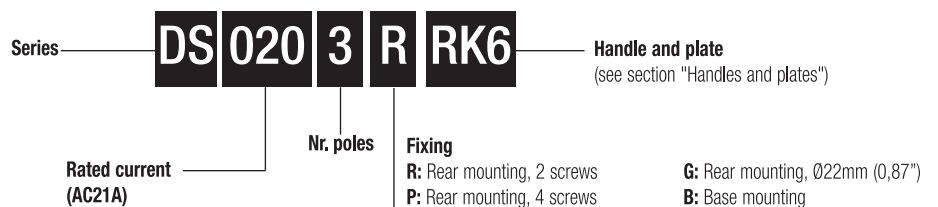


■ 50-63-80-100A

- Rated current: 50A - 63A - 80A - 100A
- Rated insulation voltage 690V
- Protection degree IP20
- Rear mounting or Base mounting
- Padlockable handles and knobs



Code structure



Range

The DS disconnect switches series are characterized by high performance and are suitable for installation in distribution circuits and power engines, in distribution boards or directly on the machine, with alternate current rating from 20 up to 100A.



20-32-40A



50-63-80-100A

Dimensions

The **DS series** has the most compact dimensions on the market that provide installation in reduced spaces also thanks to the many handles with IP66 protection degree.



20-32-40A



50-63-80-100A

Fixing types

It is possible to choose between different fixing types according to the needs:

■ Rear mounting

- 2 holes with vertical interaxis 28mm (1.10")
- 4 holes with interaxis 36mm / 48mm (1.42"/1.89")
- Single hole \varnothing 22 mm (0.87") holes with fixing nut

■ Base mounting with control shaft

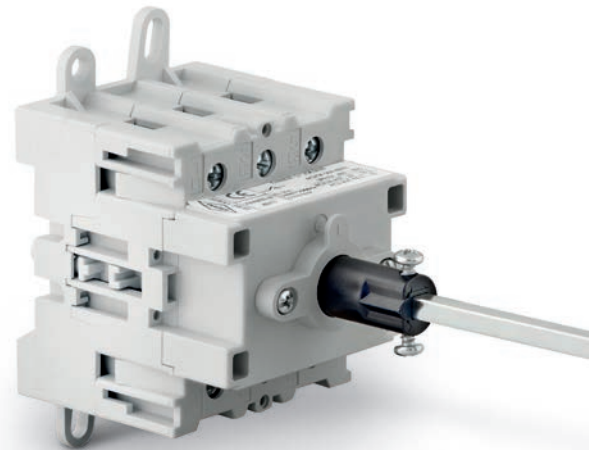
- Snap mount on DIN rail
- 2 screws
- Plate fixed on panel with 2 or 4 screws or with single hole \varnothing 22mm (0.87") with fixing nut

■ Base mounting direct operation (with handle)

■ Base mounting for panel board - DDN



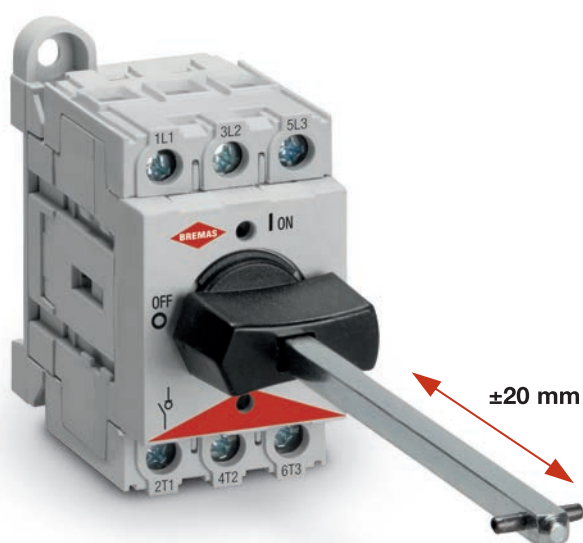
DDN version



Base mounting version

Adjustable depth for the control shaft

The base mounting version of the **DS** includes an ergonomic handle for direct command of the switch; the handle also incorporates a housing for the shaft with a fixing screw. The height of the shaft can be adjusted within an excursion of 20mm, therefore the need of cutting the shaft can be reduced. Base mounting switches are provided with 175mm. shaft.



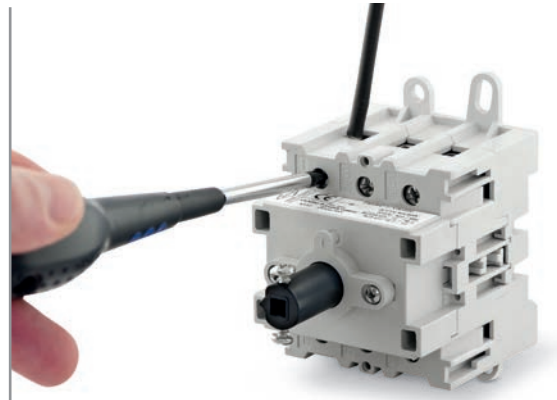
Easy to wire

The terminals access depending on the fixing option:

- Rear mounting: rear access to terminals.
- Base mounting: front access to terminals.



Rear mounting version



Base mounting version

And also:

- The clamps are provided in open position and equipped with captive plus-minus screws.
- Protection against direct contacts assured even when the panel is opened.

Equipment

The DS disconnect switches series can be equipped with 2 additional poles and/or 2 auxiliary contact (max 1 per side).



Plates and knobs for every application

A complete IP66 range

All the most common plates and knobs are available, for base and rear mounting, with or without padlocking. For all these plates and knobs the IP66 degree of protection is guaranteed, allowing the installation even in difficult environments.



Safety for the operator

The base mounting plates and knobs are provided with door interlock mechanism in "I/ON" position to avoid door opening when the board is connected to the supply.



