

CLOPAL®

General

As the main switch in the combination of electrical terminal apparatus, DL isolator is suitable for circuit of AC 50Hz, rated voltage 230V/400V, rated current up to 125A for isolating, it also can be used for infrequent on-and-off circuit, and is widely used in industry, mine, high-building, commerce and household and so on.

- ◆In conformity to IEC/EN60947-3
- ◆Double-point direct-moving structure
- ◆With indicator function in the contact position
- ◆Bilateral busbar wiring capabilities to adapt to the wider use of premises
- ◆Maximum connecting ability of 35/50mm², wiring torque 3.4 N·m, applicable to a variety of installing equipments, wiring stronger
- ◆Protection class: IP20

Technical Data

Electrical features

Rated current In	63-125A
Poles	1P 2P 3P 4P
Rated voltage Ue	1P:230/400V~ 2P,3P,4P:400V~
Insulation voltage Ui	500V
Rated frequency	50/60Hz
Rated short-time withstand current Icw	12Ie 1s
Rated making and breaking capacity	3Ie, 1.05Ue, cos φ=0.65
Rated short circuit making capacity	20Ie, t=0.1s
Utilization category	AC-22A
Rated impulse withstand voltage(1.2/50)Uimp	6000V
Dielectric test voltage at and ind.Freq.for 1min	2.5kV
Electrical life	1500
Mechanical life	8500
Pollution degree	2

Installation

Protection degree	IP20
Ambient temperature(with daily average≤35℃)	-5~+40℃
Storage temperature	-25~+70℃
Terminal connection type	Cable/U-type busbar/Pin -type busbar
Terminal size top/bottom for cable	50mm ² 18-1/0
Terminal size top/bottom for busbar	50mm ² 18-1/0
Tightening torque	3.5N·m 22
Connection	From top and bottom