

Modular Controlling Switches

Isolator

Isolator RND1-100



Rated Current In(A)

Type Designation

Article Number

1MU

25	RND1-100S25	D1S01
40	RND1-100S40	D1S02
63	RND1-100S63	D1S03
80	RND1-100S80	D1S04
100	RND1-100S100	D1S05



2MU

25	RND1-100D25	D1D01
40	RND1-100D40	D1D02
63	RND1-100D63	D1D03
80	RND1-100D80	D1D04
100	RND1-100D100	D1D05



3MU

25	RND1-100T25	D1T01
40	RND1-100T40	D1T02
63	RND1-100T63	D1T03
80	RND1-100T80	D1T04
100	RND1-100T100	D1T05



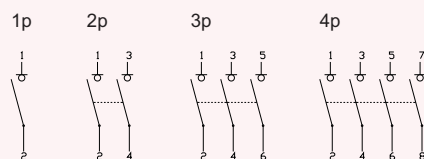
4MU

25	RND1-100F25	D1F01
40	RND1-100F40	D1F02
63	RND1-100F63	D1F03
80	RND1-100F80	D1F04
100	RND1-100F100	D1F05

Main Load Disconnecter Switch(Isolator) RND1-100

- Load circuit breaker with isolating function
- Design according to IEC/EN 60947-3
- Highly wear resistant contacts
- Terminal capacity up to 50 mm²
- Rated current is available up to 100A

Connection Diagrams



Electrical

Design according to	IEC/EN 60947-3
Rated voltage	240/415V
Frequency	50/60 Hz
Rated insulation voltage Ui	660 V~
Rated peak withstand voltage Uimp	6 kV
Pollution degree	3
Rated short-time withstand current Icw	2 kA
Rated short-circuit making capacity Icm	2 kA
Number of poles	1-4P
Short circuit strength with back-up fuse acc.to the applicable rules	
IEC/EN 60947-3	10kA
Endurance	
Electrical comp.op.cycles	≥3,000
Mechanical comp.op.cycles	≥16,000

Mechanical

Frame size	45 mm
Device height	76mm
Device width	18mm/pole(1MU)
Mounting	quick fastening DIN rail IEC/EN 60715
Degree of protection, built-in	IP40
Terminal protection	finger and hand touch safe
Terminals	Twin-purpose terminals
Terminal capacity	rigid conductor up to 50 mm ²
Busbar thickness	0.8-2.5 mm
Fastening torque of	
Terminal screws	2.5 Nm
Function	irrespective of the position of installation

Dimensions(mm)

