

# High Current Panel and Rack Mount Magnetic Circuit Breakers

The NDB3-100 series is a panel or rack mount circuit breaker family. The robust line can be screw, snap-in or plug mounted. The NDB3-100 is available in one; two or three pole, 1 to 100 amps, and with short, medium and long delay AC or DC trip curves. The easy to read printing can be specified in either the vertical or the horizontal position.



One Pole



Two Pole



Three Pole

## Features:

- UL489
- AC and DC operation
- Screw, snap-in or plug mounted
- 1 to 100 amp ratings
- ROHS Compliant
- Easy to read printing

## Provide protection for:

- Telecommunications
- Railway locomotive
- Medical Equipment
- UPS Equipment

## DC Medium Delay Trip Curve

Rated Current (Amps)	One Pole	Two Pole	Three Pole
1	NDB3-100Z41-1LSS1A0K	NDB3-100Z41-2LSS1A0K	NDB3-100Z41-3LSS1A0K
2	NDB3-100Z42-1LSS1A0K	NDB3-100Z42-2LSS1A0K	NDB3-100Z42-3LSS1A0K
3	NDB3-100Z43-1LSS1A0K	NDB3-100Z43-2LSS1A0K	NDB3-100Z43-3LSS1A0K
4	NDB3-100Z44-1LSS1A0K	NDB3-100Z44-2LSS1A0K	NDB3-100Z44-3LSS1A0K
5	NDB3-100Z45-1LSS1A0K	NDB3-100Z45-2LSS1A0K	NDB3-100Z45-3LSS1A0K
6	NDB3-100Z46-1LSS1A0K	NDB3-100Z46-2LSS1A0K	NDB3-100Z46-3LSS1A0K
8	NDB3-100Z48-1LSS1A0K	NDB3-100Z48-2LSS1A0K	NDB3-100Z48-3LSS1A0K
10	NDB3-100Z410-1LSS1A0K	NDB3-100Z410-2LSS1A0K	NDB3-100Z410-3LSS1A0K
12	NDB3-100Z412-1LSS1A0K	NDB3-100Z412-2LSS1A0K	NDB3-100Z412-3LSS1A0K
15	NDB3-100Z415-1LSS1A0K	NDB3-100Z415-2LSS1A0K	NDB3-100Z415-3LSS1A0K
16	NDB3-100Z416-1LSS1A0K	NDB3-100Z416-2LSS1A0K	NDB3-100Z416-3LSS1A0K
20	NDB3-100Z420-1LSS1A0K	NDB3-100Z420-2LSS1A0K	NDB3-100Z420-3LSS1A0K
24	NDB3-100Z424-1LSS1A0K	NDB3-100Z424-2LSS1A0K	NDB3-100Z424-3LSS1A0K
25	NDB3-100Z425-1LSS1A0K	NDB3-100Z425-2LSS1A0K	NDB3-100Z425-3LSS1A0K
30	NDB3-100Z430-1LSS1A0K	NDB3-100Z430-2LSS1A0K	NDB3-100Z430-3LSS1A0K
35	NDB3-100Z435-1LSS1A0K	NDB3-100Z435-2LSS1A0K	NDB3-100Z435-3LSS1A0K
40	NDB3-100Z440-1LSS1A0K	NDB3-100Z440-2LSS1A0K	NDB3-100Z440-3LSS1A0K
45	NDB3-100Z445-1LSS1A0K	NDB3-100Z445-2LSS1A0K	NDB3-100Z445-3LSS1A0K
50	NDB3-100Z450-1LSS1A0K	NDB3-100Z450-2LSS1A0K	NDB3-100Z450-3LSS1A0K
60	NDB3-100Z460-1LSS1A0K	NDB3-100Z460-2LSS1A0K	NDB3-100Z460-3LSS1A0K
70	NDB3-100Z470-1LSS1A0K	NDB3-100Z470-2LSS1A0K	NDB3-100Z470-3LSS1A0K
80	NDB3-100Z480-1LSS1A0K	NDB3-100Z480-2LSS1A0K	NDB3-100Z480-3LSS1A0K
90	NDB3-100Z490-1LSS1A0K	NDB3-100Z490-2LSS1A0K	NDB3-100Z490-3LSS1A0K
100	NDB3-100Z4100-1LSS1A0K	NDB3-100Z4100-2LSS1A0K	NDB3-100Z4100-3LSS1A0K

## Specifications

Number of Poles: 1, 2 & 3  
 Rated Voltage: AC 230/400  
 DC 80  
 Min. Amp Rating: 1A  
 Max. Amp Rating: 100A  
 Interrupting Capacity: 4kA  
 Mechanical Life: 10,000 Operations  
 Operating Temp. Range: -40°C - 85°C  
 Agency Approvals: UL489, CE, TUV, ROHS

