



NDH Series Bus-bar

2019 Edition

Nader

1. Product Overview

						
Model	NDH1-63/100			NDH2-63/100		
Rated Working Current (A)	Teeth Space (mm)	Rated Current (A)	Working Voltage (V)	Teeth Space (mm)	Rated Current (A)	Working Voltage (V)
	18 x n	63A/100A	500V	18 x n	63A/100A	500V

2. Product Features

● Applicable Scope

NDH1/NDH2 Bus-bar are the modularized accessory of NDM1-63,NDB2-63 and NDG1. They can be used to do the same-phase connection among multiple MCB's input terminals and also can do the connection among the terminal electric equipments with same-phase as a standard accessory.

● Design Features

- ◆ Bus-bar comprises comb copper bar and insulated sheath.
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- ◆ Impacted structure and easy to use.

● Standard

- ◆ GB 14048.1 Low-voltage switchgear and controlgear Part 1: General rules
- ◆ IEC 60947-1 Low-voltage switchgear and controlgear-Part 1:General rules

3. Working Condition

● Applicable Condition

◆ Ambient Usage Temperature:

★ Ambient Usage Temperature: -25°C - $+55^{\circ}\text{C}$, the average temperature can't exceed $+35^{\circ}\text{C}$ within 24h. A negotiation should be started between customers and manufacturer when the ambient temperature is lower than -25°C .

★ Storage Temperature: -30°C ~ $+70^{\circ}\text{C}$

◆ Altitude

The altitude of the mounting site $\leq 2000\text{m}$

◆ Relative Usage Humidity and Relative Storage Humidity

The relative humidity shouldn't exceed 50% when the ambient air temperature is $+60$ degrees, higher humidity can be allowed in lower temperature. For example, the humidity can be 80% when the ambient temperature is $+30$ degrees. Necessary measures should be acted for the condensation produced by the changed temperature.

● Pollution Degree

2

● Protection Level

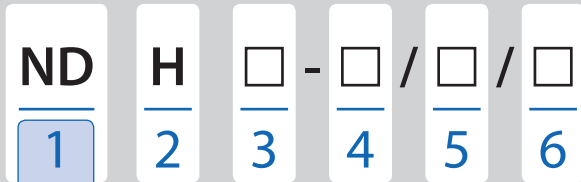
Level of Product Protection: IP20

● Environmental Requirement

Comply with RoHS

4. Product Technical Characteristic

4.1 Model and Implication



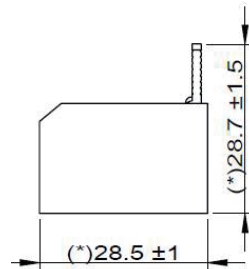
No.	Implication	NDH1	
1	Brand Code	ND: Nader	
2	Code	H: Bus-bar	
3	Design Code	1	2
4	Rated Current	63A, 100A	
5	Number of Poles	1, 2, 3	
6	Gang	1 - 60	

4.2 Technical Parameters

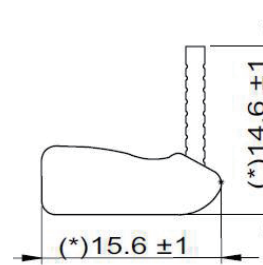
- ◆ Rated Insulated Voltage: 500V
- ◆ Applicable rated current: Up to 100A
- ◆ Conventional Thermal Current: 100A
- ◆ Withstand Voltage: 6KV
- ◆ Short-time Withstand Current: 25KA/0.5s
- ◆ Frequency Voltage: Withstand 2500V(AC50Hz)

5. Outline and Mounting Dimension

5.1 External Dimension



NDH1



NDH1

5.2 Bus-bar Length

- ◆ Classified by poles: 1P, 2P, 3P
- ◆ Classified by Length: The multiple of Length 18mm, such as: 5 times-90mm, 10 times-180mm or customized (the width between poles is 18mm), 60 times Max.
- ◆ Classified by Gang: Teeth quantity of every bus-bar, these teeth are used to connect the poles of MCB.

6. Ordering Types and Specifications (Tick ✓ in)

Customer		Ordering Quantity:	Ordering Date:
Frame Rating	<input type="checkbox"/> NDH1-63/100	<input type="checkbox"/> NDH2-63/100	
Number of Poles	<input type="checkbox"/> 1P <input type="checkbox"/> 2P <input type="checkbox"/> 3P	<input type="checkbox"/> 1P <input type="checkbox"/> 2P <input type="checkbox"/> 3P	
Gang	1~60		
Accessory (Option)	Connector (30008300)		