

Application

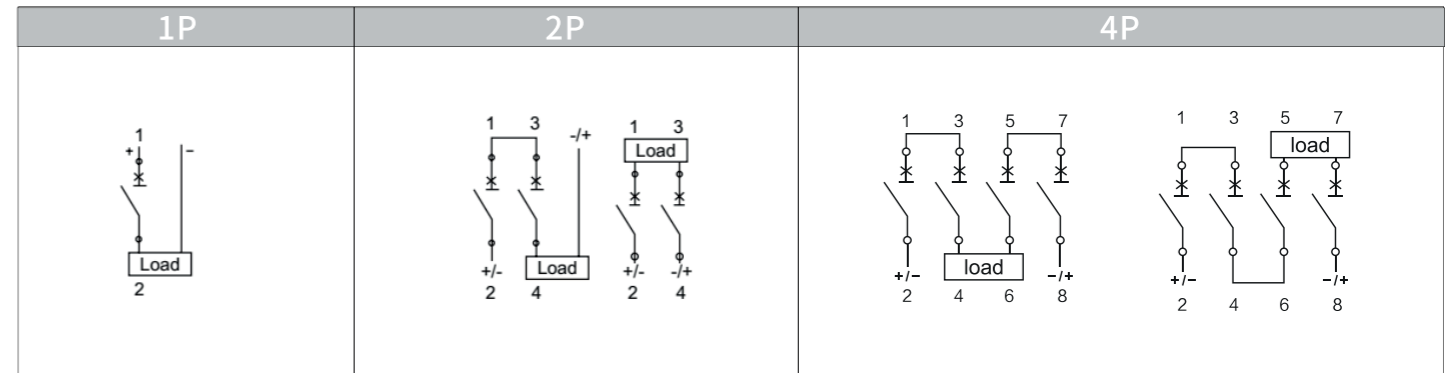
NBL7-63 DC MCB supplementary protectors are designed to provide over-current protection within appliances or electrical equipment, where a branch circuit protection is already provided or not required. Devices are designed for direct current (DC) control circuit applications.



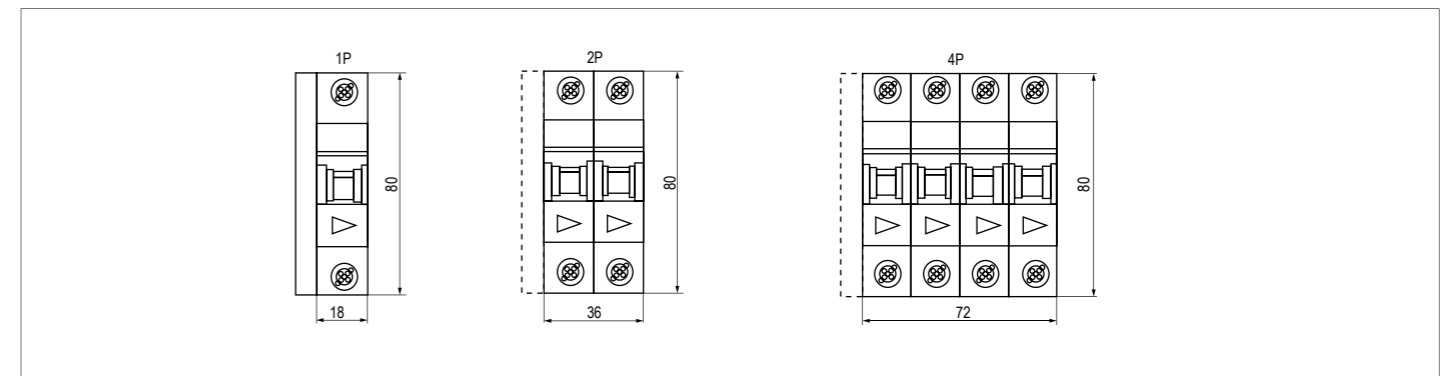
Specifications

| Product Model | NBL7-63 | | |
|---------------------------------|-------------------------|-------------------------------------|---------------|
| Pole | 1P | 2P | 4P |
| Frame Current | 63A | | |
| Rated Current | I_n | 6, 10, 16, 20, 25, 32, 40, 50, 63 A | |
| Rated Working Voltage | $U_e(\text{DC})$ | 300V | 500/600/1000V |
| Rated Insulation Voltage | U_i | 1200V | |
| Rated Impulse Withstand Voltage | U_{imp} | 6kV | |
| Breaking Capacity | I_{cu} | 10KA | |
| Tripping Characteristic | C | | |
| Tripping Type | Thermal Magnetic | | |
| Electrical Life | Actual | 500 Cycles(63A Frame) | |
| | Standard | 300 Cycles | |
| Mechanical Life | Actual | 10000 Cycles(63A Frame) | |
| | Standard | 9700 Cycles | |
| Overvoltage Category | III | | |
| Pollution Degree | 3 | | |
| Ingress Protection | IP40;Wiring Port IP20 | | |
| Resistance To Humidity And Heat | Class 2 | | |
| Terminal Capacity | 2.5 x 35mm ² | | |
| Fastening Torque Of Terminals | 2.0°C 3.5Nm | | |
| Ambient Temperature | -30°C ~ +70°C | | |
| Storage Temperature | -40°C ~ +85°C | | |
| Installation Method | DIN | | |
| Standard | IEC60947-2 | | |

Wiring diagram



Dimension



Tripping Characteristic

