



DATA SHEET FOR DOMESTIC MCBs TYPE B

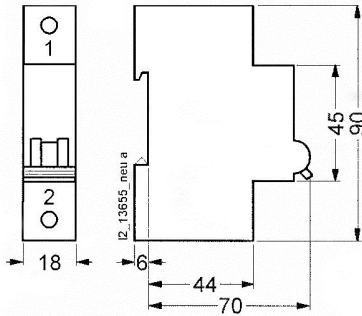
Catalogue Numbers: NHXLB06, NHXLB10, NHXLB16, NHXLB20, NHXLB25, NHXLB32, NHXLB40 and NHXLB50



Technical Specification

| | |
|---|---|
| Standards | BSEN 60 898-1 |
| Amperage | 6, 10, 16, 20, 25, 32, 40, 45, 50 |
| Tripping Characteristic | B (3 to 5, inrush current) |
| Rated Operational Voltage | 230 V AC 24 V AC (Min) |
| Rated Switching Capacity Icn acc. to IEC 60898-1 | 6kA |
| Insulation Coordination Rated Insulation Voltage | 250 V AC |
| Degree of Pollution for Overvoltage Category | 2/III |
| Handle End Position, Sealable | Yes |
| Degree of Protection | IP20 with connected conductors |
| CFC and Silicone Free | Yes |
| Mounting | Yes (Din rail mounted) |
| Terminal Torque | 2.5 – 3 Nm |
| Conductor Cross Sections | 0.75 – 25mm ² |
| Mains Connection | Any (Line and Load is marked on the device) |
| Mounting Position | Any |
| Service Life | 20000 |
| Ambient Temperature | -25 - +45°C |
| Storage Temperature | -40 - +75°C |
| Dissipation Power Loss (W) at AC | 2.6W |

Dimensional drawings



Zs Values

| | 6A | 10A | 16A | 20A | 25A | 32A | 40A | 50A |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| NHXL MCB | 7.28 Ω | 4.37 Ω | 2.73 Ω | 2.19 Ω | 1.75 Ω | 1.37 Ω | 1.09 Ω | 0.87 Ω |

Using a value for factor Cmin of 0.95



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