



Main

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| Range | ComPact |
| Range of product | ComPact NS630b...1600 |
| Device short name | Compact NS800LB |
| Product or component type | Basic frame |
| Device application | Distribution |
| Number of poles | 4P |
| Neutral position | Left |
| [In] rated current | 800 A at 50 °C |
| [Ue] rated operational voltage | 690 V AC 50/60 Hz |
| Network type | AC |
| Network frequency | 50/60 Hz |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Utilisation category | Category A |
| [Icu] rated ultimate short-circuit breaking capacity | 200 KA Icu at 220/240 V AC 50/60 Hz conforming to IEC 60947-2 200 KA Icu at 380/415 V AC 50/60 Hz conforming to IEC 60947-2 200 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 75 KA Icu at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 100 kA Icu at 500/525 V AC 50/60 Hz conforming to IEC 60947-2 |
| Performance level | LB 200 kA 415 V AC |
| Control type | Rotary handle Toggle |
| Mounting mode | Fixed |

Complementary

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| [Ui] rated insulation voltage | 800 V AC 50/60 Hz conforming to IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 8 kV conforming to IEC 60947-2 |
| [Ics] rated service short-circuit breaking capacity | 200 KA at 220/240 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) 200 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 200 KA at 380/415 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) 75 KA at 660/690 V AC 50/60 Hz conforming to IEC 60947-2 (manual operation) 100 kA at 500/525 V AC 50/60 Hz conforming to EN 60947-2 (manual operation) |
| Mechanical durability | 10000 cycles conforming to IEC 60947-2 |
| Electrical durability | 2000 Cycles 690 V In conforming to IEC 60947-2 3000 Cycles 440 V In conforming to IEC 60947-2 3000 Cycles 690 V In/2 conforming to IEC 60947-2 4000 cycles 440 V In/2 conforming to IEC 60947-2 |
| Power losses | 20 W |
| Mounting support | Backplate |
| Connection pitch | 70 mm |
| Protection type | Without protection |
| Height (H) | 327 mm |
| Width (W) | 280 mm |
| Depth (D) | 147 mm |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

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|---------------------------------------|------------------------------|
| Standards | IEC 60947-2 |
| Product certifications | ASTA LCIE ASEFA |
| Pollution degree | 3 conforming to IEC 60947 |
| IP degree of protection | IP40 conforming to IEC 60529 |
| IK degree of protection | IK07 conforming to EN 50102 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -50...85 °C |

Packing Units

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| Package 1 Weight | 1.000 kg |
| Package 1 Height | 0.500 dm |
| Package 1 width | 1.000 dm |
| Package 1 Length | 2.000 dm |

Offer Sustainability

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|----------------------------|--|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |

Contractual warranty

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| Warranty | 18 months |
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