

The Schneider Electric LV426100 is a circuit breaker from the ComPact NSXm E range, designed for protection and distribution applications. Here are the key details, compatible products, and additional information to help you integrate it into your RAG system:

Key Features:

- Rated Operational Voltage: 690 V AC, 50/60 Hz.
- Rated Current: 16 A at 40°C.
- Breaking Capacity:
  - 25 kA at 220-240 V AC
  - 16 kA at 380-415 V AC
  - 10 kA at 440 V AC
  - 8 kA at 500 V AC
- Trip Unit: Thermal-magnetic (TM-D) with LI protection functions (overload and short-circuit protection).
- Control Type: Toggle.
- Mounting: By screws or clip-on, suitable for DIN rail or plate mounting

Integration:

- Dimensions:
  - Width: 81 mm
  - Height: 137 mm
  - Depth: 80 mm

Connection Terminals:

- EverLink lug for 2.5-95 mm<sup>2</sup> rigid or stranded aluminium/copper
- EverLink lug for 2.5-70 mm<sup>2</sup> flexible copper

Environmental Conditions:

- Operating Temperature: -25°C to 70°C
- Storage Temperature: -40°C to 85°C
- Degree of Protection: IP20

#### Compatible Products:

- Auxiliaries:
- Auxiliary contacts (e.g., OF, SD)
- Alarm contacts (e.g., SDx)
- Shunt trips (e.g., MX)
- Undervoltage releases (e.g., MN)

#### Accessories:

- Terminal shields
- Interphase barriers
- Rear insulating screens
- Rotary handles (direct or extended)
- Padlocking devices