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 mm² rigid or stranded aluminium/copper

• EverLink lug for 2.5-70 mm² 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