

Siemens 8DJH RRL + L + LL — Medium-voltage switchgear

In-stock reference SG-8DJH-12 · Ex-stock · On request

Siemens 8DJH gas-insulated switchgear (blocks RRL + L + LL) from Protrafo stock, available directly. Values are taken from the three nameplates; panel widths, depth and circuit-breaker type come from Siemens catalogue HA 40.2.

TECHNICAL SPECIFICATION

Main nameplate

Type	Siemens 8DJH RRL + L + LL
Year of manufacture	2018
Rated voltage (Ur)	12 kV
Rated frequency (fr)	50 Hz
Lightning impulse withstand voltage (Up)	75 kV
Power-frequency withstand voltage (Ud)	28 kV
Rated current, busbar (Ir)	630 A
Short-time withstand current, busbar (Ik, tk)	20 kA / 1 s
Peak withstand current (Ip)	50 kA
Cable test voltage (U _{CT})	AC 19 kV · DC 38 kV
Internal arc classification	IAC A FL 20 kA, 1 s
Loss of service continuity	LSC2
Insulating gas	SF ₆ · 4,9 kg (2,2 + 0,9 + 1,8)
Rated filling pressure, absolute (pre)	150 kPa (20 °C)
Minimum functional pressure, absolute (pme)	130 kPa (20 °C)
Permissible ambient temperature	-25 °C ... +40 °C
Auxiliary voltage (Ua)	AC 230 V
Standard	IEC 62271-1/-100/-102/-200
Operating instructions (nameplate)	500-8120.9
Standard dimensions, W × D × H	2340 mm (1050 + 430 + 860) × 775 mm × 1200 / 1400 / 1700 mm

Width and depth from Siemens catalogue HA 40.2: ring cable panel 310 mm, circuit-breaker panel 430 mm, depth 775 mm (890 mm with pressure relief duct). The heights are the catalogue options without low-voltage compartment; the four circuit-breaker panels carry a low-voltage compartment on top. Not measured on this unit.

Price	On request
Condition	Used, in service 2018–2026
Warranty	None
Delivery	Directly from stock
Testing	On request

PANEL CONFIGURATION

Blocks and nameplates

8DJH RRL (K01 · K02 · K03)	07-2018 · CV 938490-000020/001 · SF6 2,2 kg
8DJH L (K03A)	10-2018 · CV 947793-000020/001 · SF6 0,9 kg
8DJH LL (K04 · K05)	07-2018 · CV 938490-000030/001 · SF6 1,8 kg

CONDITION

Condition and terms

- Built in 2018 (blocks dated 07-2018 and 10-2018) and in service from 2018 to 2026.
- Sold without warranty.
- Available directly from stock.
- Price on request.
- Testing on request.
- The ready-for-service indicators of all three blocks were green when photographed.
- Contains 4.9 kg of SF6 in total. Under the EU F-gas Regulation, installation and work on the gas system require certified personnel.

Supplied with the unit

- All Siemens test certificates (Prüfbescheinigungen)
- Operating levers
- SIPROTEC easy 7SJ45 manual

PANEL CONFIGURATION

R – R – L – L – L – L: two ring cable panels and four circuit-breaker panels

Values from the nameplates. The installation consists of three blocks, each with its own nameplate; panels with identical ratings are grouped. The circuit-breaker type comes from Siemens catalogue HA 40.2 and matches the operating sequence on the nameplate.

2 × Ring cable panel (R: K01, K02)

Switch-disconnector, rated current (Ir)	630 A
Switch-disconnector, classes	M1 (n = 1000) · E3 · C2
Disconnecter	M0 (n = 1000)
Earthing switch	M0 (n = 1000) · E2
Panel width (catalogue)	310 mm
Fitted equipment	LRM

4 × Circuit-breaker panel (L: K03, K03A, K04, K05)

Rated current (Ir)	630 A
Circuit-breaker type (catalogue)	2
Circuit-breaker, classes	M1 (n = 2000) · E2 · C1
Rated operating sequence	O – 3 min – CO – 3 min – CO
Disconnecter	M0 (n = 1000)
Earthing switch	M0 (n = 1000) · E2
Auxiliary voltage (Ua)	AC 230 V
Panel width (catalogue)	430 mm
Fitted equipment	Siemens SIPROTEC easy 7SJ45, LRM

DOCUMENTS

Datasheets and manufacturer documents

- Siemens catalogue 8DJH up to 24 kV:
https://cache.industry.siemens.com/dl/files/251/109972251/att_1289507/v1/HA_40-2_8DJH_EN_screen.pdf

Sold as seen, without warranty. Availability changes daily; confirm when you request a price. Testing on request.