

Siemens 8DJ20.10 — Ring main unit (RMU)

In-stock reference SG-8DJ20-12 · Ex-stock · On request

Used Siemens 8DJ20 ring main unit (scheme 10) from Protrafo stock. Values are taken from the nameplate of the unit; standard dimensions, weight and transformer-feeder data come from Siemens catalogue HA 45.31.

TECHNICAL SPECIFICATION

Main nameplate

Type	Siemens 8DJ20.10
Year of manufacture	2010
Serial number	CV 806756-000020/001
Rated voltage (Ur)	12 kV
Rated frequency (fr)	50/60 Hz
Lightning impulse withstand voltage (Up)	75 kV
Power-frequency withstand voltage (Ud)	28 kV
Short-time withstand current, main circuit (Ik, tk)	20 kA / 1 s
Peak withstand current (Ip)	50 kA
Short-circuit making current, main circuit (Ima)	50 kA
Internal arc classification	IAC A FL 20 kA, 1 s
Insulating gas	SF6 · max. 2,2 kg
Rated filling pressure, absolute (pre)	150 kPa (20 °C)
Permissible ambient temperature	-40 °C ... +70 °C
Mass (catalogue, depending on height)	280–340 kg
Standard	IEC 62271-200
Operating instructions (nameplate)	817-6637.0
Standard dimensions, W × D × H	1060 mm × 775 mm × 1200 / 1400 / 1760 mm

Width and depth for scheme 10 from Siemens catalogue HA 45.31; the height depends on the subframe and has not been measured on this unit. Above +40 °C Siemens specifies reduced rated currents.

Price	On request
Condition	Used, dismantled in working order
Warranty	None

CONDITION

Condition and terms

- Used switchgear, built in 2010.
- Dismantled in working order.
- Sold without warranty.
- Price on request.
- The ready-for-service indicator (gas density) showed green when photographed. According to Siemens, green means ready for service.
- Contains up to 2.2 kg of SF6. Under the EU F-gas Regulation, installation and work on the gas system require certified personnel.

PANEL CONFIGURATION

RK – RK – T: two ring cable feeders and one transformer feeder

Values from the nameplate, which lists the cable feeders and the transformer feeder separately. Rows marked "catalogue" come from Siemens catalogue HA 45.31 for 12 kV.

2 × Ring cable feeder (RK: Q1, Q2)

Switch-disconnector, rated current (Ir)	630 A
Load-breaking operations (n)	100
Earthing switch, class	M0, E3
Standards	IEC 60265-1 · IEC 62271-102
Fitted equipment	Horstmann ALPHA E, Horstmann HR-ST

Transformer feeder (T: Q3)

Switch-disconnector, rated current (Ir, depends on fuse-link)	200 A
Short-circuit making current (I _{ma} , catalogue)	25 kA
Fuse striker	IEC 60282-1, medium
Fuse-link dimensions (catalogue)	DIN 43625
Standards	IEC 62271-105 · IEC 62271-102

DOCUMENTS**Datasheets and manufacturer documents**

- Siemens catalogue 8DJ20 up to 24 kV: https://www.infrastructure-cities.siemens.com.cn/powerdistribution/DownloadCenter/upload/8DJ20%20Up%20to%2024kV_GIS_Catalogue_EN.pdf
- Siemens installation and operating instructions 8DJ10/8DJ20:
<https://www.infrastructure-cities.siemens.com.cn/powerdistribution/DownloadCenter/upload/20120710111246454.pdf>

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