Sui Southern Gas Company Limited
SSGC | Services Department

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MOLDED CASE CIRCUIT BREAKER 1000A 3P

TECHNICAL SPECIFICATIONS

Device	Molded Case Circuit Breaker (MCCB)
Rated Operational Current (*In*)	1000 A
Long-time protection pick-up adjustment range (Ir)	0.4...1 x In
Numbers of Pole	3-Pole
Mounting Type	Fixed Type
MicroLogic Unit	2
Rated Operational Voltage (Ue)	690VAC 50 Hz
Rated Insulation Voltage (Ui)	Minimum 800 VAC 50 Hz
Rated impulse withstand voltage (Uimp)	Minimum 8 kV
Breaking Capacity (*Icu*)	Minimum 50 kA at 415/440 V AC 50 Hz
Service Breaking Capacity (*Ics*)	100% of Icu
Rated Short-Time Withstand Current (Icw)	Minimum 19.2 kA for 1 second
Suitability for isolation	Yes
Utilisation Category	Category B
Trip Unit Technology	Microprocessor/Electronic Trip Unit
Mechanical durability	Minimum 10,000 cycles
Electrical durability	Minimum 5000 cycles at 440 V In
Protection Functions	Long-Time, Short-Time & Instantaneous (LI)
Adjustable Settings	Fully adjustable overload & short-time instantaneous protection
Operating Temperature	-5°C to 50°C
IP degree of protection	≥ IP40
Standards	EN/IEC 60947-2 or eqv.
Dimensions	Height: 327mm Width: 210 mm x Depth: 147 mm (± 10%)
Warranty	≥1 year

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Accessories

Copper terminals (poles) for termination of 04 Nos. 4C × 120 mm² power cables.

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CamScanner

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Special Terms & Conditions:

1- The bidder shall submit, along with the bid, a valid OEM's Authorized Distributor or Sub-Authorized Distributor certificate. If not submitted, the bid may be treated as non-compliant.

2- At the time of delivery, the bidder shall provide an authenticity letter, together with a copy of the Proforma Invoice and/or Delivery Challan issued by the OEM's Authorized or Sub-Authorized Distributor, as documentary evidence of the product's authenticity and authorized procurement.

3- The bidder shall submit the technical specifications, product datasheets, or manufacturer's product catalogue/literature along with the bid. If not submitted, the bid may be treated as non-compliant.

4- The circuit breaker should be of a reputable brand (Schneider or equivalent).

5 The schedule of supply of material is 30 days after the issuance of Purchase Order (PO).

Sui Southern Gas Co. Ltd. Services Dept. Head Office, Karachi