

Molded Case Circuit Breakers

Electronic and Communications Accessories

Selection

Multiplexor Translator

Breaker Type	Features	Catalog Number
SJD, SLD SMD, SND SPD	Zone Interlocking Only	MTZ
	Full Communications with Zone Interlocking	MTA

The Multiplexor Translator MTZ is an interface device required in zone selective interlock schemes. The MTA combines the zone selective interlocking function with interface to ACCESS® Systems.

Cables & Connectors

Ribbon Cables

Breaker Type	Length	Catalog Number
SJD, SLD SMD, SND SPD	6" 8" 12" 18" 24"	EPC06 EPC08 EPC12■ EPC18 EPC24■

Telephone Cables

Breaker Type	Length	Catalog Number
SJD, SLD SMD, SND, SPD	8' 15' 25' 50'	MTC08 MTC15 MTC25 MTC50

Expansion Plug

Breaker Type	Frame Size	Mounting Type	Catalog Number
Sensitrip	ALL	ALL	EP

The Expansion Plug EP is a required isolating device to connect the breaker with the Multiplexor Translator. It is connected to the trip unit on the breaker with a "Ribbon Cable", EPC08 e.g., and the Multiplexor Translator with the "Telephone Cable" (an RJ-11 cable) MTC50 e.g.

Component Selection Guide^①

Trip Units and Application		
Component Type	ZSI (only) with Sensitrip MCCB'S	Access and/or ZSI with Sensitrip MCCB'S
EP	✓	✓
MTZ ^②	✓	
MTA ^②		✓
EPC Cable	✓	✓
MTC Cable ^③	✓	✓

■ Built to order. Allow 2-3 weeks for delivery.
▲ Built to order. Allow 6-8 weeks for delivery.

① When ordered with circuit breaker from the factory.
② One MTA or MTZ per eight trip units when required.

③ Always required when multiple MT's are used. One additional cable per each additional MT.

Electronic & Display Devices

Trip Unit Test Set

Type	Catalog Number
SJD, SLD, SMD, SND, SPD, Portable	TS31
Spare TS-31 Test Set Interconnecting Cable	TS31CABLE

The TS-31 test set is used to test the operation of the fault protection functions of the circuit breaker's trip unit, including long-time, short-time, instantaneous, and ground fault by means of secondary current injections.

Sensitrip Ammeter Display Unit

Breaker Type	Catalog Number
SJD, SLD, SMD	SADU
SND, SPD	SADURMK18

The Sensitrip Ammeter Display Unit (SADU) provides real-time metering for all Sentron-Sensitrip III Molded Case Circuit Breakers. The unit plugs directly onto the front of the trip unit and provides displays for individual phase currents flowing through the breaker. Additional features include Average, Demand, Ground and Unbalance Current displays, along with impending Trip Status. Current Metering Logs, and a unique diagnostic Trip Log that records the date, time and type of fault for the previous five breaker trips. The device is UL and CSSA certified.

The optional panel mount accessory (SADURMK18) allows easy device mounting external from the circuit breaker, in panelboard and switchboard spaces or gutters, with the flexibility of interior panel exterior panel, or wall mounting capability.

The 2 x 16 alphanumeric LCD display provides easy viewing of data, such as viewing all three phase currents simultaneously.

SADU Ammeter Display Unit

- Direct plug-in or Panel Mounting*
 - Trip Unit Powered & Battery back-up
 - 2 x 16 LCD Alphanumeric Display*
 - Ammeter Display Functions
 - RMS Phase Currents
 - Average Current*
 - Current Demand*
 - Ground Current
 - Current Unbalance (%)*
 - Breaker Status
 - Normal
 - Impending Trip*
 - Time Stamped Trip Log (last 5)
 - Time & Date*
 - Trip Cause:
LT, ST, GF, SC
 - Max Log (with date & time)
 - Max Phase Current*
 - Max Average Current*
 - Max Ground Current*
 - Max Unbalance Current*
 - Max Current Demand*
- * Unique Features



7 MOLDED CASE CIRCUIT BREAKERS