

PowerPact® M-, P- and R-Frame, and Compact® NS630b–NS3200 Circuit Breakers
Accessories

External Power Supply Module

When used with the Micrologic® A, P, and H trip units, a power supply module makes it possible to:

- Display currents less than 20% of sensor (I_n).
- Maintain display of tripping causes after opening of the circuit breaker.
- Store the value of the interrupted current (P and H trip units only).
- The modules are not UL Listed.

Table 78: External Power Supply Module

Power Supply Input (+10%, -15%)	Output Voltage	Output Power	Cat. No.
24–30 Vdc Input	24 Vdc	5 VA/5 W (Ripple < 5%)	685823
48/60 Vdc Input			685824
125 Vdc Input			685825
110–130 Vac Input			685826
200–240 Vac Input			685827
380–415 Vac Input			685829

External Battery Backup Module

The external battery backup module (Catalog No. 685831) provides up to twelve hours of backup power for the power supply module.

Test Equipment

Hand-Held Test Kit

The hand held test kit may be used to:

- Verify trip unit operation, the mechanical operation of the circuit breaker, and the electrical continuity of the connection between the tripping coil and the trip unit.
- Supply control power to the trip unit for settings via the keypad when the circuit breaker is open (Micrologic P and H trip units).
- Inhibit thermal imaging for primary injection test (for Micrologic types A, P or H).
- Inhibit ground fault for primary injection test (for Micrologic types A, P or H).
- Self-restrain Zone-Selective Interlocking (ZSI) (for Micrologic types A, P or H).

Table 79: Hand-held Test Kit Catalog Numbers

Device	Cat. No.
Hand-held Test Kit	S33594
Seven-pin Test Cable (for Connection Between Test Kit and Trip Unit) ¹	S48907
Two-pin Test Cable (for Connection Between Test Kit and Trip Unit)	S48908

¹ Included in the test kit. Kit for replacement only.

