

PowerPact™ M-, P- and R-Frame
Masterpact® NT and NW Universal Power Circuit Breakers

Test Equipment

Full-Function Test Kit



The full-function test kit consists of a signal-injection box which can be used alone or with a supporting personal computer (PC). The optional test kit software is compatible with Windows® 95, 98 and Windows NT® operating systems.

The test kit *without* a supporting PC may be used to check:

- The mechanical operation of the circuit breaker
- The electrical continuity of the connection between the tripping coil and the trip unit
- Trip unit operation — for example:
 - Display of settings
 - Operating tests on the electronic component
 - Automatic and manual tests on protection functions (trip curve verification)
 - Tests on the Zone-Selective Interlocking (ZSI) function
 - Inhibition of the ground-fault protection for equipment
 - Inhibition of the thermal imaging
- Save test data into test kit

The test kit *with* a supporting PC may be used to:

- Print test data
- Compare the real tripping curve with the curves available on the PC

Table 88: Full-Function Test Kit Catalog Numbers

Device	Cat. No.
Full-function Test Kit	S33595
Seven-pin Test Cable (for Connection Between Test Kit and Trip Unit) ¹	S48907
230 Vac Filtered Power Cord ¹	S48856
120 Vac Filtered Power Cord ¹	S48855

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