

MASTER / SLAVE - SERIES ADAPTER

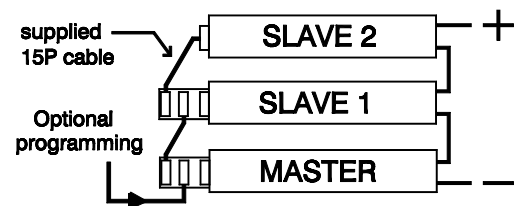


Features

- Connecting SM-3000 and ES-Series in master/slave series mode
- The master power supply can be upper or the lower power supply in the series
- Easy way of connection power supplies in the master /slave series mode
- Equal voltage sharing in the series operation
- Series operation possible up to 600 V

General

- A 15 pole 1:1 cable (0.6m) is supplied with the ADAPTER.
- The number of M / S SERIES ADAPTERS needed is one less than the number of power supplies in the series system (see example).
- For remote programming and monitoring please refer to the power supplies' manual.



Example with 3 power supplies

Specifications

- | | |
|----------------------------------|--|
| • Programming and monitor offset | : +/- 60mV typical |
| • Full scale error | : 0.1 % calibrated |
| • Non-linearity | : 0.01% typical, 0.05 % max. TC = 65ppm/°C |
| • Common mode rejection | : 80 dB @ 50 Hz |
| • Temperature coefficient | : -65ppm typical |
| • Voltage range | : 0 - 5 V |
| • Offset | : ±60 mV typical, ± 180 mV max. |

The full scale voltage of the M / S SERIES ADAPTER is factory-calibrated within 0.1 %.

Offset, full scale error, non-linearity and temperature coefficient have to be added to the specifications of the power supply.