



for SUR Serial



Description of the instrument

The energy backup unit SP100 is an auxiliary instrument for mains monitors with a time function, if these are to be operated without a separate auxiliary voltage. It provides the electronics of the connected mains contacts with the necessary energy to cover the duration of the maximum time delay after mains failure. Mains monitors operating without delay do not require an energy backup unit. SP100 is also not required for mains contacts which do not need their time function in the case of total mains failure.

Design description

All components are assembled on a circuit board of epoxy resin and are contained in a standard casing of plastic. Their casing is suitable for rapid mounting on to support rail 35 x 27 x 7.3 to IEC 60715, or for screwed mounting.

Mode of operation

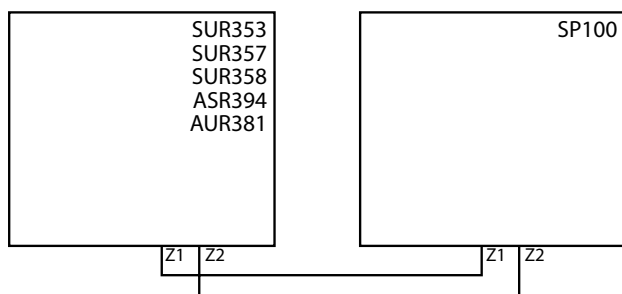
The energy backup unit SP100 is charged from the auxiliary voltage of the connected mains contacts. The energy backup unit in this manner is available for the maximum time delay of the mains contacts in the case of total mains failure.

Technical data	SP100
Backup time for the mains contacts	5s max.
Recovery time	30s max.
Terminal voltage	50 V DC max.
Internal fuse for wrong polarity	slow-blow 0.05 A
Other details	
Weight approx.	250 g

Ordering details

SP100	935 700CN
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Wiring diagram SP100



Dimension diagram

