

Synchroniser, HAS-111DG

Manual or semi-automatic synchronisation



The HAS-111DG synchroniser is applied to check the synchronisation conditions. It can be used in installations requiring manual or semi-automatic synchronisation, like tie breakers.

The paralleling Uni-line relay transmits a synchronisation pulse when the phase angle, frequency and voltage deviations are within the set limits.

HAS-111DG also comes with two analogue outputs for regulating purposes with DEIF's Load Sharing Units.

HAS-111DG features

- ▶ Synchronisation of generator to busbar
- ▶ Setting of phase angle difference
- ▶ Setting of frequency and voltage difference
- ▶ LED indication of status
- ▶ LED for synchronising signal
- ▶ 35 mm DIN rail or base mounting

HAS-111DG type approvals

