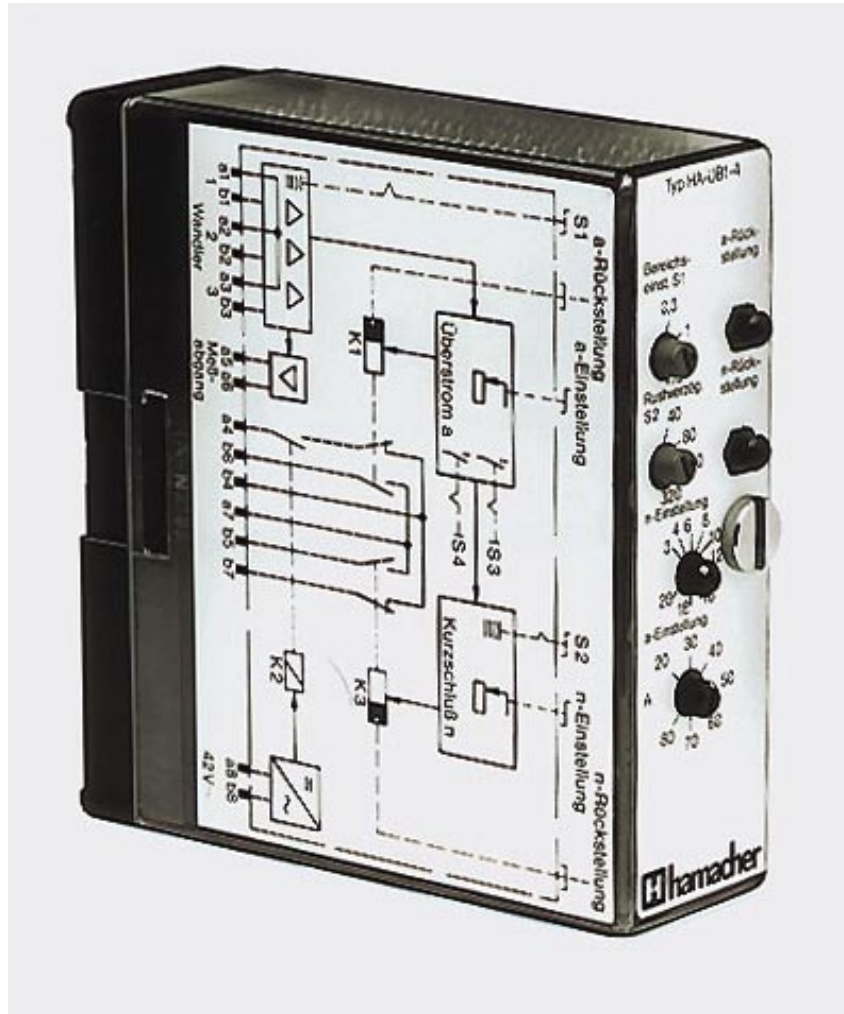


ELECTRONIC OVERLOAD RELAY TYPE HA-UB 1-4



Features

- Electronic protection against overloads, short-circuiting and phase failure in three-phase mains networks
- Resetting optionally manually or automatically with a-triggering, manually with n- triggering
- Phase failure detection, optionally can be switched on / off by covered coding switch
- Measurement output with ratio I / I_n proportional voltage ($I_n = 7 \text{ V DC}$)
- Use of iron-free current transformer
- Two changeover contacts for display and triggering
- In plastic housing with socket

Technical Data

- | | |
|------------------------------------|-----------------|
| • Designed operating voltage | 42 V AC |
| • Power consumption | 3 VA |
| • Overload range (a) ¹⁾ | 1.2 to 1600 A |
| • Release time | 2 to 4 min. |
| • Short circuit setting range (n) | 3 to 20 x I_n |
| • Surge delay (four-stage) | 40 to 320 ms |
| • Analogue measurement output | 0 to 13 V DC |
| • Switching voltage max. | 125 V AC |
| • Switching current max. | 2 A |
| • Socket | 16-pole |
| • Dimensions (LxWxH) | 122x40x113 mm |
| • Ordering details | HA-N 20055 |

¹⁾ Depending on the type of transformer used