

SyG-IF-02 Synchroniser Interface Unit

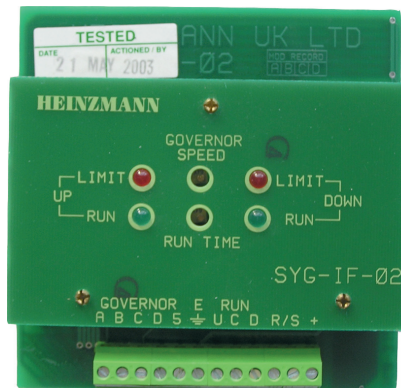
DATA SHEET

Description

The SyG-IF-02 Synchroniser Interface Unit is primarily used to interface raise lower contact synchronising from an external source with the full HEINZMANN range of all electronic governors.

The unit accepts independent raise lower contacts that activate a fully adjustable ramp and allow ± 2 Hz variation in the governor speed. The ramp time can be adjusted along with the reference centre voltage, i.e. 50 Hz nominal. At switch on the unit is reset to this reference, which can also be reset manually by a contact.

Remote speed adjustment can be achieved using this unit, along with load settings for a droop governor from a remote PLC controller.



Features

Interface to independent raise lower contacts

External synchronising with all HEINZMANN electronic governors

Ramp time

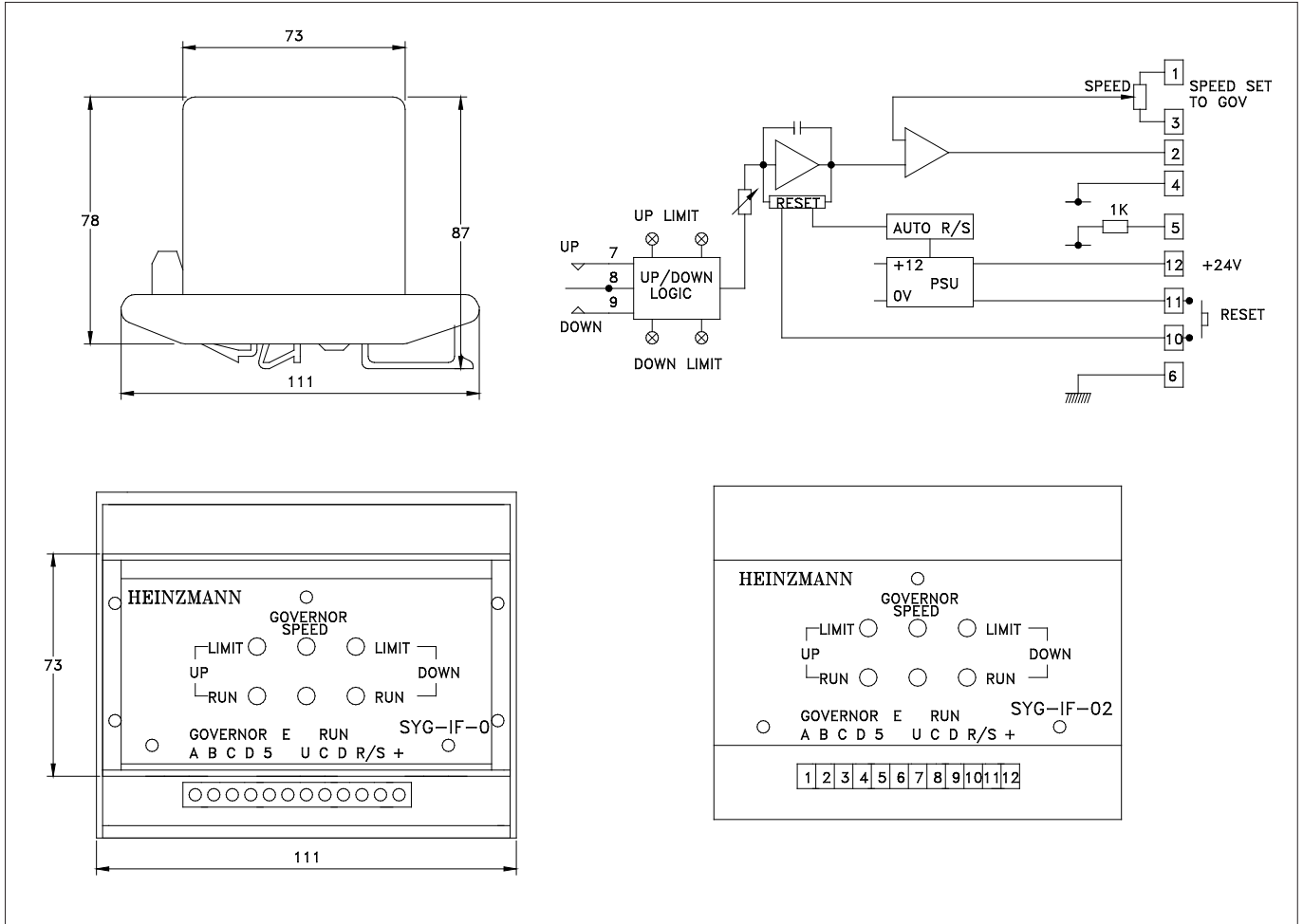
Fully adjustable up/down ramp time

Manually resetting possible

Remote speed adjustment

Technical data

Supply voltage	12 - 35 VDC, 24 V nominal
Supply current	<200 mA
Supply ripple voltage	± 10 % of 100 Hz
Output voltage	Set point ± 250 mV
Output range	± 2 Hz
Working temperature	0 - 70 °C
Housing	111 x 111 x 87 mm
Speed set point range	As set by governor
Enclosure	DIN rail mounting
Ramp time - minimum	5 seconds
Ramp time - maximum	25 seconds



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