





PHGA

rela)

Control

TACHOMETER RELAY FOR THE WIND CONTROL

The tachometer relay PHGA is specially designed for its application in the control of the wind in cranes.

It has two relays which operate with independence. The first one operates when the wind speed reaches 50 Km/h and the second at 70 Km/h.



It is provided with a delay on timing for the detection of gusts of wind and one selector for a flashing alarm at 50 Km/h. (See detailed information if its own data sheet).



The wind sensor SVR-50 must be screwed in a safe mode on a traverse, mast, etc. by means of a mounting angle. The connection cable must be strongly fixed with cable clamps or similar fastening systems to the traverse, preventing from flapping or chafing for the high wind speeds which might damage the cable cover.

selection

Site

Maintenance



In general, wind sensors should be able to detect the wind conditions of a large area. In order to obtain comparable values when determining the surface wind, measurements should be taken at a height of 10 meters over an even area with no obstacles.

An area without obstacles means that the distance between the wind sensor and one obstacle should be at least 10 times the height of the obstacle. If it is not possible to fulfil this condition, then the wind sensor should be set up at a height where local obstacles do not influence the measured values to any significant extent (approx., 6-10 meters above the obstacle).

The wind sensor should be set up at the center of flat roofs and not on the roof side in order to avoid bias in the direction (privileged directions).

If the wind sensor installation has been correctly made, no maintenance is required.

Heavy pollution can clog up the slit between the rotating and the stationary parts of the wind sensor. This slit must be kept clean.



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