Wind Alarm Unit Universal

The instrument triggers – in connection with an anemometer or/and wind direction sensor – preventive measures to protect wind-endangered objects such as buildings, crane systems, bridges, masts, green houses, louvers/shutters, awnings etc.

Through mode selections and parameter settings the warn unit can meet diverse requirements.

Option 1:

1 x wind speed alarm

here, a threshold value of the wind speed is set, when the preventive measure shall be triggered.

Option 2:

as 1, however with 2 wind speed alarms (for ex. for early warning and main alarm)

Option 3:

1 x wind direction-dependent wind speed alarm. Here, a threshold value of the wind speed is set, and is linked with the selected wind sector, from which the protected object might be endangered.

Option 4:

as 3, however with 2 x wind direction-dependent wind speed alarms for application with a different alignment of the protected objects.

The setting/operation is carried out via button or via the serial interface.

Specification

Part number: 4.3244.00.000

Data input analog	
Wind speed	4 ... 20 mA
Wind direction	4 ... 20 mA
Data input digital	
Wind speed	0 ... 1600 Hz
Wind direction	Thies-Seriell-Synchron
Wind alarm parameter	
Wind alarm range	0 ... 50 m/s
Resolution	1 m/s

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Switch-on-delay	0 ... 120 sec
Switch-off-delay	0 ... 240 min
Wind alarm output	
Relay 1	for ex. early warning
Relay 2	for ex. main alarm
Relay load (AC)	5 A / 250 VAC cos =1
Relay load (DC)	5 A / 30 VDC
Interface	
Type	RS485
Data format	8N1
Baud rate	300 Baud ... 115200 Baud
General	
Ambient temp.	-20 ... +50 °C non condensing
Mounting	DIN rail mounting
Protection	IP 20
Dimension	105 x 86 x 85 mm
Weight	0.65 kg

Versions

No other versions of this product are available.

Accessories

No accessories are available for this product.

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