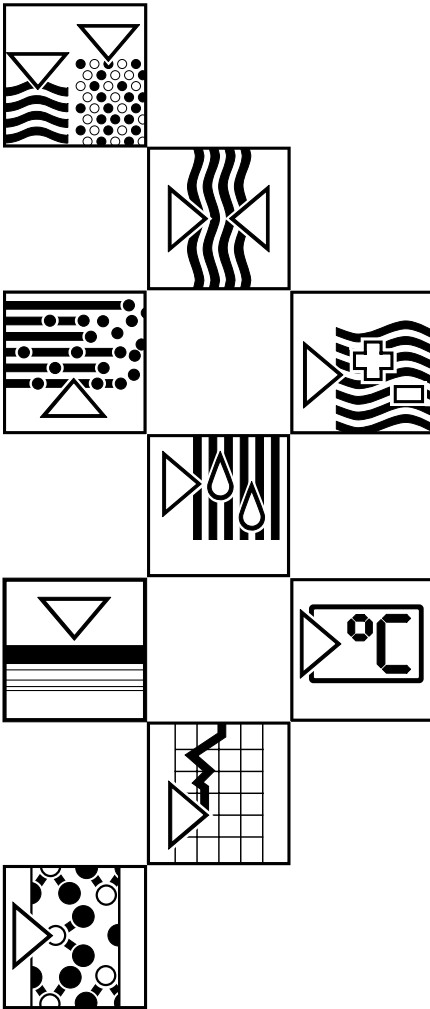


multi-event

Operating instructions



Multi-Event

Recording instrumentation
Operating manual

Valid for programme versions

VEU 00 A FF 16 channel version
VEU 00 A FE 48 channel version

Unit number

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Please fill in

Date

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Operator

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Safety notes

This unit is constructed for panel mounting in control panels and cabinets. It complies with the requirements according to EN 61010-1 / VDE 0411 Part 1 and left our works in perfect and safe condition. In order to maintain this condition and operate safely the user must take note of the following safety information and warnings contained in these instructions.

- Operation of the unit is only permissible in installed condition.
- Installation and connection is only to be done by skilled personnel. Please ensure that the unit is protected from involuntary access and installed to the relevant safety requirements.
- First check that the power supply to be used corresponds with that on the unit legend plate.
- Make sure that a suitable isolation switch is installed in the vicinity of the unit. This switch must be easily accessible and be identified as an isolation switch.
- The mains power supply must be supplied via a fuse ($\leq 10\text{ A}$)
- If it is assumed that the unit cannot be safely operated (visible damage) it must be immediately taken out of operation and secured against unintentional use.
- There are no components in the unit that can be repaired by the user. All repairs must be done by trained service personnel.

1. Application

The event and operational time recorder Multi-Event registers and records sequentially correct switch state changes and operational times in all areas of industry. All records are identified with time and date.

The record can be selected as either an alphanumeric text line or graphic event record. In addition each channel is checked if the preset limit on events or operational time has been exceeded.

Two versions are available, up to 16 channels or 48 channels.

2. Function.

The input channels are galvanically isolated from the system. The cycle speed is 20 ms. This cycle must not be exceeded if a sequentially correct record of contact changes is to be guaranteed. Each channel can be programmed to operate on either contact changes (events) or operational running time. Channel identification is in the form of a two line, programmable alphanumeric text each with 15 digits.

Each channel has 4 selectable functions:

- a) Printout on each contact change.
- b) Printout on only ON changes.
- c) Printout on only OFF changes.
- d) No event printout.

The unit adds the ON state changes into single and summation counters independently of which type of printout is selected. These counters are then individually printed and reset to zero depending on the type of report selected.

Each channel has two time counters to record the ON state running times, (alternative to contact changes)

The number of ON state events can be automatically printed out and reset to zero in pre-selectable time cycles, (measuring period, shift, day, week and month automatic); "manually"; "external command" or on every OFF signal.

Up to 8 channels can be recorded graphically.

One limit per channel dedicated to a single counter is selectable. When a limit is exceeded it is not only printed out but a relay is switched for retransmission. It is also possible to call upon a graphic display (bargraph) showing the percentage relationship of the counter to the limit value.

All events are continuously memorised including date, time and channel identification. If the memory should be full (500 events) the first value is deleted to make place for the next (FIFO).

The Multi-Event is fitted with a serial interface as a standard feature. This can be used to read off and transmit the stored events to a central computer.

3. Operation

A programming module is available for setting up. This module is the size of a small pocket calculator and incorporates a keypad and a two-line display (each with 16 digits) After use it slides back into the printer housing.

4. Linear array thermal print head/paper

The linear array thermal print head has no moving parts, and is virtually maintenance free. The system uses thermal sensitive paper

The paper reserve roll and wind-up mechanism is constructed in the form of a plug in cassette, which slides into the front of the printer. The paper width is 60 mm.

2.1 Recording of contact changes (Events)

2.2 Recording operation running time

2.3 Initiation of report printouts

2.4 Graphic event recording

2.5 Limit surveillance

2.6 Event memory

2.7 Serial interface

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/326203030100010142>