

## Voltage/Frequency Relay - Voltage monitoring relay 40...520V AC UFR 1001E



**Ziehl**  
**UFR 1001E**  
**S222296**  
**2000005989667 EAN/GTIN**

**478,36 USD** excl. VAT\*\*  
 plus shipping



4-5 days\* (USA)



Voltage/frequency relay UFR 1001E Design of the electrical connection screw connection, 3-phase undervoltage possible, 3-phase overvoltage possible, 3-phase window possible, voltage measuring range 1 40 ... 520V, voltage measuring range 2 40 ... 300V, type of voltage of the AC measuring range, rated control supply voltage  $U_s$  at AC 50 Hz 24 ... 240V, rated control supply voltage  $U_s$  at AC 60 Hz 24 ... 240V, rated control supply voltage  $U_s$  at DC 24 ... 240V, type of voltage for actuation AC/DC, response value voltage 40 ... 520V, Min. adjustable response delay time 0.05s, Max. permissible response delay time 60s, Min. adjustable off-delay time 0s, Max. Width 70mm, height 90mm, depth 58mm The mains decoupling relay monitors voltage and frequency in three-phase networks. In conjunction with inverters with integrated islanding detection, it meets the conditions for NA protection according to VDE-AR-N 4105. The device has two channels and is therefore single-fault-proof. Input wiring, evaluation and output relay are duplicated. Two processors monitor each other. The function of the two output relays and the coupling switch is also monitored with feedback contacts. In the event of an alarm, the device switches off, the cause is displayed and reported via transistor outputs. The limit values are preset in accordance with AR-N 4105. If there are any changes to the specifications, they can be easily adjusted. All settings can be protected by code and/or lead seal. The last 99 causes of switch-off as well as the switch-off value and time (relative) are always stored in an alarm memory. In addition, it is recorded how long and how often the UFR1001E interrupted the feed. All values can easily be shown on the display. This gives the user valuable information about the availability of the system. The switching time of the section switch can be determined with a test button. With the simulation function, the total time of the NS protection is measured together with the tie switches

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\* Note on delivery time: Day = Monday to Friday, no public holiday in Bavaria or Saxony. Goods are also delivered on Saturdays (DHL).

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\*\*\* Savings compared to RRP = the manufacturer's recommended retail price. RRP is the price recommended to retailers by the manufacturer, importer or wholesaler as a resale price to the customer. The RRP is also referred to as the list price and is defined as the highest possible price that a buyer would pay for a specific product before any discounts (Source of gross list prices: Germany).

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