VR01101B

COUPLING RELAYS • OPTOCOUPLERS

Our multi-function time relays / pulse stretchers can be considered as real alternatives when it comes to solutions for minor set control technology problems. The input signals, for example, can be switch-on or off delayed after a preset time. In order to be able to reduce the storage, multi-function relays can be used that provide, in addition to the already mentioned functions, operating modes like time-programming, pulse-forming or clocking. Besides, there is also star / delta change-over for load-contactors integrated in the motor start control. Reversing the switching logic or the polarity is possible with our fast signal inverters / impulse stretchers. These are characterized by extremely short response times and high switching frequencies. As an input circuit for a PLC these devices are perfect to record short signal or level changes.

MECHANICAL DATA

Ambient temperature (MAX)	85 °C
Ambient temperature (MIN)	-20 °C
Height	23 mm
Housing design	Cuboid
Housing material	Plastic (polyester)
Length	57.2 mm
Width	44.5 mm

ELECTRICAL DATA

Decay time	0.1 ms
Input current at signal 1	25 mA
Input voltage (MAX)	32 V
Input voltage (MIN)	3 V
Max. current load	10 A
Max. peak current (2 ms)	35 A
Output resistance	0.36 Ohm
Output voltage (MAX)	200 V
Rated operating current Ie	0.02 A
Resistance	0.36 Ohm
Response time	2 ms
Secondary voltage (MIN)	1 V
Switching frequency	250 Hz
Type of digital output	Transistor
Type of electrical connection	Screw connection

DIMENSIONAL DRAWING

INSTALLATION

Mounting / Installation may only be carried out by a qualified electrician!

DISPOSAL

SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.

ipf electronic gmbh • Kalver Straße 25 - 27 • 58515 Lüdenscheid - Germany | Tel +49 2351 9365-0 • Fax +49 2351 9365-19 | info@ipf-electronic.com • **www.ipf-electronic.com**