

# VY030174

## Connection technology • Timer stages

time stage, Turn-off delay, 0-0.15s, 10-35V DC, 1x NO, M8 3pin 0.3m, IP67, Plastic, Potentiometer



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.

### Electrical features

Response/decay time	1 ms
Number of outputs, delayed, normally open contact	1
Number of switching outputs	1
Number of time ranges	1
Display	LED display
Type of signal processing	Turn-off delay
Type of input signal	PNP
Type of plug-in contact, A connection	Female (socket)
Type of plug-in contact, B connection	Male (connector)
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Type of signal input A	PNP
Type of A electrical connection	M8
Type of B electrical connection	M8
Rated switching current	150 mA
Setting procedure	Manual adjustment   Potentiometer
Pulse stretching	1 - 150 ms
Short-circuit protection	Yes
No-load current	20 mA
Number of pins of A connection	3
Number of pins of B connection	3
Switching voltage	35 V
Time range	0 - 0,15 s
Operating voltage (DC)	10 - 35 V

**Mechanical features**

Cable length	0.3 m
Cable infeed of A connection	straight
Cable infeed of B connection	straight
Mounting method	Direct mounting
Degree of protection (IP)	IP67
Housing material	Plastic
Ambient temperature	-25 - 70 °C

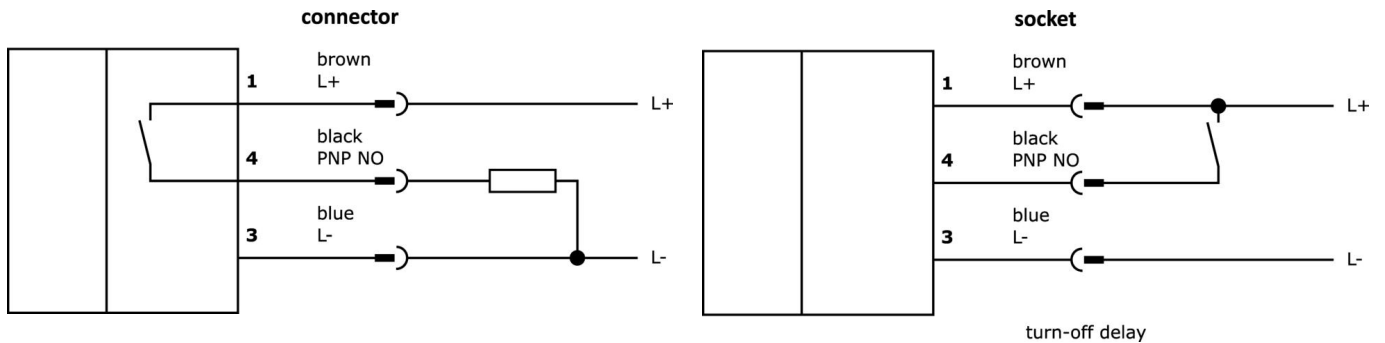
**Classification**

ETIM 8	EC001439 Time relay
--------	---------------------

**More**

IPF Product Group	800 miscellaneous
packaging dimensions	123 x 77 x 25 mm
gross weight	26 g
Customs tariff number	85365005
WEEE number	40951076
Reach-compliant	Yes
RoHS-compliant	Yes

**Connection**




**Extract accessories program**

**VK030F70**

 Connection cable, 0.3m, M8 socket 3-pin angular, M8 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free


**VK030F74**

 Connection cable, 0.3m, M8 socket 3-pin straight, M8 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free


**VK030F80**

 Connection cable, 0.3m, M8 socket 3-pin angular, M12 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free


**VK030F84**

 Connection cable, 0.3m, M8 socket 3-pin straight, M12 connector 3-pin straight, 3x0.34mm<sup>2</sup>, PUR (polyurethane), 60V, IP67, suitable for trailing chain and torsion resistant, oils and cooling lubricants, welding area, silicone-free

**VK000041**

 Adaption, M12 Female (socket) 4pin Straight, M8 Male (connector) 4pin Straight, 24V, -25-85°C, IP67, Oil and cooling lubricants, Welding area


**AY000141**

 Plastic sheath, Ø17mm, Inner diameter 10mm, -40-250°C, Glass fiber with silicone rubber, Short-term resistance to weld spatter 1200°C, Tensile strength 400N, Flexible, Flame retardant, yard good

**VK200071**

 Connection cable, 2m, M8 Female (socket) 3pin Angular, Free conductor end, 3x0.34mm<sup>2</sup>, PUR (Polyurethane), Ø4.3mm, 60V, -40-90°C, IP67, TPU, Suitable for trailing chain and torsion resistant, Oil and cooling lubricants, Welding area, Silicone-free

**VK200075**

 Connection cable, 2m, M8 female (socket) 3pin Straight, free conductor end, 3x0.34mm<sup>2</sup>, PUR (Polyurethane), Ø4.3mm, 60V, -30-90°C, IP67, suitable for trailing chain and torsion resistant, oil and cooling lubricants, welding area, Silicone-free

You can find further accessories on our homepage



**Installation**

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



**Disposal**

WEEE number according to § 6 para. 3 ElektroG: 40951076

**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.