

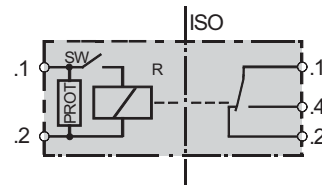
# TKxWx

## overview

- ◆ PLC transistor output to power switching converter
- ◆ relay output max. 16A
- ◆ common positive or negative, overvoltage protection
- ◆ indicators for coil voltage and contact position
- ◆ mechanical push and switching function (On; Off; Automatic)
- ◆ 22.5mm, 45mm or 67.5mm DIN rail mount housing



One relay stage:



## specification

<b>coil voltage</b>	nominal voltage -20%..+10%
<b>duty cycle</b>	100%
<b>relay type</b>	
Ie AC-15*	115V~ 1,5A
Ie AC-15*	230V~ 1,5A
Ie DC-13*	24V= 1,5A
I <sub>the</sub>	16A@+20°C, detached
I <sub>the</sub>	3A@+60°C, attached
I <sub>peak</sub>	85A@ 5ms
<b>expected life time</b>	
mechanical	1 x 10 <sup>7</sup> operations
electrical	1 x 10 <sup>5</sup> operations
<b>screws</b>	pozidriv 1, slot 4mm
<b>screw tightening torque</b>	0,4 Nm
<b>operating conditions</b>	-20 to +60°C non condensing

\* EN 60947-5-1

artikel	relay	coil	contact	PROT	SW
TK1W1 24Vdc	1	+A1;-A2	11;12;14	diode	yes
TK1W1 230Vac	1	A1;A2	11;12;14	no	no
TK2W2 24Vdc	1	+A1;-A2	11;12;14	diode	yes
	2	+B1;-B2	21;22;24	diode	yes
TK3W3 24Vdc	1	+A1;-A2	11;12;14	diode	yes
	2	+B1;-B2	21;22;24	diode	yes
	3	+C1;-C2	31;32;34	diode	yes

## ordering information

part no	Supply/relay	output	UL OS	housing type
TK1W1 24Vdc	24V= 600mW	SPCO	-	A
TK1W1 230Vac	230V~ 600mW/1,2VA	SPCO	-	A
TK2W2 24Vdc	24V= 600mW	DPCO	-	C
TK3W3 24Vdc	24V= 600mW	TPCO	-	E

