

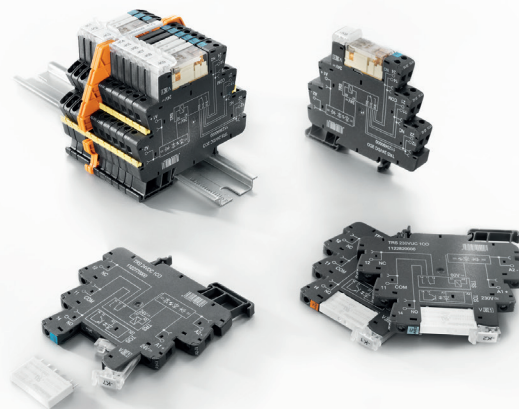
Weidmuller Relay Cross Reference

Unique Multi-Voltage Input

- 24V...230V_{uc} +/- 10%
- 28mA @ 24V_{uc}; 5mA @ 230V_{uc}

Extended range with over 200 items

- Screw and tension versions
- 1 and 2 CO relay, also gold plated
- SSR with DC and AC output
- 5...230V input circuits
- Empty sockets



- Lever with integrated fiber optic for status LED
- Common shape allows running through cross connection on 5 levels with improved ZQV
- Ambient temperature range -40...+60°C
- Easy to read markings
- Color coding for voltage variants
 - Blue: DC input
 - Red: AC Input
 - White: AC/DC Input

Weidmuller		Phoenix Contact*		Finder	Rockwell
Order No.	Type	Order No.	Type	Order No. / Type	Order No. Type
1122750000	TRS 12VDC 1CO	2966906	PLC-RSC- 12DC/21	38.51.7.012.0050	700-HLT1Z12
1123480000	TRS 12VDC 2CO	2967235	PLC-RSC- 12DC/21-21	38.52.7.012.0050	700-HLT1Z212
1122770000	TRS 24VDC 1CO	2966171	PLC-RSC- 24DC/21	38.51.7.024.0050	700-HLT1Z24
1123490000	TRS 24VDC 2CO	2967060	PLC-RSC- 24DC/21-21	38.52.7.024.0050	700-HLT1Z224
1122830000	TRS 120VAC RC 1CO	n.a.	n.a.	38.51.3.125.0060	700-HLT1L1
1123550000	TRS 120VAC RC 2CO	n.a.	n.a.	38.52.3.125.0060	n.a.
1122810000	TRS 120VUC 1CO	2966197	PLC-RSC-120UC/21	38.51.0.125.0060	700-HLT1U1
1123530000	TRS 120VUC 2CO	2967086	PLC-RSC-120UC/21-21	38.52.0.125.0060	700-HLT12U1
1122850000	TRS 24-230VUC 1CO	n.a.	n.a.	39.31.1.240.0060	n.a.
1123580000	TRS 24-230VUC 2CO	n.a.	n.a.	n.a.	n.a.
C1D2					
1984570000	TRS 24VDC 1CO C1D2	5603154	PLC-RSC- 24DC/21/C1D2	n.a.	700-HLT1Z24-EX
1984590000	TRS 120VACRC 1CO C1D2	5603157	PLC-RSC-120UC/21/C1D2	n.a.	700-HLT1U1-EX
1984610000	TRS 24-230VUC 1CO C1D2	n.a.	n.a.	n.a.	n.a.

*For a more accurate 1:1 Phoenix cross, consider using the AgSnO versions.

Relay Selection Guide

											
			Heating Lamps	Pumps	Small Contactors	Power Contactors	Power Supplies	Motors	Neon Lighting	LED Lighting	Solenoids/Valves
TRS/TRZ AgSnO 6 mm small capacitive loads	6 Variants (AgSnO)						✓			✓	
1 CO, 16A Universal Relay	To switch industrial loads like infrared-heating, pumps and small contactors. 22 Variants (AgNi)		✓	✓							
1 NO, 16A HC Inductive loads	To switch inductive loads like solenoids, power contactors and motors. 4 Variants (AgSnO)			✓	✓	✓	✓		✓	✓	✓
1 NO, 16A HCP Capacitive loads	To switch capacitive loads like LED pre-circuits, light-bands and switch-mode power supplies. Not useable for inductive loads! 4 Variants (AgSnO), pre-making tungsten contact			✓					✓	✓	
TOS/TOZ 12.8 mm Solid-State Relays: 5A (instead 3.5A)	4 Variants				✓	✓	✓		✓	✓	✓

Replacement Pluggable Relays

SERIES		TERMSERIES		
Load Type	Description	RSS Relays	RCL Relays	
AC Loads				
Resistive loads in accordance to EN60947-4-1 AC1	Cartridge and band heaters, infrared lamps	RSS113024 4060120000	RCL314024 8693260000	RCL424024 4058570000
	100,000 operations at	250 V / 6 A	250 V / 16 A	250 V / 8 A
Inductive loads in accordance to EN60947-5-1 AC15	Solenoids, valves • 10-times switch-on current • 1-times switch-off current • cos-phi 0.4 • switching frequency 0.1 Hz			
	100,000 operations at	250 V / 3 A	250 V / 3 A	250 V / 2 A
Inductive loads in accordance to EN60947-4-1 AC3	Squirrel-cage motors • 6-times switch-on current • 1-times switch-off current • cos-phi 0.65 • switching frequency 0.1 Hz			
	100,000 operations at	250 V / 0.75 A	250 V / 5 A	250 V / 3 A
Capacitive loads	LED lamps, ballasts, switch-mode power supplies	RSS110024 1984090000	RCLS3T024 8866920000	
	Switch-on peak max:	20 A / 2.5 ms	166 A / 20 ms	15 A / 4 s

SERIES		TERMSERIES		
Load Type	Description	RSS Relays	RCL Relays	
DC Loads				
Resistive loads in accordance to EN60947-4 DC1	Cartridge and band heaters, infrared lamps	RSS113024 4060120000	RCL314024 8693260000	RCL424024 4058570000
	100,000 operations at	250 V / 0.15 A 24 V / 6 A	250 V / 0.33 A 24 V / 16 A	250 V / 0.25 A 24 V / 8 A
Inductive loads in accordance to EN60947-5-1 DC13	Solenoids, valves • 1-times switch-on current • 1-times switch-off current • LR 2.5 ms • switching frequency 0.1 Hz			
	100,000 operations at	250 V / 0.1 A 24 V / 2 A	24 V / 2 A L/R = 96 ms	24 V / 2 A L/R = 96 ms
Inductive loads in accordance to EN60947-4-1 DC3	Shunt motor • 2.5...4-times switch-on current • 2.5...4-times switch-off current • L/R 2...2.5 ms • switching frequency 0.1 Hz			
	100,000 operations at	24 V / 0.5 A	24 V / 1 A	24 V / 0.7 A