



Features

- Sealed housing conforms to IP6K9K
- Dual-Coil monostable high performance relay with optional auxiliary contact
- Up to 30G shock & 10G vibration resistant
- Military grade performance
- Wide variety of configuration options for individual needs
- Meets the requirements of MIL-R-6106

Applications

- Truck
- Bus
- Ground support vehicles
- Construction and agricultural vehicles
- Power Distribution
- Aviation industry
- Military

KISSLING HIGH PERFORMANCE RELAYS

Series 26 / 100A - from TE Connectivity (TE)

The KISSLING 26 Series dual coil relays are developed using our competence and expertise gathered over decades of manufacturing to meet demanding operating requirements.

This dual coil system relay features extremely high shock and vibration resistance predominantly from careful design and an optimized magnetic circuit. The sealing technology used in these relays meet both the IP67 and IP6K9K (Steam pressure cleaning) protection standard. This relay series is well suited for various applications in severe commercial, military and aviation applications.

Other important advantages are low heat generation in the contact area based on low contact voltage drop, a compact design, low holding current, silver alloy contact material and the use of mechanical and high thermal stability insulating compounds. Both the terminals and housing is corrosion resistant for high climatic conditions and withstands a variety of different oils and fluids.

These relays are available with a wide variety of configuration options including contact configurations (NO, NC) coil voltages (12V, 24/28V) and various bracket styles to meet your installation conditions. Also available are optional suppression devices to eliminate electromagnetic interference at the coils and optional auxiliary contacts.

Specification

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Temperature range	-55°C to +74°C 50.000 ft					
Max. Altitude rating						
Protection	IEC 60529 & DIN 40050-9, IP67 (0,2 bar; 1min) & IP6K9K					
Shock	30G - 11msec VG 95210, MIL-STD-202, Test method 213, Half-sine, 11 msec / 50 G					
Vibration 10G VG 95210, MIL-STD-202, Test method 213, Test condition C / 10						
Acceleration	15G					
Thread sizes	M3.5 = 1.1-1.2Nm M4 = 2.0-2.2Nm M8 = 12-13Nm M10 = 15-20Nm					
Wire section	min. 25mm2 / 0.039 sq.inch / AWG 3					
Mounting position	optional					

Electrical Characteristics

Rated contact load (12 & 24 / 28VDC)

100ΜΩ	Resistive load	50.000 cycles - 100A
50ΜΩ	Mechanical Life	100.000 cycles - 25A
1050VAC / 1min at 50Hz		
150mV		
175mV		
100A		
1000A - 1sec / 500A - 20sec		
1000A		
Continuous current 2A / Make a	nd Brake 6A	
	50MΩ 1050VAC / 1min at 50Hz 150mV 175mV 100A 1000A - 1sec / 500A - 20sec 1000A	50MΩ Mechanical Life 1050VAC / 1min at 50Hz 150mV 175mV 100A 1000A - 1sec / 500A - 20sec

Coil Data

	12VDC	24 / 28 VDC
Voltage range	10-15VDC	18-32VDC
Nominal voltage	12VDC	24/28VDC
Pick up voltage max.	10VDC	18VDC
Drop out voltage	≤ 4VDC	≤6VDC
Pull in coil resistance	1,4Ω ± 20%	3,6Ω ± 20%
Pull in current max.	10A - 20msec	6/8A - 20msec
Coil resistance	40Ω ± 10%	145Ω ± 10%
Coil current max.	0,35A	0,20 / 0,25A

Operating times	NO Contact			
Operate	max. 25msec			
Bounce	max. 5msec			
Release with suppression	max. 80msec			
Release without suppression	max. 15msec			

Operating times	NC Contact			
Break time	max. 10msec			
Make time with suppression	max. 60msec			
Make time without suppression	max. 40msec			

Available Types

	Type Ordering key	Contact	itact	_ UNC .	Reversed polarity	Side mounting	Side mount. with inserts	Suppression	Polarity protection	Auxiliary contact	Weight kg / pound
		NO	NC								
12V	26.60.21*	Х				Х					0.44 / 0.97
	26.60.25	Х				Х		Х			0.44 / 0.97
	26.60.275	X				Х		×		Х	0.46 / 1.01
	26.60.01*	X				Х					0.44 / 0.97
	26.60.04	Х				Х		×	Х		0.45 / 0.99
	26.60.05	Х				Х		×			0.44 / 0.97
	26.60.15	X			X	X		×			0.44 / 0.97
	26.60.17	Х			Х		Х	×			0.44 / 0.97
24V /	26.60.75	X				Х		×		Х	0.46 / 1.01
28V	26.63.01		X			X		×	X		0.45 / 0.99
	26.63.02		Х			Х		×			0.44 / 0.97
	26.63.03*		Х			Х					0.44 / 0.97
	26.64.01		X	X		X		×	Х		0.45 / 0.99
	26.64.02		Х	Х		Х		Х			0.44 / 0.97
	26.64.03		X	Х		Х					0.44 / 0.97

Other types and customer specified types upon request / also available with current sensing / * Standard version

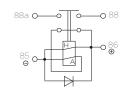
Circuits



88 0 0 88a 86 H 85 0

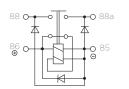
NO-Contact

Reversed polarity



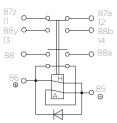
NO-Contact

with polarity protection



NO-Contact

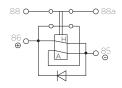
with auxiliary contact

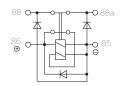


NC-Contact

NC-Contact

with polarity protection



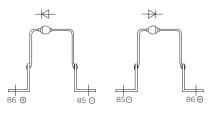


Accessories

Suppression diode

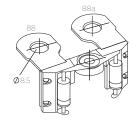
26.08.50

26.05.50.900 reverse polarity

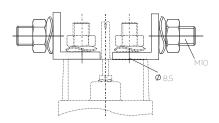


Polarity protection

26.08.51

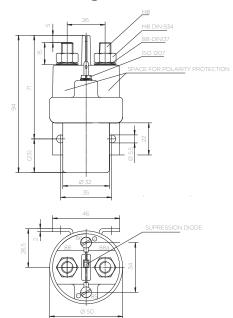


Angler adapter 26.08.52

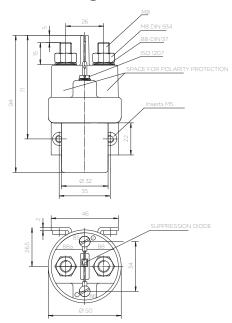


Technical drawings

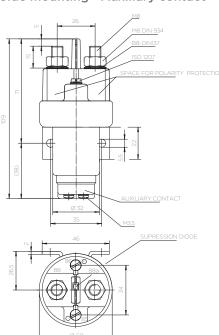
Side mounting



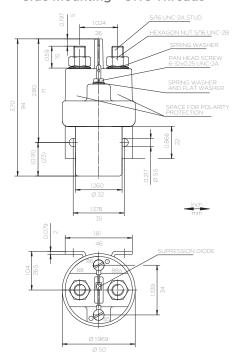
Side mounting with inserts



Side mounting - Auxiliary contact



Side mounting - UNC Threads



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