



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 / 200A - from TE Connectivity (TE)

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 IP69K (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.

These relays are available with a wide variety of configuration options including contact configurations (NO, NC), coil voltages (12 V, 24/28 V) 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

Technical Data

Temperature range	-55°C to +130°C			
Max. Altitude rating	50.000 ft			
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 /			
Vibration	10G VG 95210, MIL-STD-202, Test method 213, Test condition C / 10 G			
Acceleration	15G			
Thread sizes	M3.5 = 1.1-1.2Nm M4 = 2.0-2.2Nm M8 = 12-13Nm M10 = 15-20Nm			
Wire section	min. 70mm2 / 0.109 sq.inch / AWG 3			
Mounting position	optional			

Electrical Characteristics

Rated contact load (12 & 24 / 28VDC)

Min. Insulation Resistance	100ΜΩ	Resistive load	50.000 cycles - 200A
After IIve or environmental	50ΜΩ	Mechanical Life	100.000 cycles - 50A
Dielectric withstanding voltage	1050VAC / 1min at 50Hz		
Max. Contact drop, initial	150mV		
Contact drop after life test	175mV		
Continuous current	200A		
Overload	2000A - 1sec / 500A - 20sec		
Rupture current	2000A		
Auxiliary contacts	Continuous current 2A / Make a	and Brake 6A	

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	1,5Ω ± 20%	5,2Ω ± 20%
Pull in current max.	7A - 20msec	4/5A - 20msec
Coil resistance	48Ω ± 10%	120Ω ± 10%
Coil current max.	0,3A	0,25 / 0,30A

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

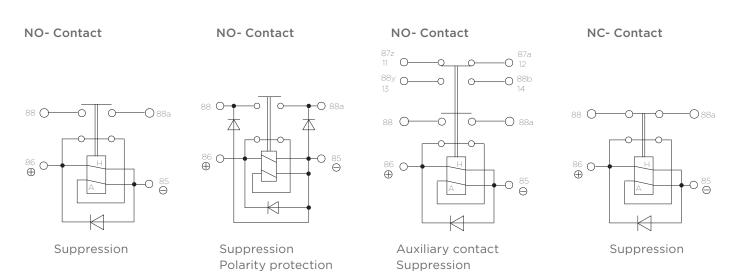
Operating times	NC Contact
Break time	max. 10msec
Make time with suppression	max. 60msec
Make time without suppression	max. 40msec

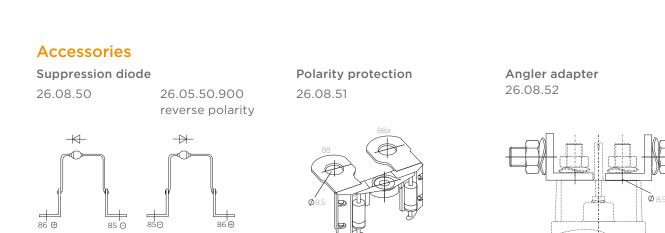
Available Types

	Type Ordering key	Contact		Clamping	Side		Polarity	Auxiliary	Weight
		NO	NC	band	mounting	Suppression	protection	contact	kg / pound
12V	26.08.21	X		×		×			0.60 / 1.32
	26.08.28	X			×	×			0.60 / 1.32
	26.28.28		X		×	×			0.60 / 1.32
24V / 28V	26.08.01	X		×		×			0.60 / 1.32
	26.08.07	Х			×	×	×		0.60 / 1.32
	26.08.08	X			×	×			0.60 / 1.32
	26.08.09*	X			×				0.60 / 1.32
	26.08.78	Х			×	×		Х	0.62 / 1.37
	26.08.79	Х			×			×	0.62 / 1.37
	26.28.07		×		×	×	×		0.60 / 1.32
	26.28.08		X		Х	Х			0.60 / 1.32
	26.28.09		×		×				0.60 / 1.32

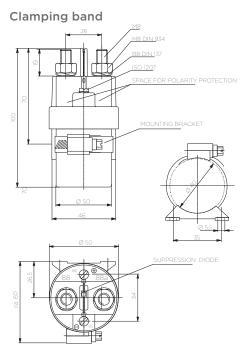
Other types and customer specified types upon request / also available with current sensing / * Standard version

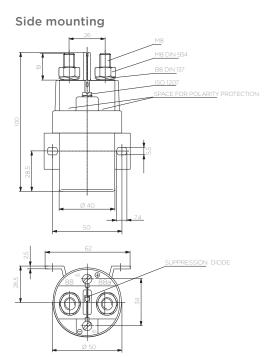
Circuits



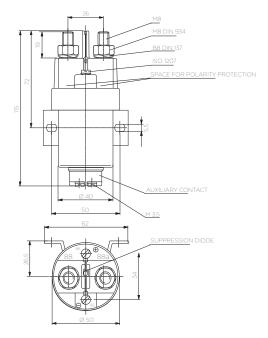


Technical drawings





Side mounting - Auxiliary contact



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