

# Power Relay, 200A, Standard, Monostable, DC



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The Series 29 200A monostable relay features a single coil and 6G shock and 4G vibration resistance. Sealed housing conforms to IP67 and IP6K9K standards.



Relay Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

## KISSLING Single Pole Power Relays

### Series 29 / 200A

The economical 29 series single coil relays with 200 amps are developed using our competence and expertise gathered over decades of manufacturing to meet even the most demanding operating requirements. This single coil system relay features high shock and vibration resistance predominantly from its careful design and an optimized magnetic circuit. The sealing technology used in these relays meets both the IP67 and IP6K9K (Steam pressure cleaning) protection standard. This relay series is well suited for various applications in severe conditions.

### Key Features

- Sealed housing conforms to IP6K9K
- Robust design
- Minimized coil current
- Variety of configuration options
- 6G shock and 4G vibration resistant
- Main contact current rated for continuous current and 100% duty cycle
- Efficient coil and magnetic circuit design with switching properties and holding current requirements

## Features

### Product Type Features

Relay Type	General Purpose Power Relay
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### Configuration Features

Coil Special Features	Coil Suppression Diode, None
Contact Arrangement	1 Form A (NO), 1 Form C SPDT-CO, 1 Form X SPST-NO-DM
Contact Number of Poles	1, 2

### Electrical Characteristics

Coil Power Rating DC (W)	.01
Coil Resistance ( $\Omega$ )	15, 62, 245
Coil Voltage Rating (VDC)	9, 16, 18, 32, 36, 54
Contact Current Rating (A)	75, 200
Contact Voltage Rating (VDC)	12, 24, 28, 48

### Contact Features

Contact Material	Ag Alloy, AgSnO <sub>2</sub>
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### Termination Features

Relay Connection Type	Terminals
Terminal Configuration	Screw Terminals

### Mechanical Attachment

Product Mounting Feature Type	Flange with Mounting Holes, Mounting Brackets
Product Mount Type	Chassis, Panel

### Dimensions

Product Width (mm)	55, 60, 62, 84
Product Width (in)	2.16, 2.36, 2.44, 3.3
Product Length (mm)	78, 100, 101, 102, 119, 120, 142, 146.7
Product Length (in)	3.07, 3.93, 3.97, 4.01, 4.68, 4.72, 5.59, 5.77
Product Height (mm)	47.5, 52.3, 55.5, 55.65, 108
Product Height (in)	1.87, 2.05, 2.18, 2.19, 4.25

### Operation/Application

Actuating System	DC
Coil Magnetic System	Monostable

### Packaging Features

Packaging Method	Carton
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### Other

Contact Current Class (A)	200, 75
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### Reference Number

TE Internal Number	CAT-AL6-KSPR29200
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SEE PRODUCTS ON NEXT PAGE

## Products (1 of 5)



Relay 29-221-12



Relay 29-211-11A



Relay 29-211-12A



Relay 29-213-11

TE Part #	K1021599	K1130783	K1060319	K1011761
Coil Power Rating DC	.01 W	.01 W	.01 W	.01 W
Coil Resistance	62 $\Omega$	15 $\Omega$	62 $\Omega$	15 $\Omega$
Coil Special Features	Coil Suppression Diode	Coil Suppression Diode	Coil Suppression Diode	Coil Suppression Diode
Coil Voltage Rating	18 VDC, 32 VDC	9 VDC, 16 VDC	18 VDC, 32 VDC	9 VDC, 16 VDC
Contact Arrangement	1 Form C SPDT-CO	1 Form X SPST-NO-DM	1 Form X SPST-NO-DM	1 Form X SPST-NO-DM
Contact Current Class	200 A	75 A	200 A	200 A
Contact Current Rating	200 A	75 A	200 A	200 A
Contact Material	AgSnO2	AgSnO2	AgSnO2	AgSnO2
Contact Number of Poles	1	1	1	1
Contact Voltage Rating	28 VDC	12 VDC	24 VDC	12 VDC
Packaging Method				
Product Mount Type	Chassis	Chassis	Chassis	Panel
Relay Connection Type	Terminals	Terminals	Terminals	Terminals
Terminal Configuration	Screw Terminals	Screw Terminals	Screw Terminals	Screw Terminals
EU RoHS Directive 2011/65/EU	EU RoHS Compliant with Exemptions	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions	Not Yet Reviewed for EU RoHS
EU ELV Directive 2000/53/EC	EU ELV Compliant with Exemptions	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions	Not Yet Reviewed for EU ELV
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29

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Products (2 of 5)



Relay 29-221-11



Relay 29-211-01



Relay 29-211-02



Relay 29-211-11

TE Part #	K1021361	K1002280	K1002385	K1010834
Coil Power Rating DC	.01 W			.01 W
Coil Resistance	15 Ω	15 Ω	62 Ω	15 Ω
Coil Special Features	Coil Suppression Diode			Coil Suppression Diode
Coil Voltage Rating	9 VDC, 18 VDC	9 VDC, 16 VDC	18 VDC, 32 VDC	9 VDC, 16 VDC
Contact Arrangement	1 Form C SPDT-CO	1 Form A (NO)	1 Form A (NO)	1 Form X SPST-NO-DM
Contact Current Class	200 A	200 A	200 A	200 A
Contact Current Rating	200 A	200 A	200 A	200 A
Contact Material	AgSnO2	Ag Alloy	Ag Alloy	AgSnO2
Contact Number of Poles	1	2	2	1
Contact Voltage Rating	12 VDC	12 VDC	24 VDC	12 VDC
Packaging Method		Carton	Carton	
Product Mount Type	Chassis			Chassis
Relay Connection Type	Terminals			Terminals
Terminal Configuration	Screw Terminals			Screw Terminals
EU RoHS Directive 2011/65 /EU	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29

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Relay 29-211-11B



Relay 29-211-12



Relay 29-211-12-940



Relay 29-211-12AB

TE Part #	K1060753	K1021410	K1129657	K1060309
Coil Power Rating DC		.01 W		
Coil Resistance	15 Ω	62 Ω	62 Ω	62 Ω
Coil Special Features		Coil Suppression Diode	Coil Suppression Diode	
Coil Voltage Rating	9 VDC, 16 VDC	18 VDC, 32 VDC	18 VDC, 32 VDC	18 VDC, 32 VDC
Contact Arrangement	1 Form A (NO)	1 Form X SPST-NO-DM	1 Form X SPST-NO-DM	1 Form A (NO)
Contact Current Class	200 A	200 A	200 A	200 A
Contact Current Rating	200 A	200 A	200 A	200 A
Contact Material	Ag Alloy	AgSnO2	AgSnO2	Ag Alloy
Contact Number of Poles	2	1	1	2
Contact Voltage Rating	12 VDC	28 VDC	24 VDC	24 VDC
Packaging Method	Carton			Carton
Product Mount Type		Chassis	Chassis	
Relay Connection Type		Terminals	Terminals	
Terminal Configuration		Screw Terminals	Screw Terminals	
EU RoHS Directive 2011/65 /EU	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions	Not Yet Reviewed for EU RoHS
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions	Not Yet Reviewed for EU ELV
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29

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## Products (4 of 5)



Relay 29-211-12B



Relay 29-212-02



Relay 29-212-11



Relay 29-212-12-A-946

TE Part #	K1060301	K1002390	K1011721	K1133449
Coil Power Rating DC			.01 W	
Coil Resistance	62 Ω	62 Ω	15 Ω	62 Ω
Coil Special Features			Coil Suppression Diode	Coil Suppression Diode
Coil Voltage Rating	18 VDC, 32 VDC	18 VDC, 32 VDC	9 VDC, 16 VDC	18 VDC, 32 VDC
Contact Arrangement	1 Form A (NO)	1 Form A (NO)	1 Form X SPST-NO-DM	1 Form X SPST-NO-DM
Contact Current Class	200 A	200 A	200 A	200 A
Contact Current Rating	200 A	200 A	200 A	200 A
Contact Material	Ag Alloy	Ag Alloy	AgSnO2	AgSnO2
Contact Number of Poles	2	2	1	1
Contact Voltage Rating	24 VDC	28 VDC	12 VDC	24 VDC
Packaging Method	Carton	Carton		
Product Mount Type			Chassis	Chassis
Relay Connection Type			Terminals	Terminals
Terminal Configuration			Screw Terminals	Screw Terminals
EU RoHS Directive 2011/65 /EU	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29

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Products (5 of 5)



Relay 29-213-02



Relay 29-213-12



Relay 29-214-12A



Relay 29-214-11

TE Part #	K1010499	K1010695	K1149701	K1011766
Coil Power Rating DC		.01 W		
Coil Resistance	62 Ω	62 Ω	62 Ω	15 Ω
Coil Special Features		Coil Suppression Diode		
Coil Voltage Rating	18 VDC, 32 VDC	18 VDC, 32 VDC	18 VDC, 32 VDC	9 VDC, 16 VDC
Contact Arrangement	1 Form A (NO)	1 Form X SPST-NO-DM	1 Form A (NO)	1 Form A (NO)
Contact Current Class	200 A	200 A	200 A	200 A
Contact Current Rating	200 A	200 A	200 A	200 A
Contact Material	Ag Alloy	AgSnO2	Ag Alloy	Ag Alloy
Contact Number of Poles	2	1	2	2
Contact Voltage Rating	24 VDC	28 VDC	24 VDC	12 VDC
Packaging Method	Carton		Carton	Carton
Product Mount Type		Chassis		
Relay Connection Type		Terminals		
Terminal Configuration		Screw Terminals		
EU RoHS Directive 2011/65 /EU	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29	KISSLING Series 29

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## Related Materials

[KISSLING SINGLE POLE POWER RELAYS - Series 29 / 200A](#)