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Automotive Relays

Features

6 Different contact configurations, Open frame or sealed



Series	DG17	DG19	DG20	DG31A	DG34A
Dimensions (L x W x H) mm	16 x 13.2 x 19.7	26.5 x 21.5 x 21.5	12.9 x 12 x 9.9	19 x 15.5 x 15	31.7 x 26.9 x 19.1
Contact Configuration	SPST-NO, SPST-NC, SPDT, SPST-NO-DM, SPST-NC-DB, SPST-DB-DM	SPST-NO, SPST-NC, SPDT	SPST-NO, SPDT	SPST-NO, SPDT	SPST-NO, SPST-NC, SPDT
Max. Switching Voltage	16VDC	30VDC	16VDC	16VDC	75VDC
Rated Current	NO 15A / NC 10A	NO 45A / NC 30A	NO 30A / NC 25A	20A	NO 30A / NC 15, 20A
Contact Material	AgNi0.15, AgNi, AgSnOInO, AgCdO	AgNi0.15, AgNi, AgSnOInO, AgCdO	AgNi0.15, AgSnOInO	AgNi0.15, AgNi, AgSnOInO, AgCdO	AgNi0.15, AgNi, AgSnOInO, AgCdO
Coil Voltage	DC 6, 12, 24V	DC 6, 12, 24V	DC 6, 10, 12V	DC 6, 12, 24V	DC 6, 12, 24V

Features

High current capabilities, extended temperature 125°C



Series	DG60	DG81	DG81C	DG08	DG27
Dimensions (L x W x H) mm	14.3 x 7.5 x 13.8 (single):14.3 x 14.7 x 13.8 (tw in)	15.7 x 12.3 x 13.7	15.7 x 12.3 x 13.8	24.3 x 15.8 x 14.0	23.5 x 12.9 x 9.5
Contact Configuration	SPDT, 2 x SPDT	SPST-NO, SPST-NC, SPDT, SPST-NO-DM	SPST-NO-DM	2 x SPDT	2 x SPST-NO, 2 x SPDT
Max. Switching Voltage	16VDC	16VDC	16VDC	16VDC	16VDC
Rated Current	25A	35A / 2 x 10A	2 x 30A	2 x 35A (10 min)	NO 30A / NC 25A
Contact Material	AgSnO ₂	AgNi0.15, AgSnOInO, AgCdO	AgNi0.15, AgSnOInO, AgCdO	AgNi0.15, AgNi, AgSnOInO, AgCdO	AgNi0.15, AgSnOInO
Coil Voltage	DC 12V	DC 6...24V	DC 6...12V	DC 6...24V	DC 6, 10, 12V

Features

Sub-miniature relay, high current, open frame



Series	DG28	DG29	DG82	DGC2	DG56A
Dimensions (L x W x H) mm	21.2 x 13 x 19.1	17.5 x 9.2 x 13.2 (single):17.5 x 16.9 x 13.2 (tw in)	23.7 x 15.7 x 26.0	24.8 x 15.4 x 22.9	26 x 26 x 24
Contact Configuration	SPST-NO, SPDT	SPDT, 2 x SPDT	SPST-NO, SPST-NC, SPDT	SPST-NO, SPDT	SPST-NO, SPDT
Max. Switching Voltage	27VDC	40VDC	16VDC (current dependent)	27VDC (current dependent)	30VDC (current dependent)
Rated Current	40A	25A	NO 40A / NC 30A	NO 40A / NC 30A	NO 40A / NC 30A
Contact Material	AgSnOInO	AgSnOInO	AgNi0.15, AgNi, AgSnOInO, AgCdO	AgSnOInO	AgSnO ₂
Coil Voltage	DC 6, 12, 24V	DC 12, 24V	DC 6, 12, 24V	DC 12, 24V	DC 6, 12, 24V

Features

Mini ISO style, 40A continuous current, plug-in, PCB & bracket



Series	DG56B	DG4F	DG85A	DG85B	DG85C
Dimensions (L x W x H) mm	26 x 26 x 24	36 x 25.2 x 21	28 x 28 x 25	28 x 28 x 25	28 x 28 x 25
Contact Configuration	SPST-NO, SPDT	SPST-NO	SPST-NO, SPDT	SPST-NO, SPDT	SPST-NO, SPDT
Max. Switching Voltage	30VDC (current dependent)	14VDC	30VDC (current dependent)	30VDC (current dependent)	30VDC (current dependent)
Rated Current	NO 60A / NC 40A	30A	NO 40A / NC 30A	NO 60A / NC 40A	NO 80A / NC 60A
Contact Material	AgSnO ₂	AgSnOInO	AgCdO, AgNi0.15, AgNi 90/10, AgSnOInO	AgCdO, AgNi0.15, AgNi 90/10, AgSnOInO	AgCdO, AgNi0.15, AgNi 90/10, AgSnOInO
Coil Voltage	DC 6, 12, 24V	DC 6, 12, 24V	DC 6, 12, 24V	DC 6, 12, 24V	DC 6, 12, 24V

Features

Mini ISO style 100A,
continuous current,
plug-in, PCB & bracket



Series	DG85D	DG85F	DG85M	DA30	GER010
Dimensions (L x W x H) mm	28 x 28 x 25	28 x 28 x 25	35 x 30 x 25	42 x 35.5 x 35.5	34 x 28 x 44.3
Contact Configuration	SPST-NO	SPST-NO, SPDT	SPST-NO, SPDT	SPST-NO	SPST-NO
Max. Switching Voltage	30VDC (current dependent)	24VDC	145VDC	400VAC / 125VDC	400VDC
Rated Current	100A	60A	40A	30A	10A
Contact Material	AgCdO, AgNi0.15, AgNi 90/10, AgSnOInO	AgCdO, AgNi0.15, AgNi 90/10, AgSnOInO	AgNi 90/10, AgSnO ₂	AgNi 90/10	Oxygen free Cu
Coil Voltage	DC 6, 12, 24V	DC 6, 12, 24V	DC 6...110V	DC 12V	DC12V

Features

Compact 100A High
Voltage DC Power Relay,
Automotive standard
connectors



Series	GER040	GER100	GER150	GER250	GER400
Dimensions (L x W x H) mm	67 x 35.3 x 47	80.7 x 39 x 70	80.7 x 39 x 70	91.5 x 45 x 89	111 x 74.7 x 63
Contact Configuration	SPST-NO	SPST-NO	SPST-NO	SPST-NO	SPST-NO
Max. Switching Voltage	450VDC	450VDC	450VDC	450VDC	450VDC
Rated Current	40A	100A	150A	250A	400A
Contact Material	Oxygen free Cu	Oxygen free Cu	Oxygen free Cu	Oxygen free Cu	Oxygen free Cu
Coil Voltage	DC12V	DC12V	DC12V	DC12V	DC12V

Features



Series	RA
Dimensions (L x W x H) mm	18.6 x 13 x 18.5
Contact Configuration	SPST-NO-DM, SPDT, SPST-NO+SPDT
Max. Switching Voltage	60VDC
Rated Current	NO 20A / NC 12A
Contact Material	AgSnO ₂
Coil Voltage	DC 5V...48V



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