

DC Contactors Catalogue



High Voltage DC Contactors

Model			PEACO-ADH30	PEACO-ADH50	PEACO-ADH100
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Contact Load		1A-30A 12V-1000V DC	1A-50A 12V-1000V DC	1A-100A 12V-1000V DC
	Electrical Life		6000times (30A 750V DC)	10000times (50A 750V DC)	10000times (100A 750V DC)
	Max. Switching Current		300A 320V DC (≥1 times)	500A 320V DC (≥1 times)	1000A 320V DC (≥1 times)
	Contact Voltage Drop		<0.1V (30A)	<0.15V (50A)	<0.1V (100A)
	Dielectric Withstanding Voltage	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
		Between Open Contacts	4000V AC, ≤1mA	8000V AC, ≤1mA	8000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤25ms	≤25ms
		Energy Saving Type (E)	/	≤20ms	≤20ms
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	≤10ms	≤10ms
Max. Contact Bounce Period		≤5ms	≤5ms	≤5ms	
Load Terminal and Center Distance			M5 Internal Thread/18mm	M5 Internal Thread/18mm	M5 Internal Thread/18mm
Coil	Coil Type		Single Coil	Single Coil/Energy-Saving PCB	Single Coil/Energy-Saving PCB
	Rated Voltage		12V-110V DC	12V-110V DC	12V-110V DC
	Pull-In Voltage	Standard Type (S)	≤75% Us	≤75% Us	≤75% Us
		Energy Saving Type (E)	/	8-36V	8-36V
	Drop-Out Voltage	Standard Type (S)	≥5%Us, ≤40%Us	≥5%Us, ≤40%Us	≥5%Us, ≤40%Us
		Energy Saving Type (E)	/	5-30V	5-30V
	Power	Standard Type (S)	3.5W-4W	5W-6W	5W-6W
Energy Saving Type (E)		/	Starting 30W/Holding 2W	Starting 30W/Holding 2W	
Auxiliary Contact Arrangement (Optional)			/	1NO or 1NC	1NO or 1NC
Mechanical Life			1,000,000 times	1,000,000 times	1,000,000 times
Others	Weight	Standard Type (S)	130g	230g	230g
		Energy Saving Type (E)	/	220g	220g
	Dimension	Standard Type (S)	51*36*40mm	55*42*62mm	55*42*62mm
		Energy Saving Type (E)	/	55*42*62mm	55*42*62mm
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-95%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

High Voltage DC Contactors


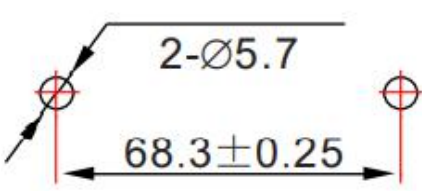
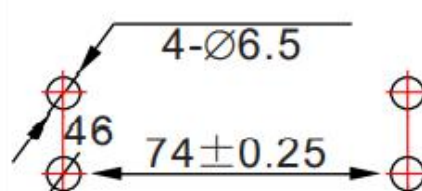
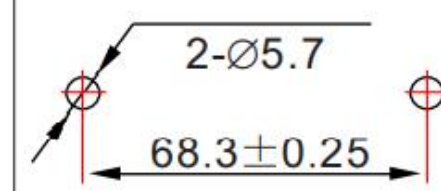
Model			PEACO-ADH150	PEACO-ADH200	PEACO-ADH250
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Contact Load		1A-150A 12V-1000V DC	1A-200A 12V-1000V DC	1A-250A 12V-1000V DC
	Electrical Life		10000times (150A 750V DC)	10000times (200A 750V DC)	8000times (250A 750V DC)
	Max. Switching Current		1500A 320V DC (≥1 times)	2000A 320V DC (≥1 times)	2000A 320V DC (≥1 times)
	Contact Voltage Drop		<0.1V (150A)	<0.1V (200A)	<0.1V (250A)
	Dielectric Withstanding Voltage	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
		Between Open Contacts	10000V AC, ≤1mA	10000V AC, ≤1mA	10000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	/	/	/
		Energy Saving Type (E)	≤30ms	≤30ms	≤30ms
	Pull-Out Time	Standard Type (S)	/	/	/
Energy Saving Type (E)		≤10ms	≤10ms	≤10ms	
Max. Contact Bounce Period		≤5ms	≤5ms	≤5ms	
Load Terminal and Center Distance			M6 Internal Thread/27mm	M8 Internal Thread/27mm	M10 Internal Thread/27mm
Coil	Coil Type		Single Coil/Energy-Saving PCB	Single Coil/Energy-Saving PCB	Single Coil/Energy-Saving PCB
	Rated Voltage		12V-110V DC	12V-110V DC	12V-110V DC
	Pull-In Voltage	Standard Type (S)	/	/	/
		Energy Saving Type (E)	8-36V	8-36V	8-36V
	Drop-Out Voltage	Standard Type (S)	/	/	/
		Energy Saving Type (E)	5-30V	5-30V	5-30V
	Power	Standard Type (S)	/	/	/
Energy Saving Type (E)		Starting 30W/Holding 2W	Starting 30W/Holding 2W	Starting 30W/Holding 2W	
Auxiliary Contact Arrangement (Optional)			1NO or 1NC	1NO or 1NC	1NO or 1NC
Mechanical Life			1,000,000 times	1,000,000 times	1,000,000 times
Others	Weight	Standard Type (S)	/	/	/
		Energy Saving Type (E)	440g	480g	480g
	Dimension	Standard Type (S)	/	/	/
		Energy Saving Type (E)	80*65*67mm	80*65*74mm	80*65*74mm
	Vibration		20G Max. Sin 80Hz-2000Hz	20G Max. Sin 80Hz-2000Hz	20G Max. Sin 80Hz-2000Hz
	Humidity		5%-95%RH	5%-95%RH	5%-95%RH
	Temperature Range		-40℃~85℃	-40℃~85℃	-40℃~85℃
	Protection Grade		IP67	IP67	IP67
	Mounting Hole Dimension (mm)				

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

High Voltage DC Contactors

Model			PEACO-ADH300	PEACO-ADH500	PEACO-ADH100X-2K
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 2NO (1K)
	Contact Load		1A-300A 12V-1000V DC	1A-500A 12V-1000V DC	1A-100A 12V-1000V DC
	Electrical Life		6000times (300A 750V DC)	3000times (500A 750V DC)	10000times (100A 750V DC)
	Max. Switching Current		3000A 320VDC (≥1 times)	3000A 320V DC (≥1 times)	1000A 320V DC (≥1 times)
	Contact Voltage Drop		<0.1V (200A)	<0.1V (500A)	<0.1V (100A)
	Dielectric Withstanding Voltage	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
		Between Open Contacts	10000V AC, ≤1mA	10000V AC, ≤1mA	8000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	/	/	/
		Energy Saving Type (E)	≤30ms	≤30ms	≤30ms
	Pull-Out Time	Standard Type (S)	/	/	/
		Energy Saving Type (E)	≤10ms	≤10ms	≤10ms
Max. Contact Bounce Period		≤5ms	≤5ms	≤5ms	
Load Terminal and Center Distance			M10 Internal Thread/27mm	M12 Internal Thread/32mm	M6 Internal Thread/15mm
Coil	Coil Type		Single/Dual Coil/Energy-Saving PCB	Single/Dual Coil/Energy-Saving PCB	Single Coil
	Rated Voltage		12V-110V DC	12V-110V DC	12V-110V DC
	Pull-In Voltage	Standard Type (S)	/	/	/
		Energy Saving Type (E)	8-36V	8-36V	8-36V
	Drop-Out Voltage	Standard Type (S)	/	/	/
		Energy Saving Type (E)	5-30V	5-30V	5-30V
	Power	Standard Type (S)	/	/	/
		Energy Saving Type (E)	Starting 30W/Holding 2W	Starting 50W/Holding 4W	Starting 30W/Holding 2W
Auxiliary Contact Arrangement (Optional)			1NO or 1NC	1NO or 1NC	1NO or 1NC
Mechanical Life			1,000,000 times	1,000,000 times	1,000,000 times
Others	Weight	Standard Type (S)	/	/	550g
		Energy Saving Type (E)	480g	1250g	/
	Dimension	Standard Type (S)	/	/	80*65*74mm
		Energy Saving Type (E)	80*65*74mm	88*86*102mm	/
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-95%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Application: electric forklift,electric trailer,electric yacht,vehicles electric winch,electric car, hybrid electric vehicle.

High Voltage DC Contactors

Model			PEACO-ADH100-2K	PEACO-ADE20	PEACO-ADE40
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 2NO (2K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Contact Load		1A-100A 12V-1000V DC	1A-20A 12V-750V DC	1A-40A 12V-750V DC
	Electrical Life		6000times (100A 750V DC)	75000times (20A 750V DC)	75000times (40A 750V DC)
	Max. Switching Current		1000A 320VDC (≥1 times)	200A 450V DC (≥1 times)	400A 450V DC (≥1 times)
	Contact Voltage Drop		<0.1V (100A)	<0.1V (20A)	<0.1V (40A)
	Dielectric Withstanding Voltage	Between Coil & Contact	2500V AC, ≤1mA	4000V AC, ≤1mA	4000V AC, ≤1mA
		Between Open Contacts	8000V AC, ≤1mA	3000V AC, ≤1mA	3000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤5ms	≤5ms	≤5ms	
Load Terminal and Center Distance			M6 Internal Thread/18mm	QC Terminal	M4 Internal Thread
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V-72V DC	12V/24V DC	12V/24V DC
	Pull-In Voltage	Standard Type (S)	≤75% Us	≤75% Us	≤75% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≤10% Us	≥8% Us	≥8% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	11W-12W	3W	3W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			1NO or 1NC	1NO	1NO
Mechanical Life			1,000,000 times	200,000 times	200,000 times
Others	Weight	Standard Type (S)	530g	150g	150g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	92*59*80mm	78*39.6*46.1mm	79.2*36.7*48mm
		Energy Saving Type (E)	/	/	/
	Vibration		20G Max. Sin 80Hz-2000Hz	10Hz-500Hz, 49m/s2	10Hz-500Hz, 49m/2
	Humidity		5%-95%RH	5%-85%RH	5%-85%RH
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Application: electric forklift,electric trailer,electric yacht,vehicles electric winch,electric car, hybrid electric vehicle.

High Voltage DC Contactors

Model			PEACO-ADE100	PEACO-ADE150	PEACO-ADE200
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Contact Load		1A-100A 12V-750V DC	1A-150A 12V-750V DC	1A-200A 12V-750V DC
	Electrical Life		6,000times (100A 750V DC)	6,000times (150A 750V DC)	6,000times (200A 750V DC)
	Max. Switching Current		1000A 300VDC (≥1 times)	1500A 300V DC (≥1 times)	2000A 300V DC (≥1 times)
	Contact Voltage Drop		/	/	/
	Dielectric Withstanding Voltage	Between Coil & Contact	4000VAC (1min, I△=10mA)	4000VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)
		Between Open Contacts	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		/	/	/	
Load Terminal and Center Distance			M6 External Thread	M6 External Thread	M6 External Thread+Busbar
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V DC	12V/24V DC	12V/24V DC
	Pull-In Voltage	Standard Type (S)	≤75% Us	≤75% Us	≤75% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥8% Us	≥8% Us	≥8% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	4.5W	6W	Stating 35W, Holding ≤4.5W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			1NO	1NO	1NO
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	400g	450g	650g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	81.5*40*78.3mm	77.8*48.8*83.4mm	105.4*45*88.2mm
		Energy Saving Type (E)	/	/	/
	Vibration		10Hz-500Hz, 49m/s2		
	Humidity		5%-85%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

High Voltage DC Contactors

Model			PEACO-ADE250	PEACO-ADE300	PEACO-ADE400
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Contact Load		1A-250A 12V-750V DC	1A-300A 12V-750V DC	1A-400A 12V-750V DC
	Electrical Life		6,000times (250A 750V DC)	6,000times (300A 750V DC)	6,000times (400A 750V DC)
	Max. Switching Current		2500A 300VDC (≥1 times)	2500A 300V DC (≥1 times)	2500A 300V DC (≥1 times)
	Contact Voltage Drop		/	/	/
	Dielectric Withstanding Voltage	Between Coil & Contact	2500VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)
		Between Open Contacts	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		/	/	/	
Load Terminal and Center Distance			M6 Internal Thread+Busbar	M8 External Thread	M8 External Thread
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V DC	12V/24V DC	12V/24V DC
	Pull-In Voltage	Standard Type (S)	≤75% Us	≤75% Us	≤75% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥8% Us	≥8% Us	≥8% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	Stating 44W, Holding ≤6W	Stating 46W, Holding ≤4.5W	Stating 46W, Holding ≤4.5W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			1NO	1NO	1NO
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	650g	850g	850g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	105.4*45*88.2mm	113.6*64.7*74.9mm	113.6*64.7*74.9mm
		Energy Saving Type (E)	/	/	/
	Vibration		10Hz-500Hz, 49m/s2		
	Humidity		5%-85%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K (SPST-NO,1NO) / 2K (DPST-NO,2NO) / 1Z(SPDT,1C/O) / 2Z (DPDT,2C/O) / 1B (SPST-NC,1NC).

DC Reversing Contactors




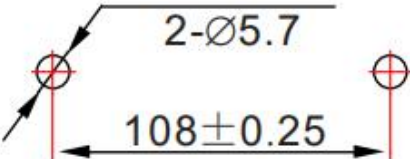
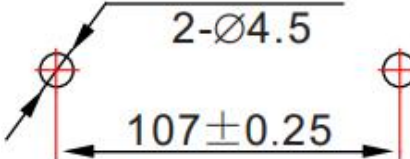
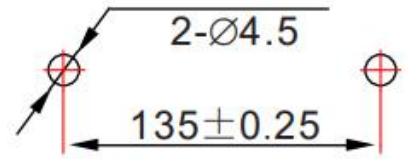
Model			PEACO-ADC50-D/200-I	PEACO-ADC200X-I	PEACO-ADC100/400-I
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous50A/Intermittent200A	Continuous50A/Intermittent200A	Continuous100A/Intermittent400A
	Contact Form		2NO and 2NC	2NO and 2NC	2NO and 2NC
	Contact Load		1A-200A 12V-60V DC	1A-200A 12V-60V DC	1A-400A 12V-60V DC
	Electrical Life		30,000times (200A 24V DC)	30,000times (200A 24V DC)	30,000times (200A 24V DC)
	Max. Switching Current		≤ 8Ie, ≤ 1s	≤ 8Ie, ≤ 1s	≤ 8Ie, ≤ 1s
	Contact Voltage Drop		≤ 80mV	≤ 80mV	≤ 80mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
Energy Saving Type (E)		/	/	/	
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M6 External Thread/29.35mm	M6 External Thread/29.35mm	M6 External Thread/34.5mm
Coil	Coil Type		Single/Dual Coil	Single/Dual Coil	Single/Dual Coil
	Rated Voltage		12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤25W/8W	≤25W/8W	≤25W/8W
Energy Saving Type (E)		/	/	/	
Auxiliary Contact Arrangement (Optional)			/	/	/
Mechanical Life			5,000,000 times	5,000,000 times	5,000,000 times
Others	Weight	Standard Type (S)	410g	410g	990g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	81*52*76mm	81*52*76mm	105*63*101mm
		Energy Saving Type (E)	/	/	/
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-85%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

Notes:

- The parameters above are the initial values measured at 23℃. Other coil rated voltages can be customized.
- 1K(SPST-NO,1NO) / 2K(DPST-NO,2NO) / 1Z(SPDT,1C/O) / 2Z(DPDT,2C/O) / 1B(SPST-NC,1NC).

DC Reversing Contactors


Model			PEACO-ADC200/800-I	PEACO-ASW200-2Z	PEACO-ASW400-2Z
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		2NO and 2NC	2NO and 2NC	2NO and 2NC
	Contact Load		1A-800A 12V-60V DC	1A-200A 12V-60V DC	1A-400A 12V-60V DC
	Electrical Life		20,000times (200A 60V DC)	20,000times (200A 60V DC)	20,000times (400A 60V DC)
	Max. Switching Current		≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
Energy Saving Type (E)		/	/	/	
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M8 Internal Thread/91mm	M8 External Thread/46mm	M10 External Thread/57mm
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤11W	≤24W	≤24W
Energy Saving Type (E)		/	/	/	
Auxiliary Contact Rated Load (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			5,000,000 times	5,000,000 times	5,000,000 times
Others	Weight	Standard Type (S)	1760g	1830g	3150g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	127*73*120mm	127*72*122mm	51*114*160mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP50		
	Mounting Hole Dimension (mm)				

Application: electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-ADL50	PEACO-ADL100	PEACO-ADL200
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		1NO or 1NC or 1C/O	1NO or 1NC or 1C/O	1NO or 1NC or 1C/O
	Contact Load		1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC
	Electrical Life		20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)
	Max. Switching Current		≤ 10Ie, ≤ 1s	≤ 10Ie, ≤ 1s	≤ 10Ie, ≤ 1s
	Contact Voltage Drop		≤ 80mV	≤ 80mV	≤ 80mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤25ms	≤25ms	≤25ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M6 External Thread/21mm	M8 External Thread/27mm	M8 External Thread/30mm
Coil	Coil Type		Single/Dual Coil	Single/Dual Coil	Single/Dual Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤7W	≤8W	≤10W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Rated Load (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			5,000,000 times	5,000,000 times	5,000,000 times
Others	Weight	Standard Type (S)	200g	400g	600g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	43*43*69mm	52*45*82mm	60*50*89mm
		Energy Saving Type (E)	/	/	/
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-95%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Application: UPS, electric pump, electric vehicle controller, rectifier power supply, battery charging and discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-ADL400	PEACO-ADL600	PEACO-ADL1000
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		1NO or 1NC or 1C/O	1NO or 1NC or 1C/O	1NO or 1NC
	Contact Load		1A-400A 12V-72V DC	1A-600A 12V-72V DC	1A-1000A 12V-72V DC
	Electrical Life		20,000times (400A 72V DC)	20,000times (600A 72V DC)	6,000times (1000A 72V DC)
	Max. Switching Current		≤ 10Ie, ≤ 1s	≤ 8Ie, ≤ 1s	≤ 8Ie, ≤ 1s
	Contact Voltage Drop		≤ 80mV	≤ 80mV	≤ 80mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤25ms	≤25ms	≤25ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M10 External Thread/35.5mm	Busbar	Busbar
Coil	Coil Type		Single/Dual Coil	Single/Dual Coil	Single/Dual Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤12W	≤12W	≤12W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Rated Load (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			5,000,000 times	5,000,000 times	5,000,000 times
Others	Weight	Standard Type (S)	1100g	1200g	2100g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	72.5*65.5*123mm	130*63*103mm	150*80*136mm
		Energy Saving Type (E)	/	/	/
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-95%RH		
	Temperature Range		-40℃~85℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)			Mounting bracket can be customized.	Mounting bracket can be customized.

Application: UPS, electric pump, electric vehicle controller, rectifier power supply, battery charging and discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Magnetic Contactors




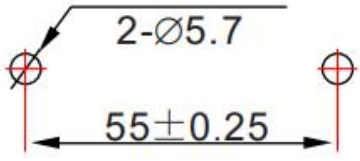
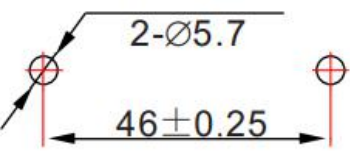
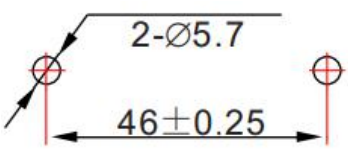
Model			PEACO-ADD150-I	PEACO-ADD250-I	PEACO-ADD400-I
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Intermittent	Intermittent	Intermittent
	Contact Form		1NO (1K)	1NO (1K)	1NO (1K)
	Contact Load		1A-150A 12V-72V DC	1A-250A 12V-72V DC	1A-400A 12V-72V DC
	Electrical Life		20,000times (150A 72V DC)	20,000times (250A 72V DC)	20,000times (400A 72V DC)
	Max. Switching Current		≤ 10Ie, ≤ 1s	≤ 8Ie, ≤ 1s	≤ 8Ie, ≤ 1s
	Contact Voltage Drop		≤ 80mV	≤ 80mV	≤ 80mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤25ms	≤25ms	≤25ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M5 Internal Thread/23mm	M8 External Thread/29mm	M10 External Thread/29mm
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤24W	≤24W	≤24W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Rated Load (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	280g	390g	400g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	58*55*61mm	72*80*68mm	72*80*68mm
		Energy Saving Type (E)	/	/	/
	Vibration		20G Max. Sin 80Hz-2000Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP67		
	Mounting Hole Dimension (mm)				

Application: golf cart, hybrid electric vehicles, engineering machinery, sightseeing cable car, communication power supply, battery charging and discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

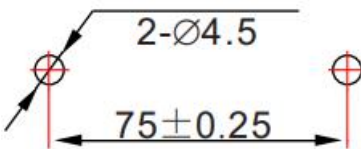
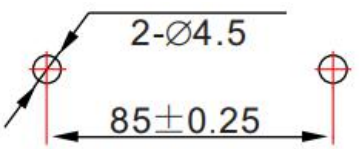
Model			PEACO-ASW50	PEACO-ASW100	PEACO-ASW200
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous or Intermittent	Continuous or Intermittent	Continuous or Intermittent
	Contact Form		1NO or 1NC	1NO or 1NC	1NO or 1NC
	Contact Load		1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC
	Electrical Life		20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)
	Max. Switching Current		≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
Energy Saving Type (E)		/	/	/	
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M6 Internal Thread/21mm	M8 External Thread/29mm	M8 External Thread/35mm
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤7W	≤8.5W	≤12W
Energy Saving Type (E)		/	/	/	
Auxiliary Contact Arrangement (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	240g	420g	700g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	69*34*88mm	59*40*93mm	86*46*122mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP50		
Mounting Hole Dimension (mm)					

Application: golf cart, hybrid electric vehicles, engineering machinery, sightseeing cable car, communication power supply, battery charging & discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-ASW400	PEACO-ASW500	PEACO-ASW800
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous or Intermittent	Continuous	Continuous
	Contact Form		1NO (1K)	1NO (1K)	1NO (1K)
	Contact Load		1A-400A 12V-72V DC	1A-500A 12V-72V DC	1A-800A 12V-72V DC
	Electrical Life		20,000times (400A 72V DC)	20,000times (500A 72V DC)	20,000times (800A 72V DC)
	Max. Switching Current		≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M10 External Thread/39.5mm	/	/
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤15W	≤15W	≤15W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	1350g	1470g	1860g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	102*85*160mm	128*56*130mm	129*64*143mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP50		
	Mounting Hole Dimension (mm)				

Application: lift, tower crane, dumb waiter, photovoltaic power generation, sewage treatment plant.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-ASW100-2K	PEACO-ASW100-1Z	PEACO-ASW200-1Z
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		2NO (2K)	1NO and 1 NC	1NO and 1 NC
	Contact Load		1A-100A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC
	Electrical Life		20,000times (100A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)
	Max. Switching Current		≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M8 External Thread/34mm	M8 External Thread/28.6mm	M8 External Thread/35mm
Coil	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤24W	≤12W	≤24W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	490g	450g	900g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	59*39*94mm	70*56*93mm	86*64*122mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP50		
	Mounting Hole Dimension (mm)				

Application: lift, tower crane, dumb waiter, photovoltaic power generation, sewage treatment plant.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-AZJ50	PEACO-AZJ100	PEACO-AZJ100-D
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		1NO	1NO	1NO
	Contact Load		1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-100A 12V-72V DC
	Electrical Life		20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (100A 72V DC)
	Max. Switching Current		≤ 7Ie, ≥ 1s	≤ 7Ie, ≥ 1s	≤ 7Ie, ≥ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M5 External Thread/43mm	M6 External Thread/55mm	M6 External Thread/55mm
Coil	Coil Type		Single/Dual Coil	Single Coil	Dual Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤4.4W	≤6.5W	Starting ≤130W/Holding ≤4W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			/	/	2A/48VDC, 5A/24VDC
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	76g	197g	166g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	56*38*57mm	70*44*68mm	70*44*68mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP50		
	Mounting Hole Dimension (mm)				

Application: electric vehicles, hybrid electric vehicles, fuel cell cars, construction machinery, photovoltaic power generation, wind power, battery charging and discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

DC Contactors

Model			PEACO-AZJ200/ PEACO-AZJ200-D	PEACO-AZJ400/ PEACO-AZJ400-D	PEACO-AZJ600/ PEACO-AZJ600-D
DC Contactor Picture					
Technical Parameter					
Contact	Working Duty		Continuous	Continuous	Continuous
	Contact Form		1NO	1NO	1NO
	Contact Load		1A-200A 12V-72V DC	1A-400A 12V-72V DC	1A-600A 12V-72V DC
	Electrical Life		20,000times (200A 72V DC)	20,000times (400A 72V DC)	20,000times (600A 72V DC)
	Max. Switching Current		≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contact Voltage Drop		≤ 100mV	≤ 100mV	≤ 100mV
	Dielectric Withstanding Voltage	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
		Energy Saving Type (E)	/	/	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
		Energy Saving Type (E)	/	/	/
Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms	
Load Terminal and Center Distance			M8 External Thread/65.5mm	M10 External Thread/80mm	M12 External Thread/105mm
Coil	Coil Type		Single/Dual Coil	Single/Dual Coil	Single/Dual Coil
	Rated Voltage		12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC	12V/24V/36V/48V/72V DC
	Pull-In Voltage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
		Energy Saving Type (E)	/	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
		Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	≤8.3W	≤8.5W	≤13.5W
		Energy Saving Type (E)	/	/	/
Auxiliary Contact Arrangement (Optional)			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC (for AZJ400-D)	2A/48VDC, 5A/24VDC (for AZJ600-D)
Mechanical Life			2,000,000 times	2,000,000 times	2,000,000 times
Others	Weight	Standard Type (S)	431g	860g	1510g
		Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	85*57*85mm	104*66*102mm	130*82*110mm
		Energy Saving Type (E)	/	/	/
	Vibration		2.5G Max. 5Hz-50Hz		
	Humidity		5%-85%RH		
	Temperature Range		-25℃~55℃		
	Protection Grade		IP50		
	Mounting Hole Dimension (mm)				

Application: electric vehicles, hybrid electric vehicles, fuel cell cars, construction machinery, photovoltaic power generation, wind power, battery charging and discharging system.

Notes:

- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

PEACO-ADH30 High-Voltage DC Contactor

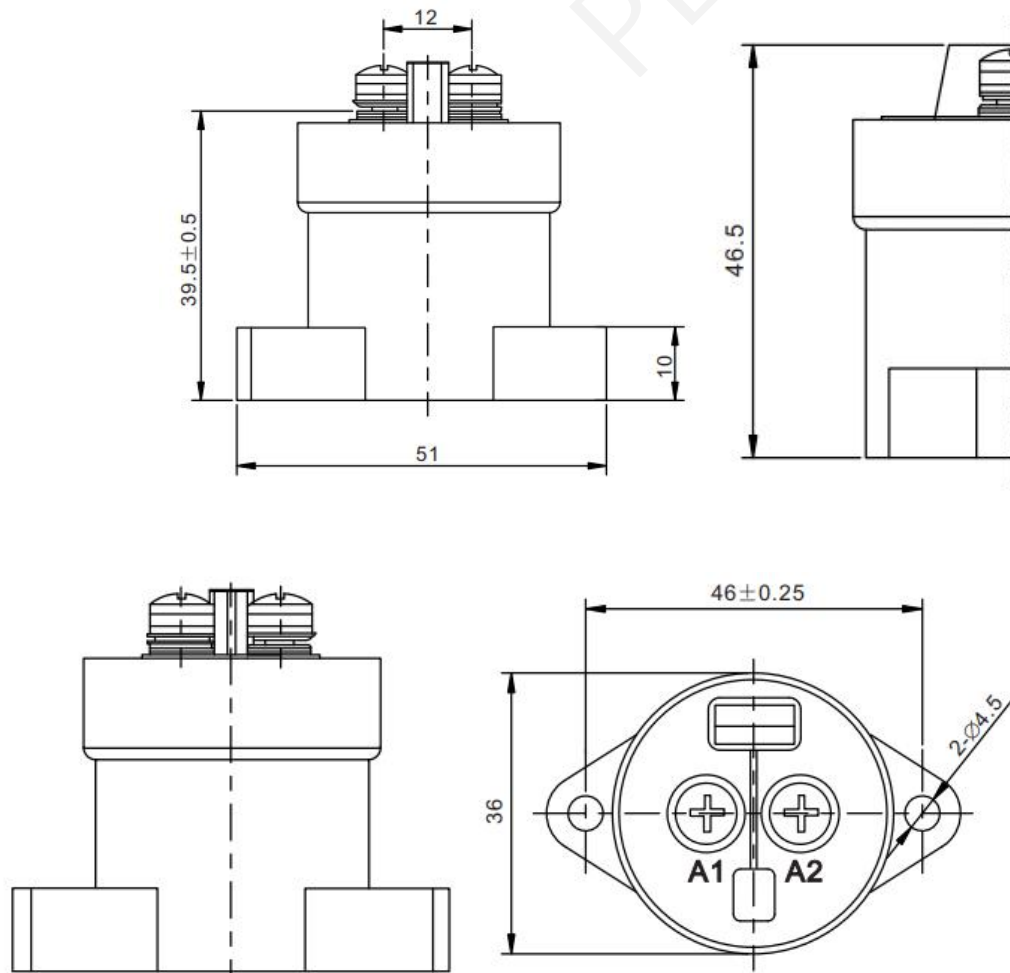
Features

- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

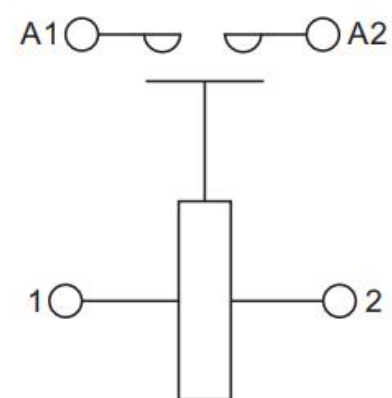
High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000M Ω (500V DC)	
		Between Contacts and Coil	1000M Ω (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000M Ω (500V DC)	
		Between Contacts	4000VAC, \leq 1mA	
		Between Contacts and Coil	2500VAC, \leq 1mA	
Mechanical Specifications	Shock	Stability	147m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		6000 times (30A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M5 Internal Thread
	Contact Resistance	\leq 30m Ω (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC
	Rated Load Current	30A	Max. Switching Power	100 kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		30A	
	Short Time Overload Current (40mm ² at 40°C)		75A 15min, 100A 3min, 150A 30s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		\leq 9V	\leq 18V
	Release Voltage		\geq 1V	\geq 2V
	Coil Resistance		40 \times (1 \pm 10%) Ω	152 \times (1 \pm 10%) Ω
	Min Start Current & Average Holding Current		0.46A	0.25A
	Steady State Power		5.5W	6W
	Actuation Times		\leq 30ms	\leq 30ms
	Dropout Times		\leq 10ms	\leq 10ms
	Bounce Times		\leq 5ms	\leq 5ms

Dimension and Installation (Unit: mm)



Connection Diagram



Re: A1, A2 are for the load, 1, 2 are for the coil end.
Load and coil have no polarity.

PEACO-ADH50 High-Voltage DC Contactor

Features

- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

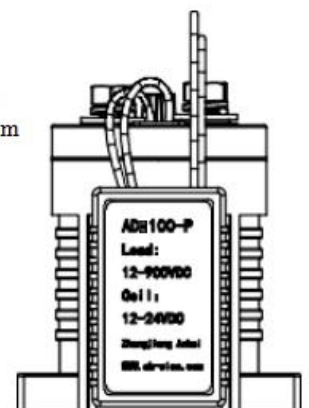
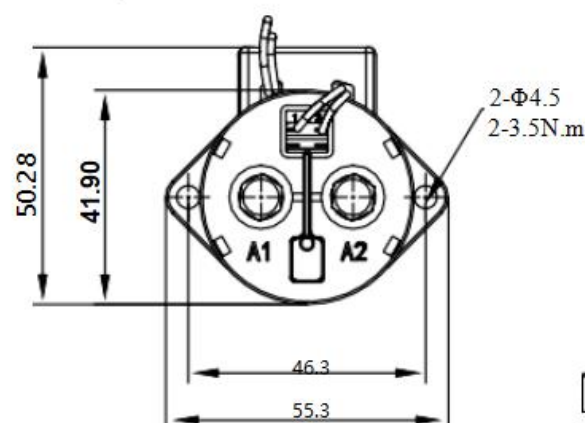
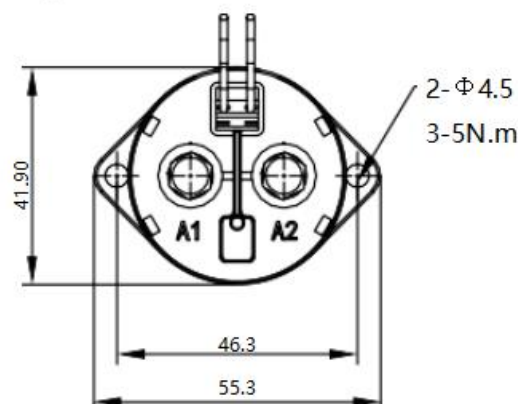
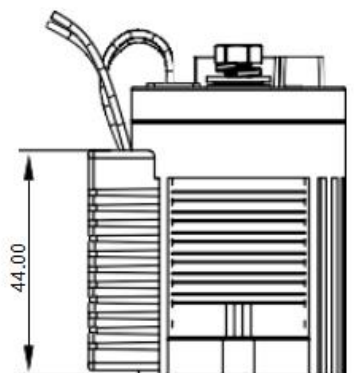
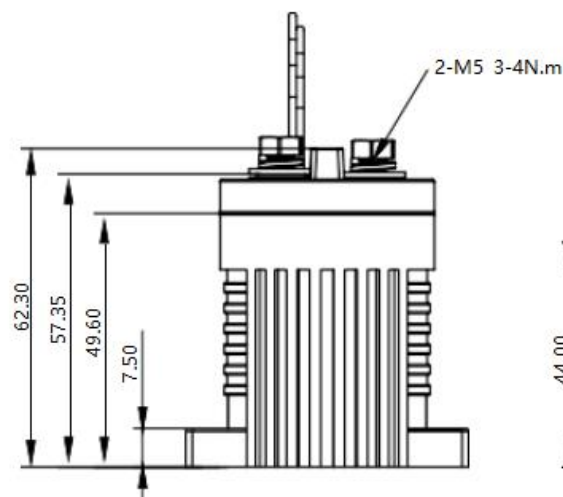
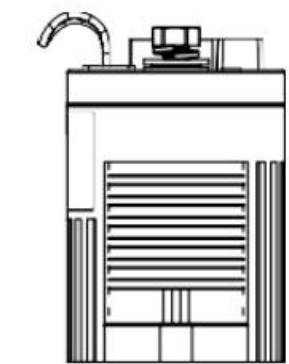
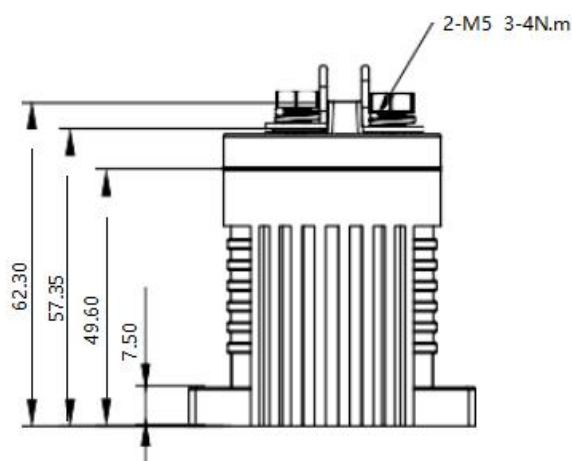
High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	8000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		10,000 times (50A 750V DC)	
Main Contact Parameters	Contact Form	SPST-NO, 1NO	Terminal	M5 Internal Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC
	Rated Load Current	50A	Max. Switching Power	160 kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		50A	
	Short Time Overload Current (40mm ² at 40°C)		75A 15min, 100A 3min, 150A 30s	
	Voltage Type		Standard Type Voltage	Energy-Saving Type
Coil Parameters	Voltage		12VDC	24VDC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤9V	≤18V
	Release Voltage		≥1V	≥2V
	Coil Resistance		26Ω	96Ω
	Min Starting Current & Average Holding Current		0.46A	0.25A
	Transient Inrush Current		/	/
	Steady State Power		5.5W	6W
	Actuation Times		≤25ms	≤25ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms

Dimension and Installation (Unit: mm)

ADH50-E

ADH50-S



PEACO-ADH100 High-Voltage DC

Features

- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

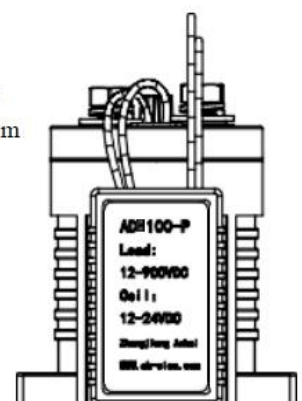
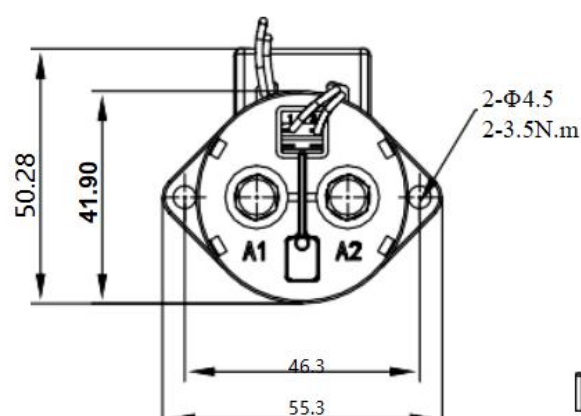
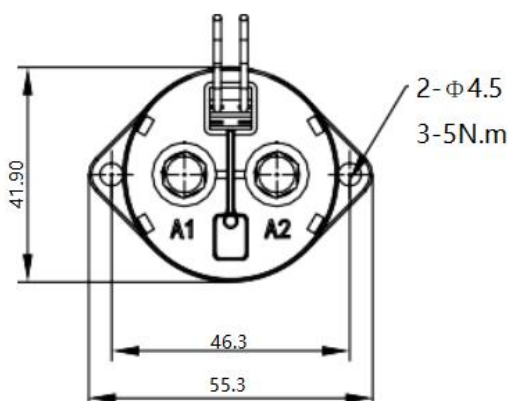
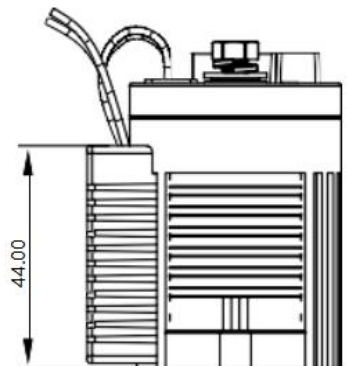
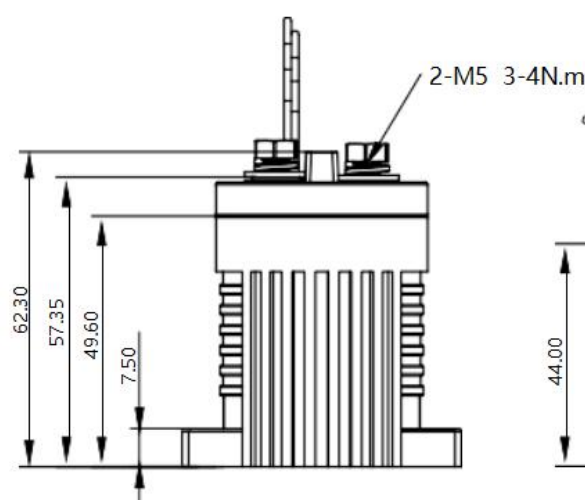
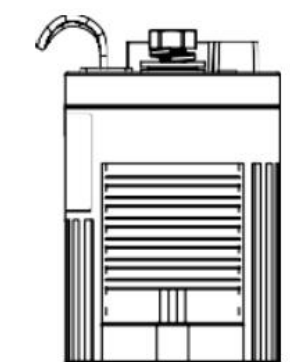
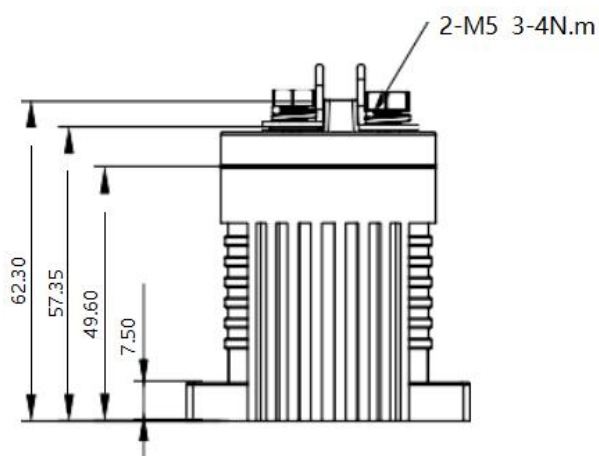
High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	8000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		10,000 times (100A 750V DC)	
Main Contact Parameters	Contact Form	SPST-NO, 1NO	Terminal	M5 Internal Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC
	Rated Load Current	100A	Max. Switching Power	320 kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		100A	
	Short Time Overload Current (40mm ² at 40°C)		150A 15min, 200A 3min, 300A 30s	
Coil Parameters	Voltage Type		Standard Type Voltage	
	Voltage		12VDC	24VDC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤9V	≤18V
	Release Voltage		≥1V	≥2V
	Coil Resistance		26Ω	96Ω
	Min Starting Current & Average Holding Current		0.46A	0.25A
	Transient Inrush Current		/	/
	Steady State Power		5.5W	6W
	Actuation Times		≤25ms	≤25ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
			Energy-Saving Type	
			12V/24V DC	
			8-36V	
			36V	
			7-8V	
			5-6V	
			4.7Ω	
			1.5A & 0.18(@12V)	
			2.5 (0.1s)A	
			2-2.3W	
			≤20ms	
			≤10ms	
			≤5ms	

Dimension and Installation (Unit: mm)

ADH100-E

ADH100-S



➔ PEACO-ADH150-E High-Voltage DC

Features

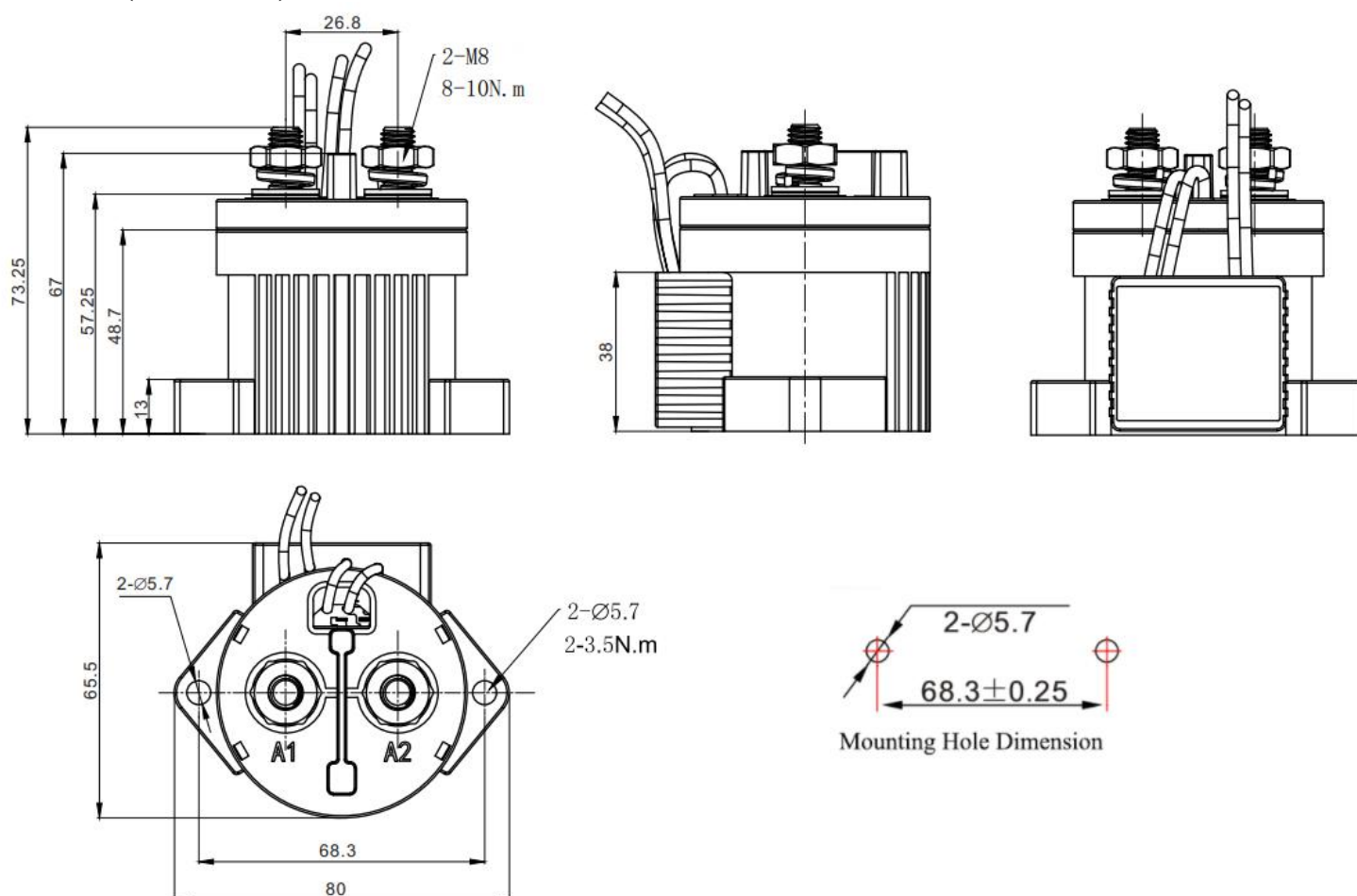
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	10000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		10,000 times (150A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M6 Internal Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12-1000V DC
	Rated Load Current	150A	Max. Switching Power	480kW
	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA
	Auxiliary Contact Form		F-K/B/Z	
	Min. Load / Contact Resistance		1A 12V DC / <0.1Ω	
	Standard Continuous (Carry) Current (40mm ² Leads)		150A	
	Short Time Overload Current (40mm ² at 40°C)		250A 5min, 300A 2min, 400A 30s	
Coil Parameters	Voltage Type		Energy-Saving Type Voltage	
	Voltage		12V/24V DC	
	Working Voltage		8~36V	
	Max. Voltage		36V	
	Action Voltage		7-8V	
	Dropout Voltage		5-6V	
	Coil Resistance		3.1Ω	
	Min Starting Current & Average Holding Current		2A & 0.14A (@12V)	
	Transient Inrush Current		2.5A (0.1s)	
	Steady State Power		1.7-2W	
	Actuation Times		≤30ms	
	Dropout Times		≤10ms	
	Bounce Times		≤5ms	

Notes: 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Dimension and Installation (Unit: mm)



➔ PEACO-ADH200-E High-Voltage DC

Features

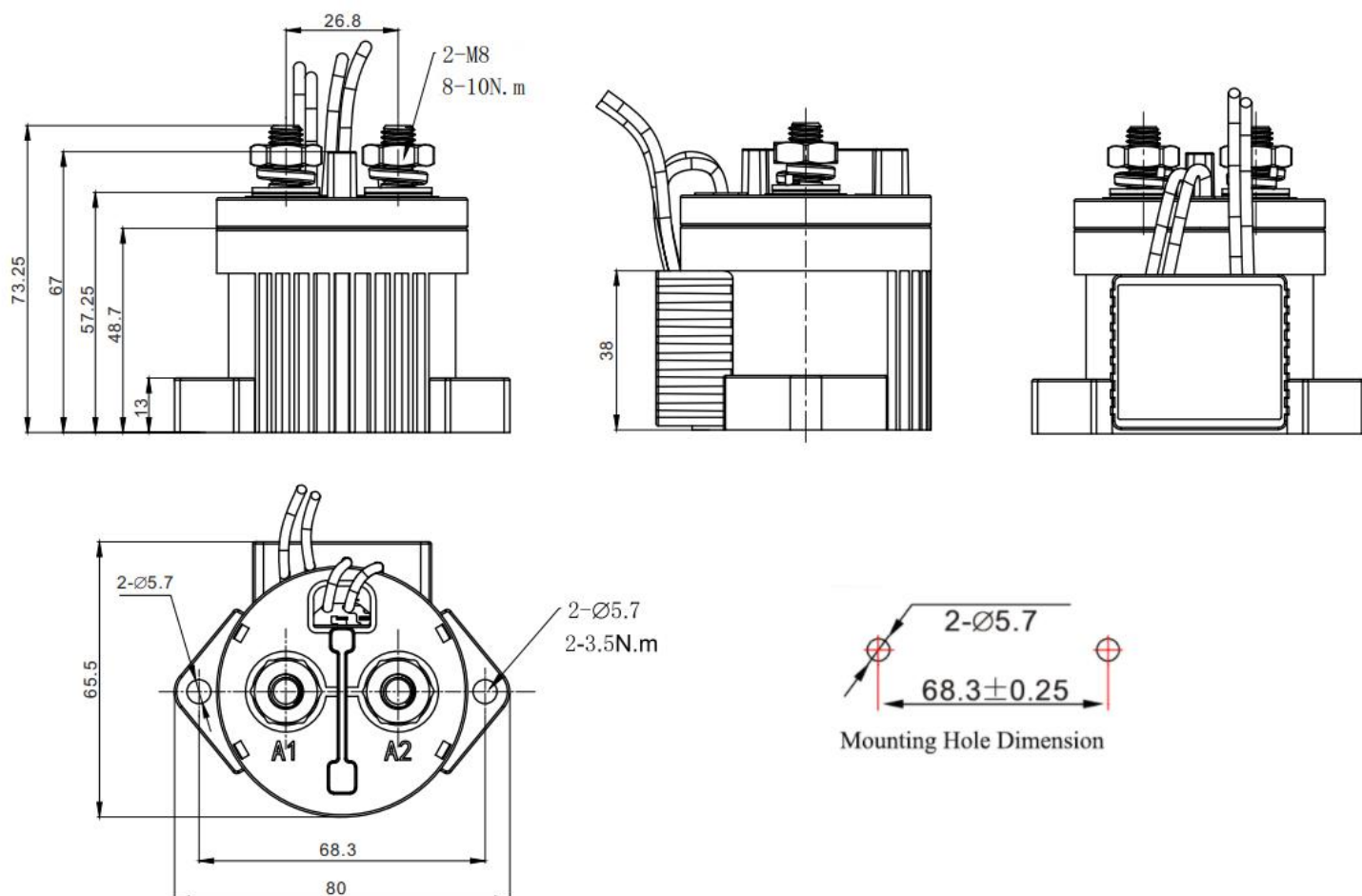
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	10000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		10,000 times (200A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M8 Internal Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12-1000V DC
	Rated Load Current	200A	Max. Switching Power	640kW
	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA
	Auxiliary Contact Form		F-K/B/Z	
	Min. Load / Contact Resistance		1A 12V DC / <0.1Ω	
	Standard Continuous (Carry) Current (40mm ² Leads)		200A	
	Short Time Overload Current (40mm ² at 40°C)		320A 5min, 400A 2min, 500A 30s	
	Voltage Type		Energy-Saving Type Voltage	
	Voltage		12V/24V DC	
Coil Parameters	Working Voltage		8~36V	
	Max. Voltage		36V	
	Action Voltage		7-8V	
	Dropout Voltage		5-6V	
	Coil Resistance		3.1Ω	
	Min Starting Current & Average Holding Current		2A & 0.14A (@12V)	
	Transient Inrush Current		2.5A (0.1s)	
	Steady State Power		1.7-2W	
	Actuation Times		≤30ms	
	Dropout Times		≤10ms	
	Bounce Times		≤5ms	

Notes: 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Dimension and Installation (Unit: mm)



➔ PEACO-ADH250-E High-Voltage DC

Features

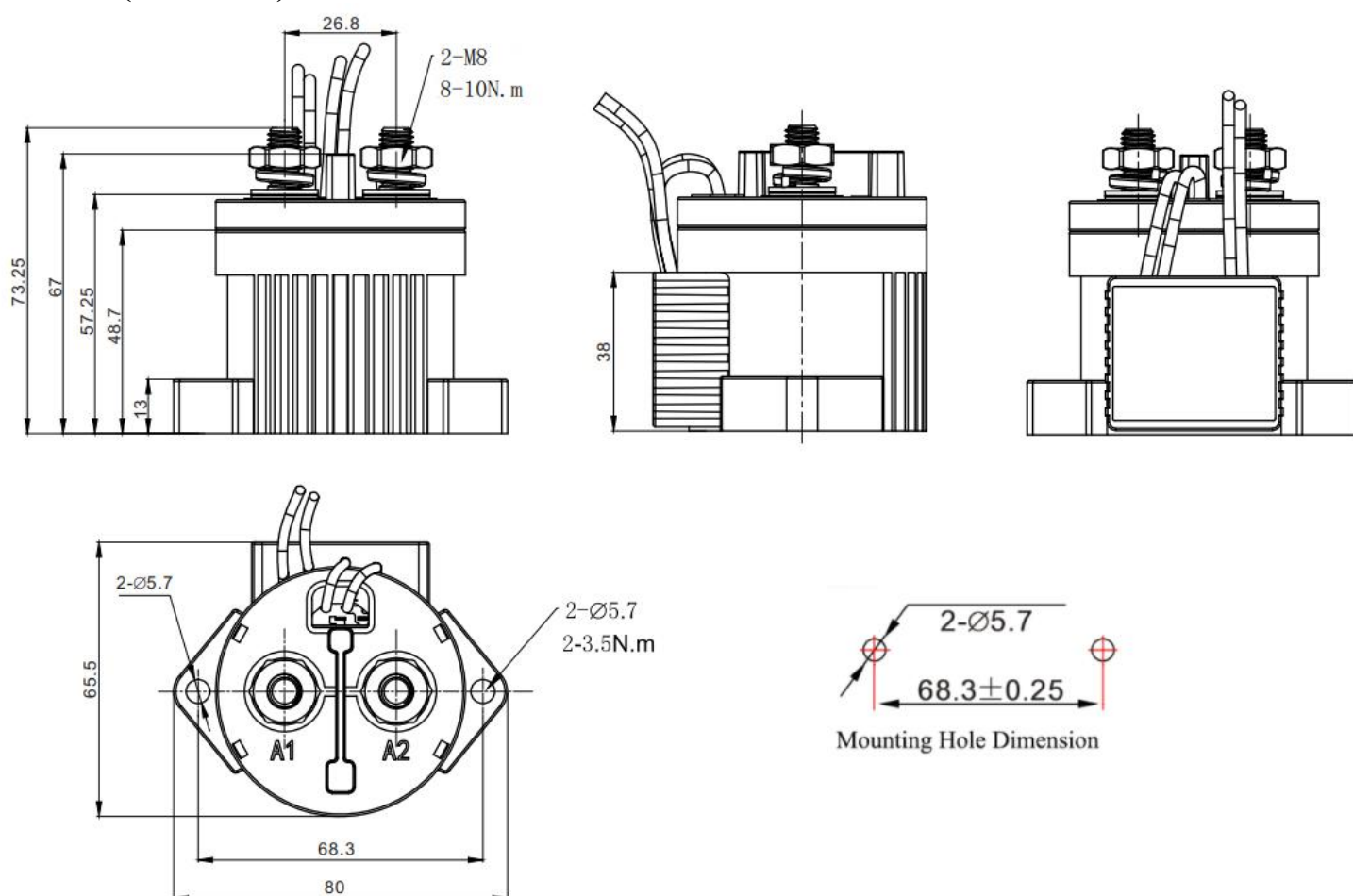
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	10000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		8,000 times (250A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M10 Internal Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12-1000V DC
	Rated Load Current	250A	Max. Switching Power	800kW
	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA
	Auxiliary Contact Form		F-K/B/Z	
	Min. Load / Contact Resistance		1A 12V DC / <0.1Ω	
	Standard Continuous (Carry) Current (40mm ² Leads)		250A	
	Short Time Overload Current (40mm ² at 40°C)		400A 5min, 500A 2min, 600A 30s	
Coil Parameters	Voltage Type		Energy-Saving Type Voltage	
	Voltage		12V/24V DC	
	Working Voltage		8~36V	
	Max. Voltage		36V	
	Action Voltage		7-8V	
	Dropout Voltage		5-6V	
	Coil Resistance		3.1Ω	
	Min Starting Current & Average Holding Current		2A & 0.14A (@12V)	
	Transient Inrush Current		2.5A (0.1s)	
	Steady State Power		1.7-2W	
	Actuation Times		≤30ms	
	Dropout Times		≤10ms	
	Bounce Times		≤5ms	

Notes: 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Dimension and Installation (Unit: mm)



PEACO-ADH300-E High-Voltage DC

Features

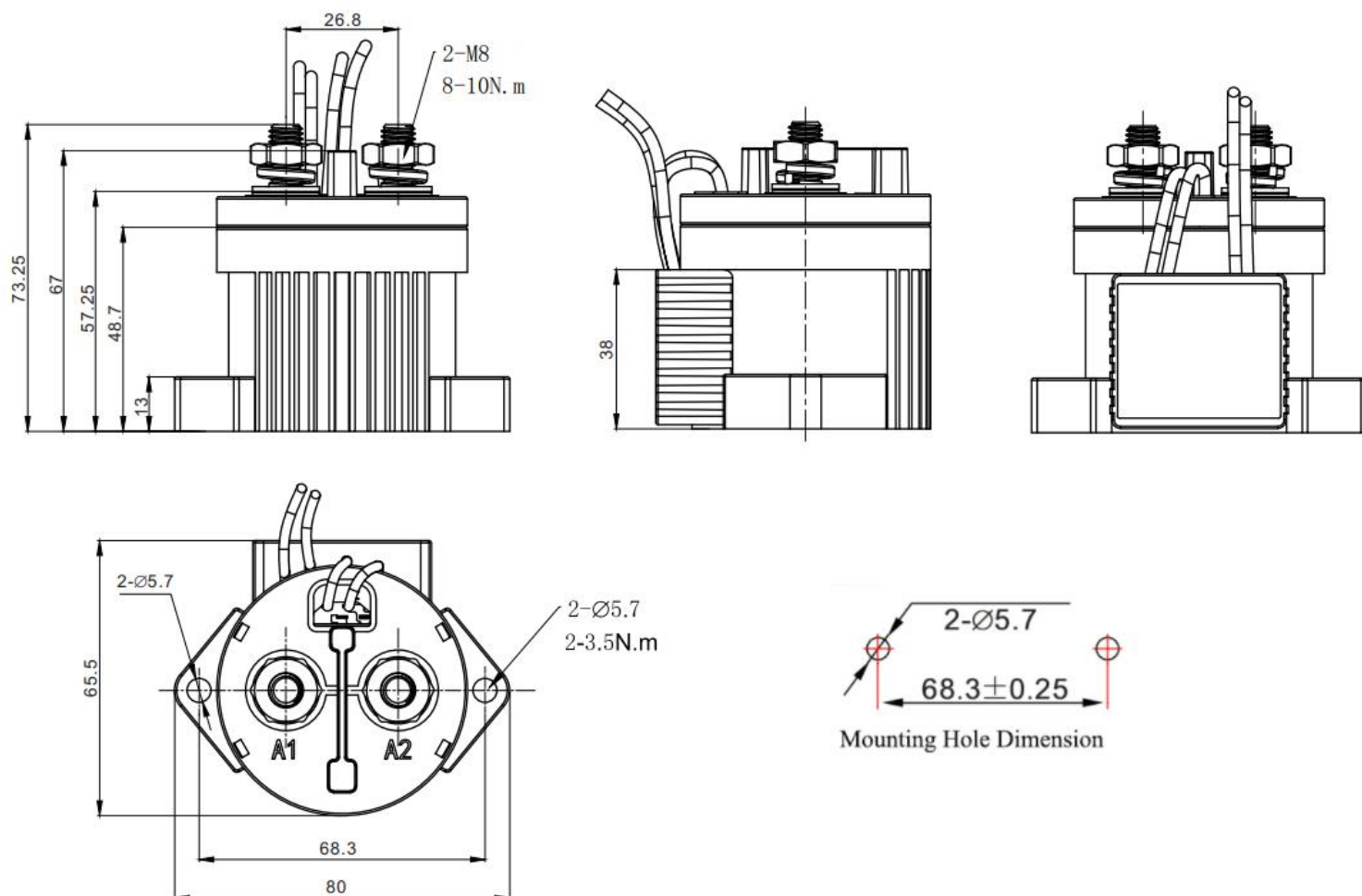
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000M Ω (500V DC)	
		Between Contacts and Coil	1000M Ω (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000M Ω (500V DC)	
		Between Contacts	10000VAC, \leq 1mA	
		Between Contacts and Coil	2500VAC, \leq 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		6,000 times (300A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M10 External Thread
	Contact Resistance	\leq 30m Ω (@ 6VDC 20A)	Rated Load Voltage	12-1000V DC
	Rated Load Current	300A	Max. Switching Power	950kW
	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA
	Auxiliary Contact Form		F-K/B/Z	
	Min. Load / Contact Resistance		1A 12V DC / $<$ 0.1 Ω	
	Standard Continuous (Carry) Current (40mm ² Leads)		300A	
	Short Time Overload Current (40mm ² at 40°C)		400A 5min, 500A 2min, 600A 30s	
Coil Parameters	Voltage Type		Energy-Saving Type Voltage	
	Voltage		12V/24V DC	
	Working Voltage		8~36V	
	Max. Voltage		36V	
	Action Voltage		7-8V	
	Dropout Voltage		5-6V	
	Coil Resistance		3.1 Ω	
	Min Starting Current & Average Holding Current		2A & 0.14A (@12V)	
	Transient Inrush Current		2.5A (0.1s)	
	Steady State Power		1.7-2W	
	Actuation Times		\leq 30ms	
	Dropout Times		\leq 10ms	
	Bounce Times		\leq 5ms	

Notes: 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Dimension and Installation (Unit: mm)



PEACO-ADH500-E High-Voltage DC

Features

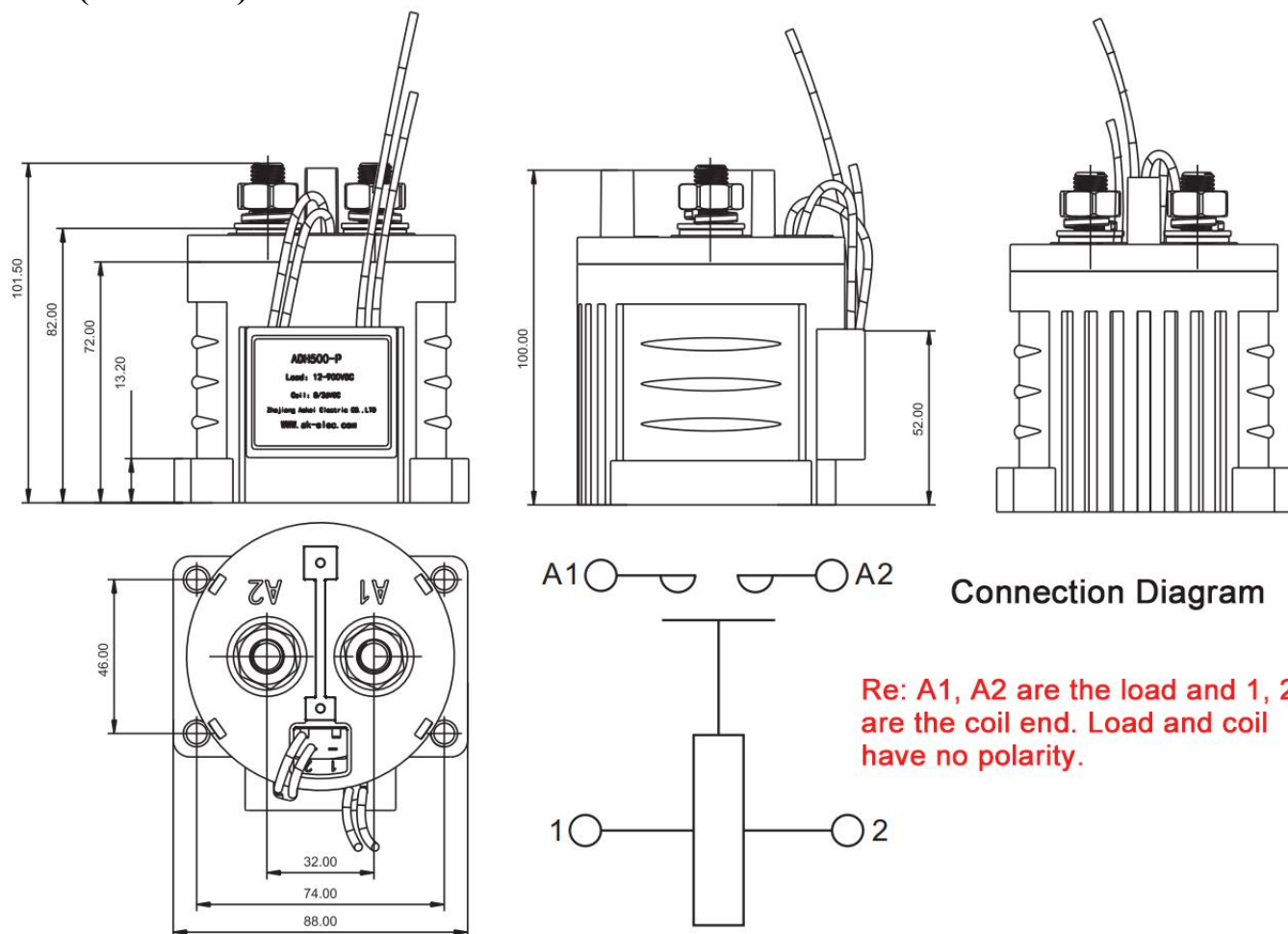
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- No electromagnetic counter force.
- Compact design, low noise.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (500V DC)	
		Between Contacts and Coil	1000MΩ (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (500V DC)	
		Between Contacts	2500VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		3,000 times (500A 750V DC)	
Main Contact Parameters	Contact Form	1NO	Terminal	M12 External Thread
	Contact Resistance	≤30mΩ (@ 6VDC 20A)	Rated Load Voltage	12-1000V DC
	Rated Load Current	500A	Max. Switching Power	1600kW
	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA
	Auxiliary Contact Form		F-K/B/Z	
	Min. Load / Contact Resistance		1A 12V DC / <0.1Ω	
	Standard Continuous (Carry) Current (40mm ² Leads)		500A	
	Short Time Overload Current (40mm ² at 40°C)		400A 5min, 500A 2min, 600A 30s	
Coil Parameters	Voltage Type		Energy-Saving Type Voltage	
	Voltage		12V/24V DC	
	Working Voltage		8~36V	
	Max. Voltage		36V	
	Action Voltage		7-8V	
	Dropout Voltage		5-6V	
	Coil Resistance		3.1Ω	
	Min Starting Current & Average Holding Current		2A & 0.14A (@12V)	
	Transient Inrush Current		2.5A (0.1s)	
	Steady State Power		1.7-2W	
	Actuation Times		≤30ms	
	Dropout Times		≤10ms	
	Bounce Times		≤5ms	

Notes: 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

Dimension and Installation (Unit: mm)



PEACO-ADH100X-2K High-Voltage DC

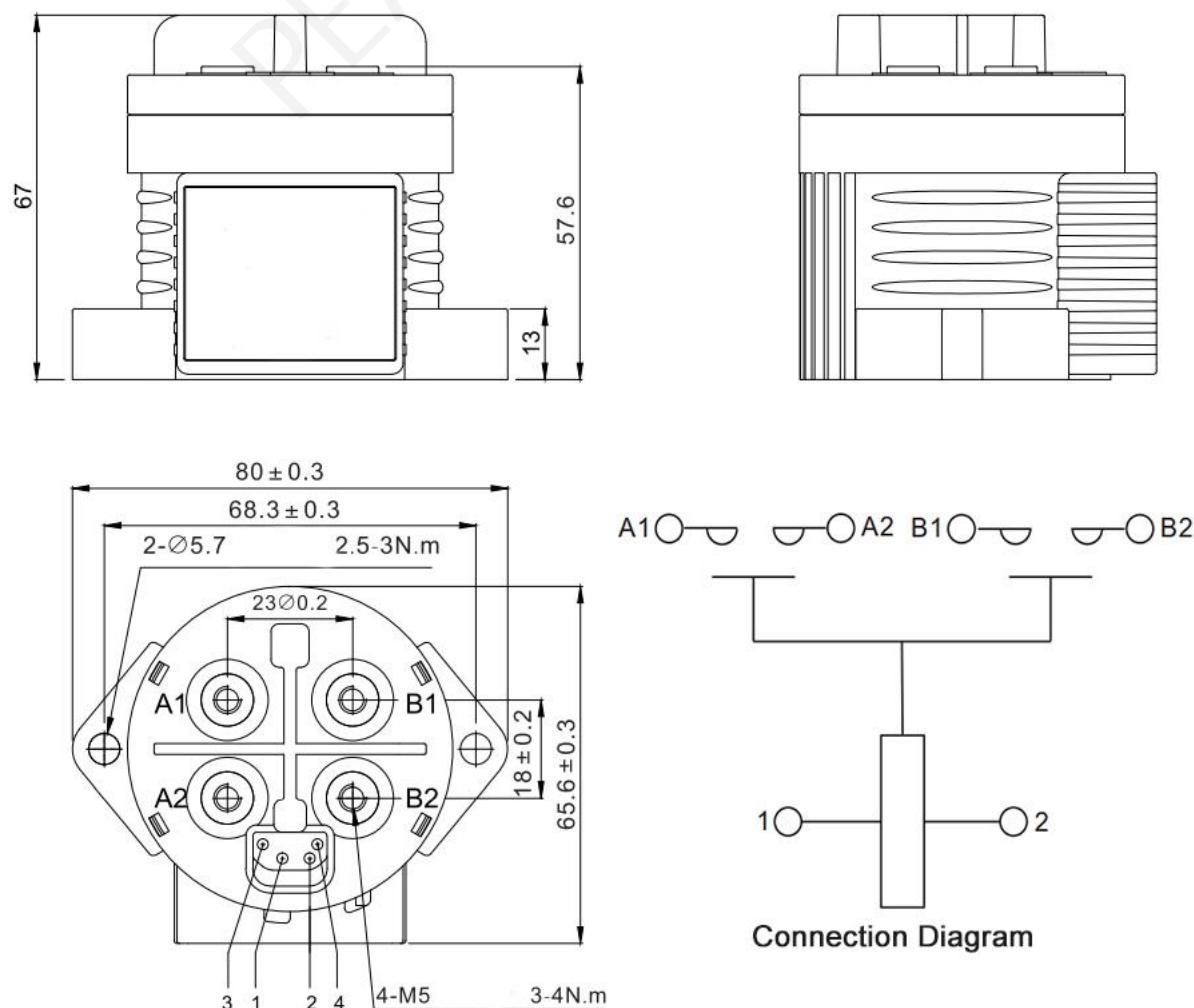
Features

- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- Two sets of main contacts can control the total positive and negative of the load simultaneously and also improve the reliability of the breaking.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- Two kinds of installation: DIN35mm guide rails and mounting holes. Protection cover can improve the safety of the contact. Other rated voltages of coil can be customized for your needs.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000M Ω (500V DC)	
		Between Contacts and Coil	1000M Ω (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000M Ω (500V DC)	
		Between Contacts	8000VAC, $\leq 1\text{mA}$	
		Between Contacts and Coil	2500VAC, $\leq 1\text{mA}$	
Mechanical Specifications	Shock	Stability	147m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		10, 000 times (100A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 2NO	Terminal	M6 Internal Thread
	Contact Resistance	$\leq 30\text{m}\Omega$ (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC
	Rated Load Current	100A	Max. Switching Power	160 kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		100A	
	Short Time Overload Current (40mm ² at 40°C)		150A 15min, 200A 3min, 300A 30s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		$\leq 9\text{V}$	$\leq 18\text{V}$
	Release Voltage		$\geq 1\text{V}$	$\geq 2\text{V}$
	Coil Resistance		13 Ω ($\pm 10\%$)	48 Ω ($\pm 10\%$)
	Min Starting Current & Average Holding Current		0.92A & 0.9A	0.5A
	Steady State Power		11W	12W
	Actuation Times		$\leq 30\text{ms}$	$\leq 30\text{ms}$
	Dropout Times		$\leq 10\text{ms}$	$\leq 10\text{ms}$
	Bounce Times		$\leq 5\text{ms}$	$\leq 5\text{ms}$

Dimension and Installation (Unit: mm)



Re: A1, A2 are the load and 1, 2 are the coil end. Load and coil have no polarity.

A1, A2 --- Group A main contacts. B1, B2 --- Group B main contacts. 1, 2 --- Coil Driver. 3, 4 --- NO auxiliary contact.

PEACO-ADH100-2K High-Voltage DC

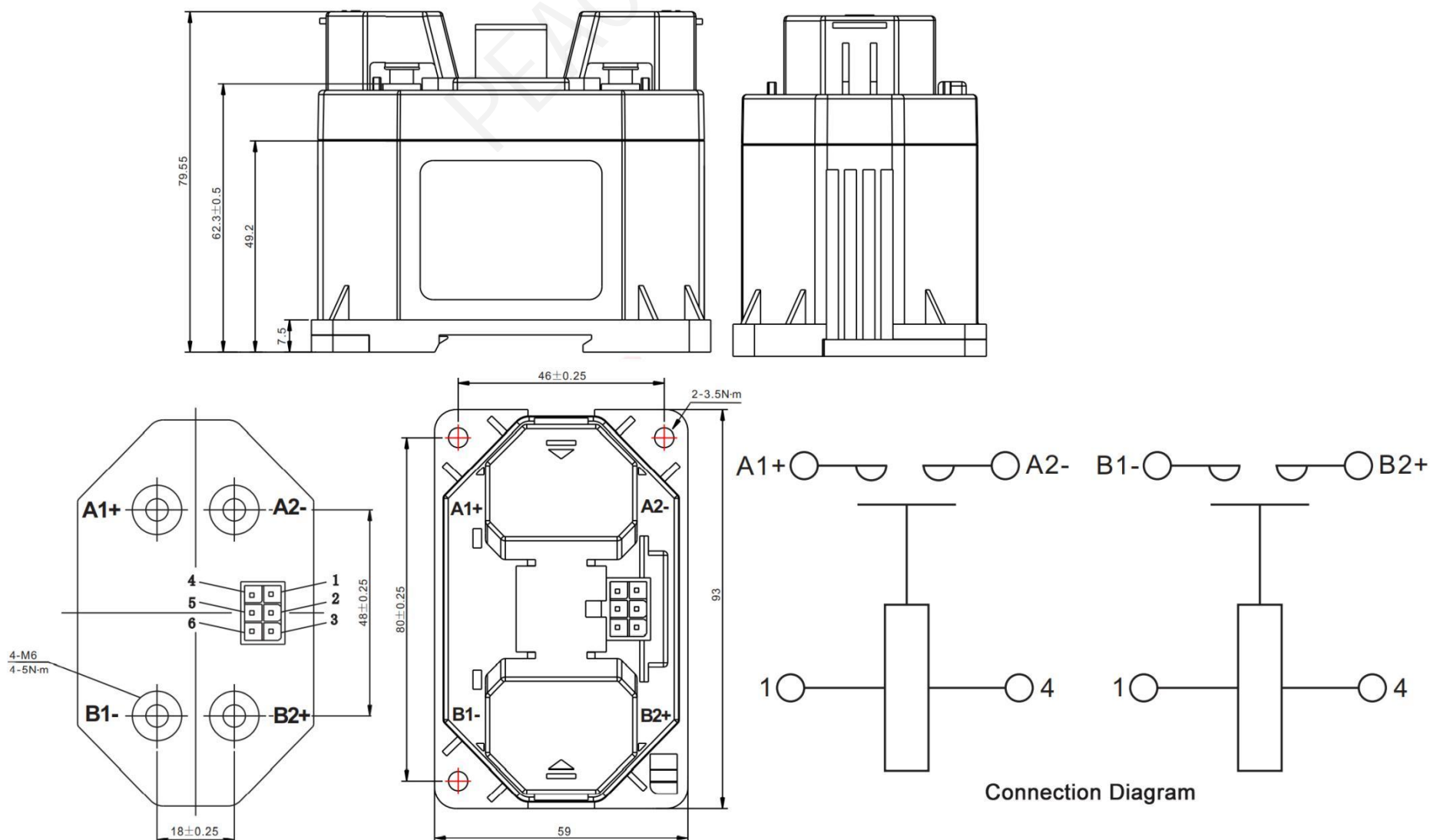
Features

- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- Two sets of main contacts can control the total positive and negative of the load simultaneously and also improve the reliability of the breaking.
- Non-polarity. There is no polarity requirement for contacts and coil connections.
- Two kinds of installation: DIN35mm guide rails and mounting holes. Protection cover can improve the safety of the contact.
- CE, IS9001, UL, CCC and RoHS compliant. Other rated voltages of coil can be customized for your needs.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000M Ω (500V DC)	
		Between Contacts and Coil	1000M Ω (500V DC)	
	Dielectric Strength	Between Contacts and Shell	1000M Ω (500V DC)	
		Between Contacts	8000VAC, \leq 1mA	
		Between Contacts and Coil	2500VAC, \leq 1mA	
Mechanical Specifications	Shock	Stability	147m/s ² (6 ms)	
		Strength	490m/s ² (6 ms)	
	Vibration		20G Max. Sin 80Hz-2000Hz	
Expected Life	Mechanical Life		1,000,000 times	
	Electrical Endurance (Resistance)		6,000 times (100A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 2NO	Terminal	M6 Internal Thread
	Contact Resistance	\leq 30m Ω (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC
	Rated Load Current	100A	Max. Switching Power	160 kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		100A	
	Short Time Overload Current (40mm ² at 40°C)		150A 15min, 200A 3min, 300A 30s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		\leq 9V	\leq 18V
	Release Voltage		\geq 1V	\geq 2V
	Coil Resistance		13 Ω (\pm 10%)	48 Ω (\pm 10%)
	Min Starting Current & Average Holding Current		0.92A & 0.9A	0.5A
	Steady State Power		11W	12W
	Actuation Times		\leq 30ms	\leq 30ms
	Dropout Times		\leq 10ms	\leq 10ms
	Bounce Times		\leq 5ms	\leq 5ms

Dimension and Installation (Unit: mm)



Re: Other rated voltages can be customized for your requirement. A1, A2 are the load and 1, 2 are the coil end. Load has no polarity and coil has no polarity. A1+, A2- --- Group A main contacts. B1+, B2- --- Group B main contacts. 1, 4 --- Coil Driver. 2, 5 --- NO auxiliary contact. 3, 6 --- NO auxiliary contact.

➔ PEACO-ADE20 High-Voltage DC Contactor

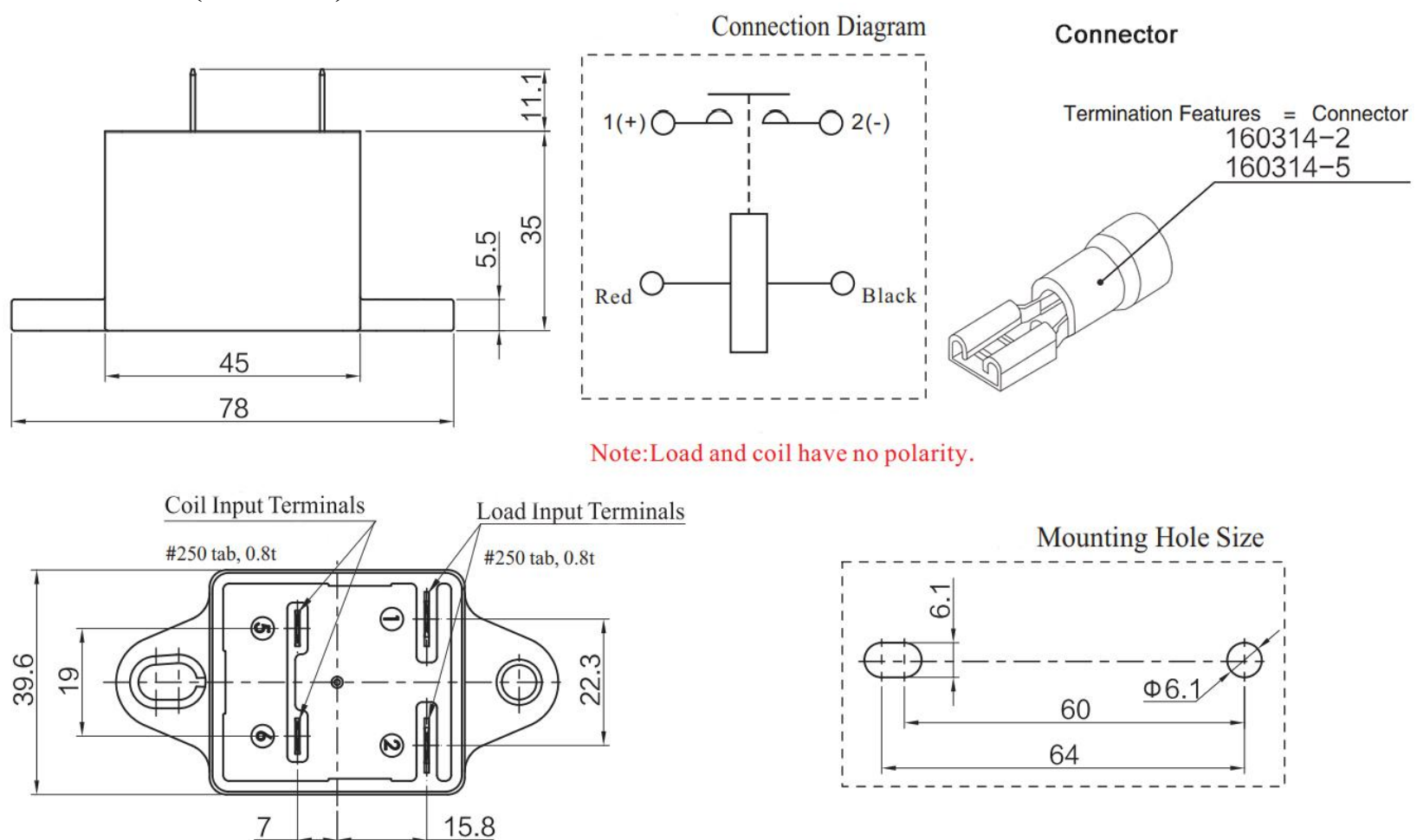
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 20A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	4000VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		200,000 times	
	Resistive Load Life (Switching)		100,000 times (20A 450V DC)	
			75,000 times (20A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	Connector
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	20A	Max. Switching Power	450V 9kW, 750V 15kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		20A	
	Short Time Overload Current (40mm ² at 40°C)		20A continuous, 30A 60min, 40A 20min, 80A 30s, 120A 10s, 200A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		48Ω (±10%)	190Ω (±10%)
	Min Starting Current & Average Holding Current		0.25A	0.13A
	Steady State Power		3W	3W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		78*39.6*46.1mm	
	Weight		150g	

Dimension and Installation (Unit: mm)



PEACO-ADE40 High-Voltage DC Contactor

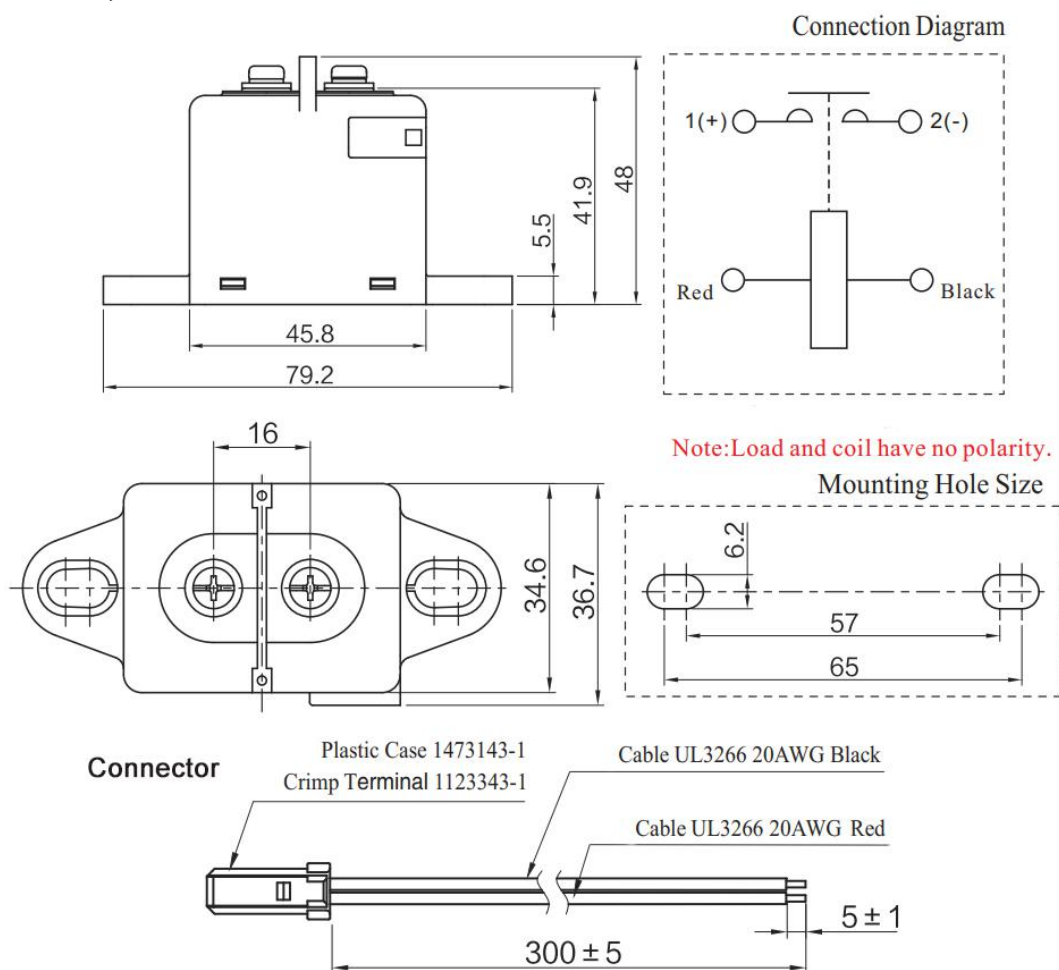
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 40A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	4000VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		200,000 times	
	Resistive Load Life (Switching)		75,000 times (40A 450V DC)	
			75,000 times (40A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M2 Internal Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	40A	Max. Switching Power	450V 18kW, 750V 30kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		40A	
	Short Time Overload Current (40mm ² at 40°C)		40A continuous, 60A 60min, 80A 20min, 160A 30s, 320A 10s, 400A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		48Ω (±10%)	190Ω (±10%)
	Min Starting Current & Average Holding Current		0.25A	0.13A
	Steady State Power		3W	3W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		79.2*36.7*48mm	
	Weight		150g	

Dimension and Installation (Unit: mm)



➔ PEACO-ADE100 High-Voltage DC

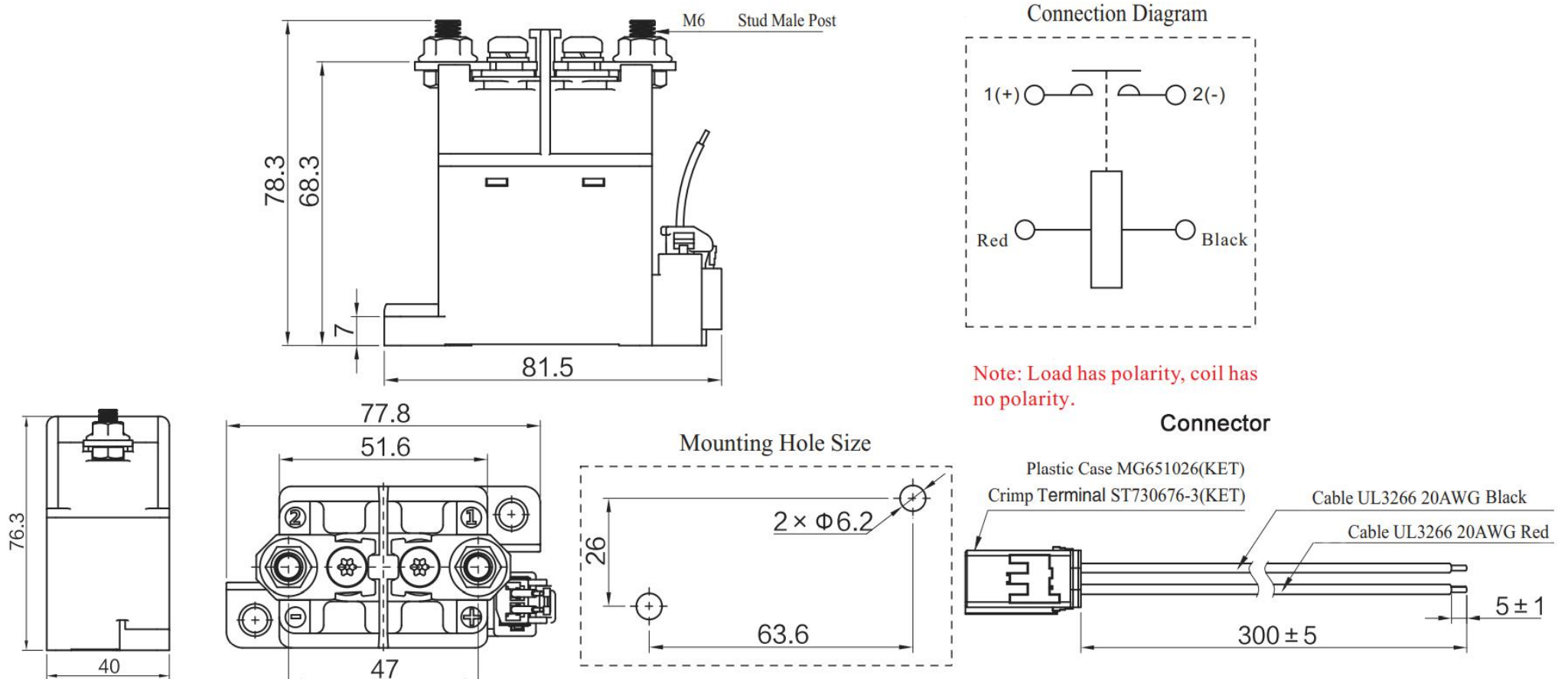
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 100A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	4000VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		6,000 times (100A 450V DC)	
			6,000 times (100A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M6 External Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	100A	Max. Switching Power	450V 45kW, 750V 75kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		100A	
	Short Time Overload Current (40mm ² at 40°C)		100A continuous, 120A 2h, 200A 10min, 400A 2min, 600A 30s, 1000A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		32Ω (±10%)	128Ω (±10%)
	Min Starting Current & Average Holding Current		0.38A	0.19A
	Steady State Power		4.5W	4.5W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		81.5*40.0*78.3mm	
	Weight		400g	

Dimension and Installation (Unit: mm)



➔ PEACO-ADE150 High-Voltage DC

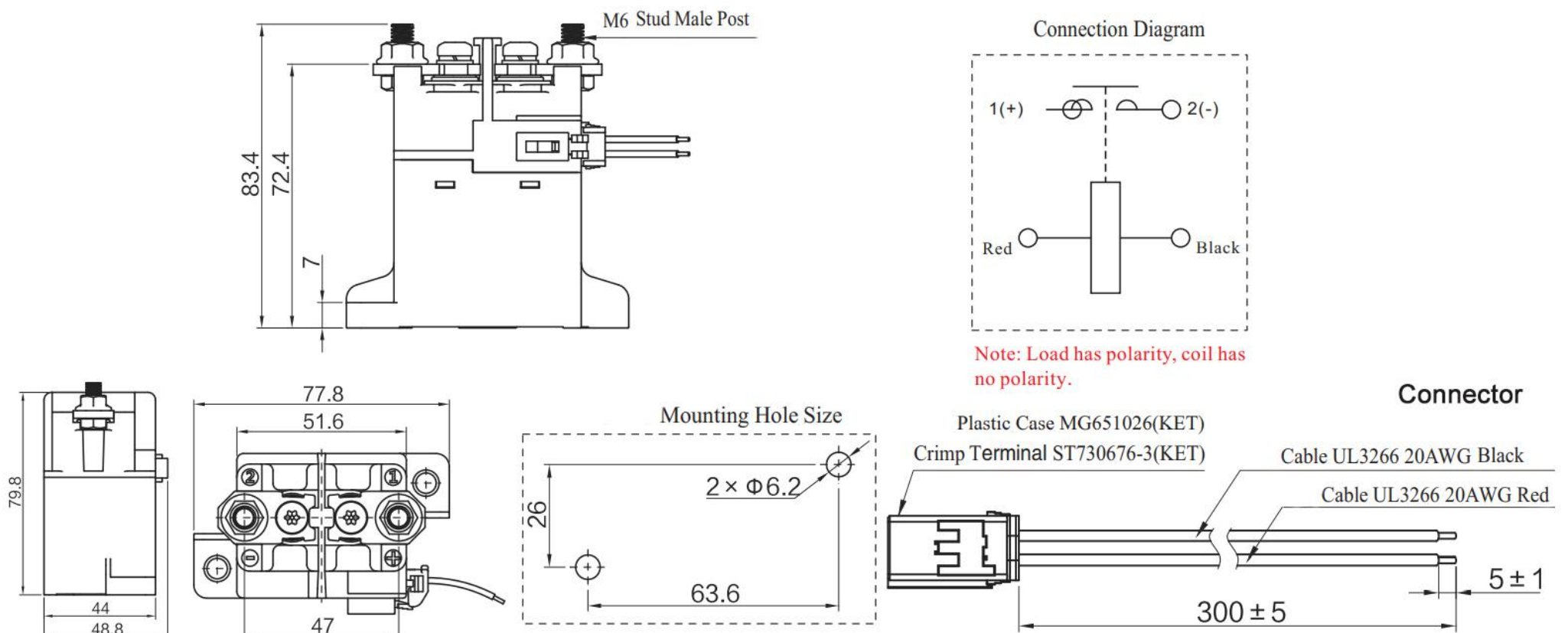
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 150A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	4000VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		6,000 times (150A 450V DC)	
			6,000 times (150A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M6 External Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	150A	Max. Switching Power	450V 67.5kW, 750V 112.5kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		150A	
	Short Time Overload Current (40mm ² at 40°C)		150A continuous, 180A 2h, 300A 10min, 600A 2min, 900A 30s, 1500A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		24Ω (±10%)	96Ω (±10%)
	Min Starting Current & Average Holding Current		0.5A	0.25A
	Steady State Power		6W	6W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		77.8*48.8*83.4mm	
	Weight		450g	

Dimension and Installation (Unit: mm)



➔ PEACO-ADE200 High-Voltage DC

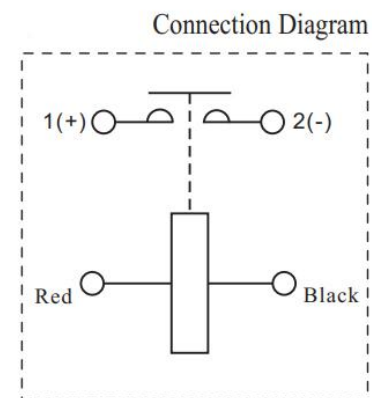
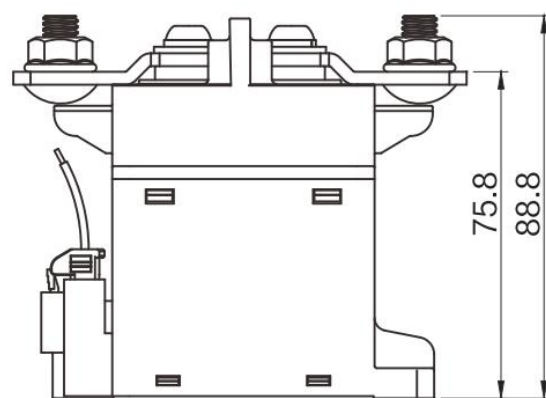
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 150A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

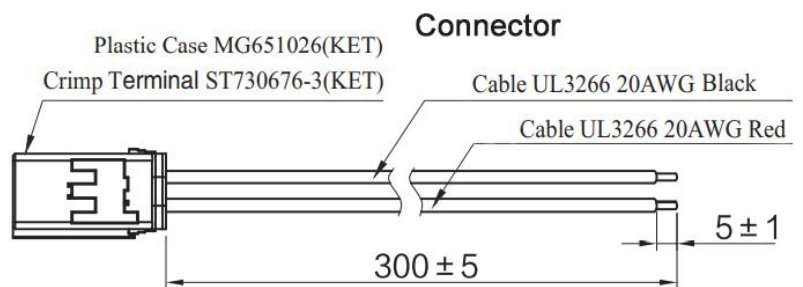
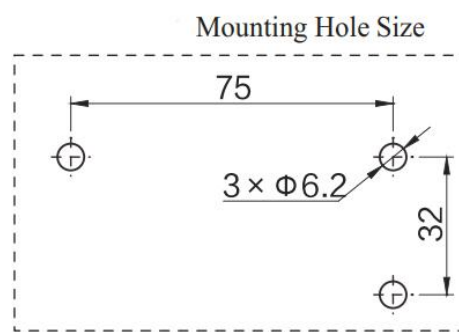
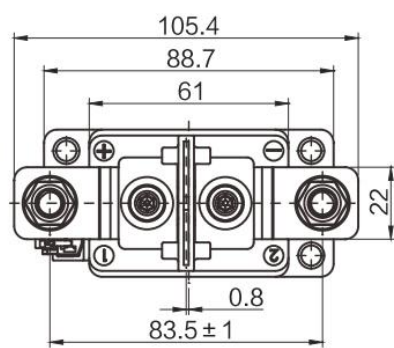
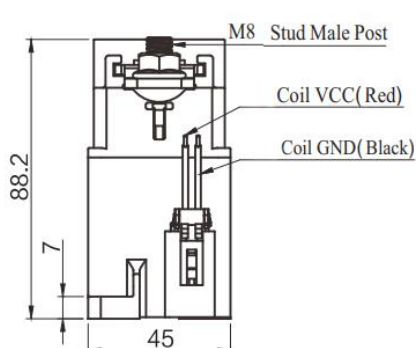
High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		10,000 times (200A 450V DC)	
			6,000 times (200A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M8 External Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	200A	Max. Switching Power	450V 67.5kW, 750V 112.5kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		200A	
	Short Time Overload Current (40mm ² at 40°C)		200A continuous, 300A 1h, 400A 20min, 800A 30s, 2000A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		32Ω (±10%)	128Ω (±10%)
	Min Starting Current & Average Holding Current		2.92A	1.46A
	Steady State Power		4.5W	4.5W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		105.4*45.0*88.8mm	
	Weight		650g	

Dimension and Installation (Unit: mm)



Note: Load and coil have polarity.



➔ PEACO-ADE250 High-Voltage DC

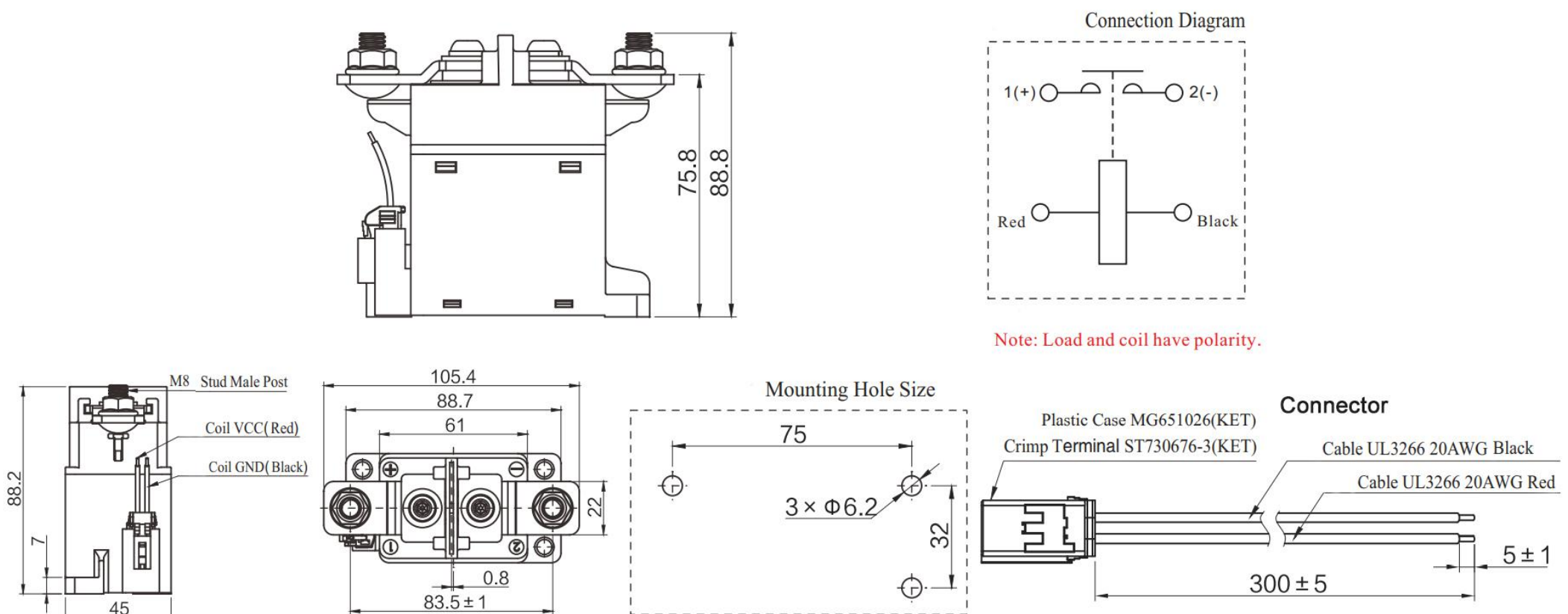
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 250A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		6,000 times (250A 450V DC)	
			6,000 times (250A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	250A	Max. Switching Power	450V 112.5kW, 750V 187.5kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		250A	
	Short Time Overload Current (40mm ² at 40°C)		200A continuous, 300A 1h, 400A 20min, 800A 30s, 2000A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		24Ω (±10%)	15.2Ω (±10%)
	Min Starting Current & Average Holding Current		3.67A & 1.5A	1.83A & 0.25A
	Steady State Power		6W	6W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		105.4*45.0*88.8mm	
	Weight		650g	

Dimension and Installation (Unit: mm)



➔ PEACO-ADE300 High-Voltage DC

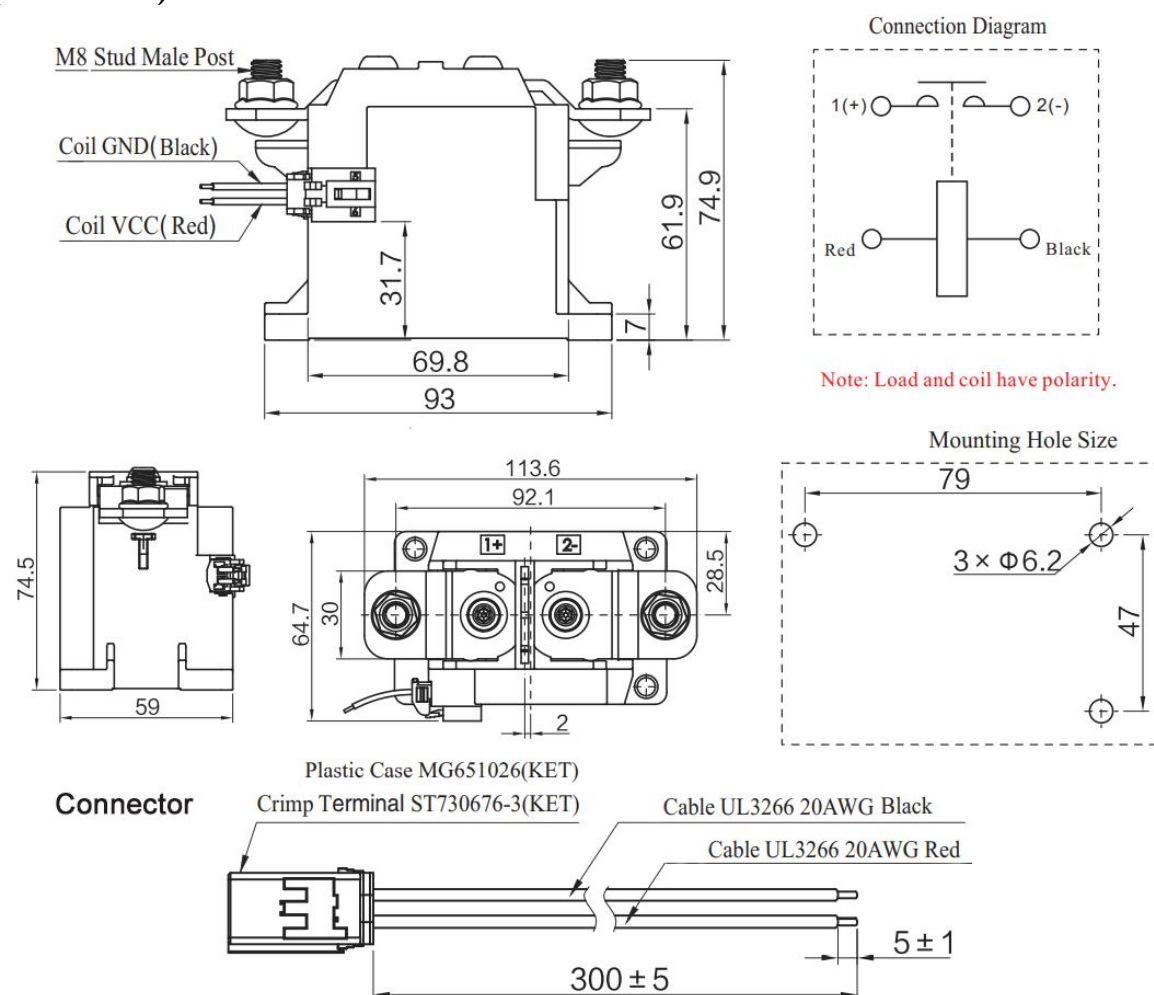
Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 300A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		10,000 times (300A 450V DC)	
			6,000 times (300A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	300A	Max. Switching Power	450V 135kW, 750V 225kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		300A	
	Short Time Overload Current (40mm ² at 40°C)		300A continuous, 450A 1h, 600A 20min, 1200A 30s, 3000A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		32Ω (±10%)	128Ω (±10%)
	Min Starting Current & Average Holding Current		3.4A & 0.37A	1.6A & 0.18A
	Steady State Power		4.5W	4.5W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		113.6*64.7*74.9mm	
	Weight		850g	

Dimension and Installation (Unit: mm)



➔ PEACO-ADE400 High-Voltage DC

Features

- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 400A 85°C long-term current carrying capacity.
- Meet the requirements of abnormal working conditions, could break 10 times of over-current.
- The insulation resistance is up to 1000MΩ (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

High Voltage DC Contactor Datasheet

Electrical Specifications	Insulation Resistance	Between Contacts	1000MΩ (1000V DC)	
		Between Contacts and Coil	1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts and Shell	1000MΩ (1000V DC)	
		Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VAC, ≤ 1mA	
Mechanical Specifications	Shock	Stability	196m/s ² , 98m/s ²	
		Strength	490m/s ² (6 ms)	
	Vibration		10Hz-500Hz 49mm/s ²	
Expected Life	Mechanical Life		2,000,000 times	
	Resistive Load Life (Switching)		3,000 times (400A 450V DC)	
			1,000 times (400A 750V DC)	
Main Contact Parameters	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC
	Rated Load Current	400A	Max. Switching Power	450V 135kW, 750V 225kW
	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm ² Leads)		400A	
	Short Time Overload Current (40mm ² at 40°C)		400A continuous, 450A 1h, 600A 20min, 1200A 30s, 3000A 0.6s	
Coil Parameters	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max. Voltage		16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
	Coil Resistance		32Ω (±10%)	128Ω (±10%)
	Min Starting Current & Average Holding Current		3.4A & 0.37A	1.6A & 0.18A
	Steady State Power		4.5W	4.5W
	Actuation Times		≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
Operation Conditions	Operation Temperature		-40°C~85°C	
	Operation Humidity		5%-85%RH	
	Protection Grade		IP67	
	Dimension (W*H*D)		113.6*64.7*74.9mm	
	Weight		850g	

Dimension and Installation (Unit: mm)

