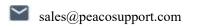


## **DC** Contactors Catalogue





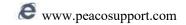


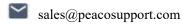
	Mod	del	PEACO-ADH30	PEACO-ADH50	PEACO-ADH100
	DC Contactor Picture  Technical Parameter		ADH30/900-24V Load:12-900VDC Coil:24VDC	ADH50/800-E Contact: DC 450/100A Coil: 8-36/DC GB14048.4-2010 201908002	ADH50/900-E Contact: DC 450V 100A Coil: 8-36VDC GB 14048.4-2010 201908002
	W	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Co	ontact Load	1A-30A 12V-1000V DC	1A-50A 12V-1000V DC	1A-100A 12V-1000V DC
	Ele	ectrical Life	6000times (30A 750V DC)	10000times (50A 750V DC)	10000times (100A 750V DC)
	Max. S	witching Current	300A 320V DC (≥1 times)	500A 320V DC (≥1 times)	1000A 320V DC (≥1 times)
		ct Voltage Drop	<0.1V (30A)	<0.15V (50A)	<0.1V (100A)
Contact	Dielectric Withstanding	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
	Voltage	Between Open Contacts	4000V AC, ≤1mA	8000V AC, ≤1mA	8000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤25ms	≤25ms
	run-m rime	Energy Saving Type (E)	/	≤20ms	≤20ms
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
	Tun-Out Time	Energy Saving Type (E)	1	≤10ms	≤10ms
	Max. Con	tact Bounce Period	≤5ms	≤5ms	≤5ms
	Load Terminal and	d Center Distance	M5 Internal Thread/18mm	M5 Internal Thread/18mm	M5 Internal Thread/18mm
	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
Coil	T uni in veringe	Energy Saving Type (E)	1	8-36V	8-36V
	Drop-Out Voltage	Standard Type (S)	≥5%Us, ≤40%Us	12V-110V DC  ≤75% Us  8-36V  ≥5%Us, ≤40%Us	≥5%Us, ≤40%Us
	Drep our remage	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 Arr		/	1NO or 1NC	1NO or 1NC
	Mechani		1,000,000 times	1,000,000 times	1,000,000 times
	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	
Others		Humidity		5%-95%RH	
Others	_	perature Range		-40°C~85°C	
	Pro	tection Grade		IP67	
	Mounting Hole Dimension (mm)		,	2-Ø4.5 46.3±0.25	

### **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).

**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.









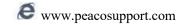


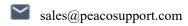
	Mode	el	PEACO-ADH150	PEACO-ADH200	PEACO-ADH250
	DC Contacto Technical Pa		ADH150/900_E Contact: DC 450V 200A Coil: 8-36VDC GB 14048 4-2010 201908006	Contact: DC 450V 200A Coil: 8-36VDC Coil: 8-	
	Wo	orking Duty	Continuous	Continuous	Continuous
	Со	entact Form	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Co	ontact Load	1A-150A 12V-1000V DC	1A-200A 12V-1000V DC	1A-250A 12V-1000V DC
	Ele	ectrical Life	10000times (150A 750V DC)	10000times (200A 750V DC)	8000times (250A 750V DC)
	Max. Sv	witching Current	1500A 320V DC (≥1 times)	2000A 320V DC (≥1 times)	2000A 320V DC (≥1 times)
	Contac	t Voltage Drop	<0.1V (150A)	<0.1V (200A)	<0.1V (250A)
Contact	Dielectric	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
	Withstanding Voltage	Between Open Contacts	10000V AC, ≤1mA	10000V AC, ≤1mA	10000V AC, ≤1mA
		Standard Type (S)	/	/	/
	Pull-In Time	Energy Saving Type (E)	≤30ms	≤30ms	≤30ms
	D II O . T'	Standard Type (S)	1	1	/
	Pull-Out Time	Energy Saving Type (E)	≤10ms	≤10ms	≤10ms
	Max. Cont	tact Bounce Period	≤5ms	≤5ms	≤5ms
	Load Terminal and	Center Distance	M6 Internal Thread/27mm	M8 Internal Thread/27mm	M10 Internal Thread/27mm
	Coil Type		Single Coil/Energy-Saving PCB	Single Coil/Energy-Saving PCB	Single Coil/Energy-Saving PCB
	Rat	ted Voltage	12V-110V DC	12V-110V DC	12V-110V DC
	Pull-In Voltage	Standard Type (S)	/	/	/
Coil		Energy Saving Type (E)	8-36V	8-36V	8-36V
Con	Drop-Out Voltage	Standard Type (S)	1	/	/
		Energy Saving Type (E)	5-30V	5-30V	5-30V
	Power	Standard Type (S)	/	/	/
	1 OWCI	Energy Saving Type (E)	Starting 30W/Holding 2W	Starting 30W/Holding 2W	Starting 30W/Holding 2W
1	Auxiliary Contact Arra	ngement (Optional)	1NO or 1NC	1NO or 1NC	1NO or 1NC
	Mechanica	al Life	1,000,000 times	1,000,000 times	1,000,000 times
	Weight	Standard Type (S)	/	1	/
	315111	Energy Saving Type (E)	440g	480g	480g
	Dimension	Standard Type (S)	/	1	/
		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
0.41		Humidity	5%-95%RH	5%-95%RH	5%-95%RH
Others		erature Range	-40°C~85°C	-40°C~85°C	-40°C~85°C
	Protection Grade  Mounting Hole Dimension (mm)		IP67	2-Ø5.7	IP67
				✓ 68.3±0.25	

### **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).

**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.









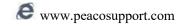


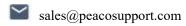
	Мо	del	PEACO-ADH300	PEACO-ADH500	PEACO-ADH100X-2K
	DC Contac		ADH150/900-E Contact: DC 450V 200A Coil: 8-36VDC QB14048-4-2010 201908006	ADH150/900-E Contact: DC 450V 200A Coli: 8-38VDC GB14048-4-2010 201908006   201908006	ADH150/900-E Contact: DC 450V 200A Coi: 8-36VDC GB14048 4-2010 201908006
	V	Vorking Duty	Continuous	Continuous	Continuous
	C	Contact Form	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 2NO (1K)
	C	Contact Load	1A-300A 12V-1000V DC	1A-500A 12V-1000V DC	1A-100A 12V-1000V DC
	Е	lectrical Life	6000times (300A 750V DC)	3000times (500A 750V DC)	10000times (100A 750V DC)
	Max. S	Switching Current	3000A 320VDC (≥1 times)	3000A 320V DC (≥1 times)	1000A 320V DC (≥1 times)
		act Voltage Drop	<0.1V (200A)	<0.1V (500A)	<0.1V (100A)
Contact	Dielectric Withstanding	Between Coil & Contact	2500V AC, ≤1mA	2500V AC, ≤1mA	2500V AC, ≤1mA
	Voltage	Between Open Contacts	10000V AC, ≤1mA	10000V AC, ≤1mA	8000V AC, ≤1mA
	Pull-In Time	Standard Type (S)	/	/	/
	1 un-m 1 me	Energy Saving Type (E)	≤30ms	≤30ms	≤30ms
	Pull-Out Time	Standard Type (S)	/	1	/
	Energy Saving Type (E)		≤10ms	≤10ms	≤10ms
	Max. Contact Bounce Period		≤5ms	≤5ms	≤5ms
	Load Terminal and	d Center Distance	M10 Internal Thread/27mm	M12 Internal Thread/32mm	M6 Internal Thread/15mm
	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)	/	/	/
Coil	Tun in Voluge	Energy Saving Type (E)	8-36V	8-36V	8-36V
	Drop-Out	Standard Type (S)	/	/	/
	Voltage	Energy Saving Type (E)	5-30V	5-30V	5-30V
	Power	Standard Type (S)	/	/	/
Coil	1000	Energy Saving Type (E)	Starting 30W/Holding 2W	Starting 50W/Holding 4W	Starting 30W/Holding 2W
Aı	-	rangement (Optional)	1NO or 1NC	1NO or 1NC	1NO or 1NC
	Mechani		1,000,000 times	1,000,000 times	1,000,000 times
	Weight	Standard Type (S)	/	/	550g
	5	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	
Others		Humidity		5%-95%RH	
Others		nperature Range		-40°C~85°C	
	Pro	otection Grade		IP67	
	Mounting Hole Dimension (mm)		2-Ø5.7 68.3±0.25	4-Ø6.5 46 74±0.25	2-Ø5.7 68.3±0.25
NT 4				<del>*</del>	

### **Notes:**

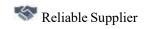
- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

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









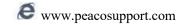


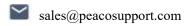
	Mod	del	PEACO-ADH100-2K	PEACO-ADE20	PEACO-ADE40
	DC Contact Technical 1			THE REAL PROPERTY OF THE PARTY	
	W	orking Duty	Continuous	Continuous	Continuous
		ontact Form	SPST-NO, 2NO (2K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
		ontact Load	1A-100A 12V-1000V DC	1A-20A 12V-750V DC	1A-40A 12V-750V DC
		ectrical Life	6000times (100A 750V DC)	75000times (20A 750V DC)	75000times (40A 750V DC)
		witching Current	1000A 320VDC (≥1 times)	200A 450V DC (≥1 times)	400A 450V DC (≥1 times)
		ct Voltage Drop	<0.1V (100A)	<0.1V (20A)	<0.1V (40A)
Contact	Dielectric	Between Coil & Contact	2500V AC, ≤1mA	4000V AC, ≤1mA	4000V AC, ≤1mA
	Withstanding Voltage	Between Open Contacts	8000V AC, ≤1mA	3000V AC, ≤1mA	3000V AC, ≤1mA
		Standard Type (S)	≤30ms	≤30ms	≤30ms
	Pull-In Time	Energy Saving Type (E)	/	1	/
		Standard Type (S)	≤10ms	≤10ms	≤10ms
	Pull-Out Time	Energy Saving Type (E)	1	1	/
	Max. Con	tact Bounce Period	≤5ms	≤5ms	≤5ms
	Load Terminal and	d Center Distance	M6 Internal Thread/18mm	QC Terminal	M4 Internal Thread
	Coil Type		Single Coil	Single Coil	Single Coil
	Rated Voltage		12V-72V DC	12V/24V DC	12V/24V DC
	Dull In Walters	Standard Type (S)	≤75% Us	≤75% Us	≤75% Us
Coil	Pull-In Voltage	Energy Saving Type (E)	1	/	/
Con	Drop-Out Voltage	Standard Type (S)	≤10% Us	≥8% Us	≥8% Us
	Drop-Out voltage	Energy Saving Type (E)	1	/	/
	Power	Standard Type (S)	11W-12W	3W	3W
	Fower	Energy Saving Type (E)	/	1	/
	Auxiliary Contact Arr	angement (Optional)	1NO or 1NC	1NO	1NO
	Mechani	cal Life	1,000,000 times	200,000 times	200,000 times
	Weight	Standard Type (S)	530g	150g	150g
	, vergite	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
Others		Humidity	5%-95%RH	5%-85%RH	5%-85%RH
Others	_	perature Range		-40°C~85°C	
	Pro	tection Grade		IP67	
	Mounting F	Iole Dimension (mm)	2-Ø4.5 46 80±0.25	60 Ø <u>6.1</u>	57 65

### **Notes:**

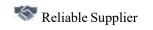
- The parameters above are the initial values measured at 23°C. Other coil rated voltages can be customized.
- 1K (SPST-NO, 1NO) / 2K (DPST-NO, 2NO) / 1Z (SPDT, 1C/O) / 2Z (DPDT, 2C/O) / 1B (SPST-NC, 1NC).

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









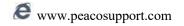


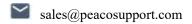
	Mo	del	PEACO-ADE100	PEACO-ADE150	PEACO-ADE200
	DC Contac		ADE100/24 Load:750VDC Coil:24VDC	Load:750VDC Coil:24VDC	
	W	orking Duty	Continuous	Continuous	Continuous
	C	ontact Form	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	C	ontact Load	1A-100A 12V-750V DC	1A-150A 12V-750V DC	1A-200A 12V-750V DC
	El	ectrical Life	6,000times (100A 750V DC)	6,000times (150A 750V DC)	6,000times (200A 750V DC)
	Max. S	witching Current	1000A 300VDC (≥1 times)	1500A 300V DC (≥1 times)	2000A 300V DC (≥1 times)
		ct Voltage Drop	/	/	1
Contact	Dielectric Withstanding	Between Coil & Contact	4000VAC (1min, I△=10mA)	4000VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)
	Voltage	Between Open Contacts	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
	Tun-m Time	Energy Saving Type (E)	/	1	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
	Tun-Out Time	Energy Saving Type (E)	1	/	/
	Max. Cor	tact Bounce Period	1	/	/
	Load Terminal and	d Center Distance	M6 External Thread	M6 External Thread	M6 External Thread+Busbar
	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
Coil	Pull-in voltage	Energy Saving Type (E)	/	/	/
Con	Drop-Out Voltage	Standard Type (S)	≥8% Us	≥8% Us	≥8% Us
	Drop-Out voltage	Energy Saving Type (E)	/	/	/
	Power	Standard Type (S)	4.5W	6W	Stating 35W, Holding ≤4.5W
	1 OWEI	Energy Saving Type (E)	/	/	/
	Auxiliary Contact Arr	rangement (Optional)	1NO	1NO	1NO
	Mechani	cal Life	2,000,000 times	2,000,000 times	2,000,000 times
	Weight	Standard Type (S)	400g	450g	650g
	Weight	Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	81.5*40*78.3mm	77.8*48.8*83.4mm	105.4*45*88.2mm
	Dimension	Energy Saving Type (E)	/	/	/
		Vibration		10Hz-500Hz, 49m/s2	
_		Humidity		5%-85%RH	
Others	Tem	perature Range		-40°C~85°C	
	Pro	tection Grade		IP67	
	Mounting Hole Dimension (mm)		2×Φ6.2 63.6	2×Φ6.2 63.6	75 3×Φ6.2 ΣΕ Φ

**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).







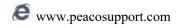


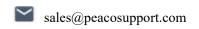


	Mod	lel	PEACO-ADE250	PEACO-ADE300	PEACO-ADE400
	DC Contact Technical F			ADE300/24 Load:750VDC Coil:24VDC	ADE400/24 Load 750VDC Coil 24VDC
	Wo	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)	SPST-NO, 1NO (1K)
	Co	ontact Load	1A-250A 12V-750V DC	1A-300A 12V-750V DC	1A-400A 12V-750V DC
	Ele	ectrical Life	6,000times (250A 750V DC)	6,000times (300A 750V DC)	6,000times (400A 750V DC)
	Max. Sv	witching Current	2500A 300VDC (≥1 times)	2500A 300V DC (≥1 times)	2500A 300V DC (≥1 times)
	Contac	et Voltage Drop	/	/	/
Contact	Dielectric Withstanding	Between Coil & Contact	2500VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)	2500VAC (1min, I△=10mA)
	Withstanding Voltage	Between Open Contacts	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)	3000VAC (1min, I△=10mA)
	D11 L. Ti	Standard Type (S)	≤30ms	≤30ms	≤30ms
	Pull-In Time	Energy Saving Type (E)	/	1	/
	Dull Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
	Pull-Out Time Energy Saving Type (E)		/	/	/
	Max. Con	tact Bounce Period	1	/	/
	Load Terminal and	Center Distance	M6 Internal Thread+Busbar	M8 External Thread	M8 External Thread
	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
Coil	1 un-m voltage	Energy Saving Type (E)		/	/
Con	Drop-Out Voltage	Standard Type (S)	≥8% Us	≥8% Us	≥8% Us
	Drop-Out Voltage	Energy Saving Type (E)	1	/	/
	Power	Standard Type (S)	Stating 44W, Holding ≤6W	Stating 46W, Holding ≤4.5W	Stating 46W, Holding ≤4.5W
	1000	Energy Saving Type (E)	/	/	/
	Auxiliary Contact Arra		1NO	1NO	1NO
	Mechanic	cal Life	2,000,000 times	2,000,000 times	2,000,000 times
	Weight	Standard Type (S)	650g	850g	850g
		Energy Saving Type (E)	105 4445400 2	112 6464 7474 0	112 (4 (4 7474)
	Dimension	Standard Type (S) Energy Saving Type (E)	105.4*45*88.2mm	113.6*64.7*74.9mm	113.6*64.7*74.9mm
		Vibration	1	10Hz-500Hz, 49m/s2	T T
		Humidity		5%-85%RH	
Others		perature Range		-40°C~85°C	
0 00000	_	ection Grade		IP67	
		ole Dimension (mm)	75 3× Φ6.2 Σ Φ	79 3× Φ6.2 4	79 3×Φ6.2

**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).









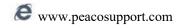


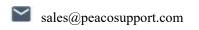
### **DC Reversing Contactors**

	DC Contacto Technical P				
		Parameter	90		
	Wo	orking Duty	Continuous50A/Intermittent200A	Continuous50A/Intermittent200A	Continuous100A/Intermittent400A
	Со	entact Form	2NO and 2NC	2NO and 2NC	2NO and 2NC
	Со	ontact Load	1A-200A 12V-60V DC	1A-200A 12V-60V DC	1A-400A 12V-60V DC
	Ele	ectrical Life	30,000times (200A 24V DC)	30,000times (200A 24V DC)	30,000times (200A 24V DC)
	Max. Sv	witching Current	$\leq$ 8Ie, $\leq$ 1s	$\leq$ 8Ie, $\leq$ 1s	$\leq$ 8Ie, $\leq$ 1s
	Contac	t Voltage Drop	≤ 80mV	≤ 80mV	≤ 80mV
Contact	Dielectric	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Withstanding Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Standard Type (S)	≤20ms	≤20ms	≤20ms
	Pull-In Time	Energy Saving Type (E)	/	1	/
	D 11 0 . T'	Standard Type (S)	≤10ms	≤10ms	≤10ms
	Pull-Out Time	Energy Saving Type (E)	1	1	/
	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
	C	Coil Type	Single/Dual Coil	Single/Dual Coil	Single/Dual Coil
	Rat	ted Voltage	12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC	12V/24V/36V/48V/60V DC
	Dull In Waltern	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
Cail	Pull-In Voltage	Energy Saving Type (E)	1	/	/
Coil	Draw Out Waltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)	1	/	/
	Dayyan	Standard Type (S)	≤25W/8W	≤25W/8W	≤25W/8W
	Power	Energy Saving Type (E)	/	/	/
Αι	uxiliary Contact Arra	angement (Optional)	1	/	/
	Mechanic	cal Life	5,000,000 times	5,000,000 times	5,000,000 times
	Weight	Standard Type (S)	410g	410g	990g
	Weight	Energy Saving Type (E)	1	/	/
	Dimension	Standard Type (S)	81*52*76mm	81*52*76mm	105*63*101mm
	Difficusion	Energy Saving Type (E)	/	/	/
	7	Vibration		20G Max. Sin 80Hz-2000Hz	
	I	Humidity		5%-85%RH	
Others	Temp	erature Range		-40°C~85°C	
	Prote	ection Grade		IP67	
	Mounting Hole Dimension (mm)		2-Ø4.5 67±0.25	2-Ø4.5 67±0.25	2-Ø4.5 87±0.25

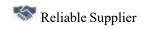
**Application:** electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system. **Notes:** 

- 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).









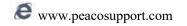


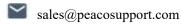
### **DC Reversing Contactors**

	Mod	lel	PEACO-ADC200/800-I	PEACO-ASW200-2Z	PEACO-ASW400-2Z
	DC Contact Technical I				
	Wo	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	2NO and 2NC	2NO and 2NC	2NO and 2NC
	Co	ontact Load	1A-800A 12V-60V DC	1A-200A 12V-60V DC	1A-400A 12V-60V DC
	Ele	ectrical Life	20,000times (200A 60V DC)	20,000times (200A 60V DC)	20,000times (400A 60V DC)
		witching Current	≤ 7Ie, ≤ 1s	$\leq$ 7Ie, $\leq$ 1s	≤ 7Ie, ≤ 1s
Camtaa		ct Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV
Contac t	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
	1 921 111 1 1111	Energy Saving Type (E)	/	1	/
	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 Type		Single Coil 12V/24V/36V/48V/60V DC	Single Coil 12V/24V/36V/48V/60V DC	Single Coil 12V/24V/36V/48V/60V DC
	Rated Voltage				12 √/24 √/30 √/48 √/60 √ DC ≤70% Us
	Pull-In Voltage	Standard Type (S)  Energy Saving Type (E)	≤70% Us	≤70% Us	≥/0% US
Coil		Standard Type (S)	≥5% Us, ≤40% Us		≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)	<u></u>		<u></u>
		Standard Type (S)	≤11W		≤24W
	Power	Energy Saving Type (E)	/		
	Auxiliary Contact Ra		2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
	Mechanic		5,000,000 times	5,000,000 times	5,000,000 times
		Standard Type (S)	1760g	1830g	3150g
	Weight	Energy Saving Type (E)	/	/	/
		Standard Type (S)	127*73*120mm	127*72*122mm	51*114*160mm
	Dimension	Energy Saving Type (E)	/	/	/
		Vibration	2.5G Max. 5Hz-50Hz		
	]	Humidity		5%-85%RH	
Others	Тетр	perature Range		-40°C~85°C	
	Prot	tection Grade		IP50	
	Mounting Hole Dimension (mm)		2-Ø5.7 108±0.25	2-Ø4.5 107±0.25	2-Ø4.5 135±0.25

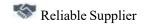
**Application:** electric car, hybrid electric vehicle, fuel cell vehicle, construction machinery, photovoltaic power generation, wind power generation, battery charging and discharging system, DC power supply control system. **Notes:** 

- 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).







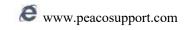


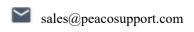


	Mod	del	PEACO-ADL50	PEACO-ADL100	PEACO-ADL200
	DC Contact Technical 1		ADLIOD-12V-3Z BC CONTACTOR Coll 32V DC Vaundard CELEGEA	ADLIAN-12-13 Discontactor call EV Dis 'transferr GB1-GB1-1	ADLIDO-12V-3Z DC CONTACTO Cost 12V DC  *tandard 6/61 Cost 1
	W	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	1NO or 1NC or 1C/O	1NO or 1NC or 1C/O	1NO or 1NC or 1C/O
	C	ontact Load	1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC
	El	ectrical Life	20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)
	Max. S	witching Current	$\leq$ 10Ie, $\leq$ 1s	$\leq$ 10Ie, $\leq$ 1s	$\leq$ 10Ie, $\leq$ 1s
		ct Voltage Drop	≤ 80mV	≤ 80mV	≤ 80mV
Contact	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤25ms	≤25ms	≤25ms
	run-m rime	Energy Saving Type (E)	/	1	/
	Pull-Out Time	Standard Type (S)	≤10ms	≤10ms	≤10ms
	run-Out Time	Energy Saving Type (E)	1	1	/
	Max. Contact Bounce Period		≤ 5ms	≤ 5ms	≤ 5ms
	Load Terminal and	d Center Distance	M6 External Thread/21mm	M8 External Thread/27mm	M8 External Thread/30mm
	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
Coil		Energy Saving Type (E)	1	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Brop our voluge	Energy Saving Type (E)	1	/	/
	Power	Standard Type (S)	≤7W	≤8W	≤10W
	1000	Energy Saving Type (E)	1	1	/
	Auxiliary Contact Ra	ated Load (Optional)	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
	Mechani	cal Life	5,000,000 times	5,000,000 times	5,000,000 times
	Weight	Standard Type (S)	200g	400g	600g
	5	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	
Others		Humidity		5%-95%RH	
Others		perature Range		-40°C~85°C	
		Hole Dimension (mm)	2-∅5.7	2-Ø5.7 ⊕	2-∅5.7 ⊕
	Mounting F.	Iole Dimension (mm)	44±0.25	44±0.25	49.5±0.25

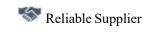
**Application:** UPS, electric pump, electric vehicle controller, rectifier power supply, battery charging and discharging system. **Notes:** 

- 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).







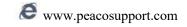


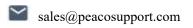


	Mod	lel	PEACO-ADL400	PEACO-ADL600	PEACO-ADL1000
	DC Contact Technical I		ADI100-12V-1Z DC CONTACTO Gail 13V DC  **sandard GLI-GLI**	ADIJO-12V-3Z DC CONTACTOR Coll 32V OC  *candard of Licheld*	ADIJO-12V-1Z DC CONTACTOR Cell-12V DC Standard SELECT
	Wo	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	1NO or 1NC or 1C/O	1NO or 1NC or 1C/O	1NO or 1NC
	Co	ontact Load	1A-400A 12V-72V DC	1A-600A 12V-72V DC	1A-1000A 12V-72V DC
	Ele	ectrical Life	20,000times (400A 72V DC)	20,000times (600A 72V DC)	6,000times (1000A 72V DC)
	Max. S	witching Current	≤ 10Ie, ≤ 1s	≤ 8Ie, ≤ 1s	≤ 8Ie, ≤ 1s
	Contac	et Voltage Drop	≤ 80mV	≤ 80mV	≤ 80mV
Contact	Dielectric	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Withstanding Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Standard Type (S)	≤25ms	≤25ms	≤25ms
	Pull-In Time	Energy Saving Type (E)	/	1	/
	D 11 C . T'	Standard Type (S)	≤10ms	≤10ms	≤10ms
	Pull-Out Time	Energy Saving Type (E)	1	/	/
	Max. Con	tact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms
	Load Terminal and	Center Distance	M10 External Thread/35.5mm	Busbar	Busbar
	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
	D 11 I X/ 1/	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
Call	Pull-In Voltage	Energy Saving Type (E)	1	1	/
Coil	D. O. W. I	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)	/	/	/
	D	Standard Type (S)	≤12W	≤12W	≤12W
	Power	Energy Saving Type (E)	/	/	/
	Auxiliary Contact Ra	ted Load (Optional)	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
	Mechanio	cal Life	5,000,000 times	5,000,000 times	5,000,000 times
	Weight	Standard Type (S)	1100g	1200g	2100g
	Weight	Energy Saving Type (E)	/	1	/
	Dimension	Standard Type (S)	72.5*65.5*123mm	130*63*103mm	150*80*136mm
	Difficusion	Energy Saving Type (E)	/	/	/
		Vibration		20G Max. Sin 80Hz-2000Hz	
	-	Humidity		5%-95%RH	
Others	Temp	perature Range	-40°C~85°C		
	Prot	ection Grade		IP67	
	Mounting H	Tole Dimension (mm)	2-Ø5.7 63±0.25	Mounting bracket can be customized.	Mounting bracket can be customized.

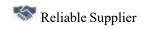
**Application:** UPS, electric pump, electric vehicle controller, rectifier power supply, battery charging and discharging system. **Notes:** 

- 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).











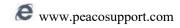
### **DC Magnetic Contactors**

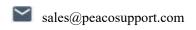
	Mod	lel	PEACO-ADD150-I	PEACO-ADD250-I	PEACO-ADD400-I
	DC Contact Technical F				
	Wo	orking Duty	Intermittent	Intermittent	Intermittent
	Co	ontact Form	1NO (1K)	1NO (1K)	1NO (1K)
	Co	ontact Load	1A-150A 12V-72V DC	1A-250A 12V-72V DC	1A-400A 12V-72V DC
	Ele	ectrical Life	20,000times (150A 72V DC)	20,000times (250A 72V DC)	20,000times (400A 72V DC)
	Max. Sv	witching Current	≤ 10Ie, ≤ 1s	$\leq$ 8Ie, $\leq$ 1s	≤ 8Ie, ≤ 1s
	Contac	ct Voltage Drop	≤ 80mV	≤ 80mV	≤ 80mV
Contact	Dielectric	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Withstanding Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Standard Type (S)	≤25ms	≤25ms	≤25ms
	Pull-In Time	Energy Saving Type (E)	/	/	/
		Standard Type (S)	≤10ms	≤10ms	≤10ms
	Pull-Out Time	Energy Saving Type (E)	1	/	/
	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 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
	D 11 T 37 1	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
C-3	Pull-In Voltage	Energy Saving Type (E)	1	/	/
Coil	D. O. W. I	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)	1	/	/
	D	Standard Type (S)	≤24W	≤24W	≤24W
	Power	Energy Saving Type (E)	/	/	/
	Auxiliary Contact Rat	ted Load (Optional)	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
	Mechanic	cal Life	2,000,000 times	2,000,000 times	2,000,000 times
	Weight	Standard Type (S)	280g	390g	400g
	Weight	Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	58*55*61mm	72*80*68mm	72*80*68mm
	Difficusion	Energy Saving Type (E)	/	/	/
	,	Vibration		20G Max. Sin 80Hz-2000Hz	
	]	Humidity		5%-85%RH	
Others	Temp	perature Range		-25°C~55°C	
	Prot	ection Grade		IP67	
	Mounting H	Tole Dimension (mm)	2-Ø6.1 47±0.5	2-Ø6.1 51±0.5	2-Ø6.1 51±0.5

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

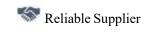
### **Notes:**

- 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).









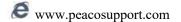


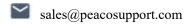
	DC Contacte Technical P			ASW100-24V OCCONTACTOR COLONIA TOTAL STREET OF THE PROPERTY OF	ASW100-24V OC CONFACTOR COLLEGE OF THE STATE STA
	Wo	orking Duty	Continuous or Intermittent	Continuous or Intermittent	Continuous or Intermittent
	Co	ntact Form	1NO or 1NC	1NO or 1NC	1NO or 1NC
	Со	ontact Load	1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC
	Ele	ectrical Life	20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)
	Max. Sv	vitching Current	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s	≤ 7Ie, ≤ 1s
	Contac	t Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV
Contact	Dielectric	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Withstanding Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
_		Standard Type (S)	≤30ms	≤30ms	≤30ms
	Pull-In Time	Energy Saving Type (E)		/	/
_		Standard Type (S)	≤20ms	≤20ms	≤20ms
	Pull-Out Time	Energy Saving Type (E)			
	Max Cont	tact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms
	Load Terminal and		M6 Internal Thread/21mm	M8 External Thread/29mm	M8 External Thread/35mm
		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
		Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
	Pull-In Voltage	Energy Saving Type (E)	/	/	/
Coil		Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)		/	/
-		Standard Type (S)	≤7W	≤8.5W	≤12W
	Power	Energy Saving Type (E)			
			2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC
	Mechanic	- , - ,	2,000,000 times	2,000,000 times	2,000,000 times
	IVICCIIAIIIC	Standard Type (S)	2,000,000 times	420g	700g
	Weight	Energy Saving Type (E)	2 TU g	1208	/ /
-		Standard Type (S)	69*34*88mm	59*40*93mm	86*46*122mm
	Dimension	Energy Saving Type (E)	/ /	39 40 93Hilli	/ /
		Vibration	1	2.5G Max. 5Hz-50Hz	T T
-		Humidity			
Others		•	5%-85%RH		
		erature Range		-25°C~55°C IP50	
	Protection Grade  Mounting Hole Dimension (mm)		2-Ø5.7 55±0.25  achinery, sightseeing cable car	2-Ø5.7 46±0.25	2-Ø5.7 46±0.25

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).







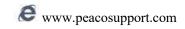


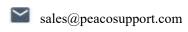


	Model		PEACO-ASW400	PEACO-ASW500	PEACO-ASW800	
	DC Contactor Picture  Technical Parameter		ACCES ON THE PROPERTY OF THE P	GROSS ANY WAS ANY WAS WAS ANY WAS ANY WAS ANY WAS ANY WAS ANY WAS ANY WAS ANY WAS ANY		
	We	orking Duty	Continuous or Intermittent	Continuous	Continuous	
	Co	ontact Form	1NO (1K)	1NO (1K)	1NO (1K)	
	Co	ontact Load	1A-400A 12V-72V DC	1A-500A 12V-72V DC	1A-800A 12V-72V DC	
	Ele	ectrical Life	20,000times (400A 72V DC)	20,000times (500A 72V DC)	20,000times (800A 72V DC)	
	Max. S	witching Current	$\leq$ 7Ie, $\leq$ 1s	$\leq$ 7Ie, $\leq$ 1s	$\leq$ 7Ie, $\leq$ 1s	
		et Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV	
Contact	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	
	Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms	
	run-m i me	Energy Saving Type (E)	1	1	/	
	Dull Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms	
	Pull-Out Time	Energy Saving Type (E)	1	1	/	
	Max. Con	tact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms	
	Load Terminal and	l Center Distance	M10 External Thread/39.5mm	/	/	
	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	
Coil	run-m voltage	Energy Saving Type (E)	1	1	/	
Con	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	
	Drop-Out voltage	Energy Saving Type (E)	/	/	/	
	Power	Standard Type (S)	≤15W	≤15W	≤15W	
	rowei	Energy Saving Type (E)	/	/	/	
	Auxiliary Contact Arra	angement (Optional)	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	
	Mechanio	cal Life	2,000,000 times	2,000,000 times	2,000,000 times	
	Weight	Standard Type (S)	1350g	1470g	1860g	
	vv Cigiii	Energy Saving Type (E)	/	/	/	
	Dimension	Standard Type (S)	102*85*160mm	128*56*130mm	129*64*143mm	
	Difficusion	Energy Saving Type (E)	/	/	/	
		Vibration		2.5G Max. 5Hz-50Hz		
Others	-	Humidity	5%-85%RH			
	Temp	perature Range		-25°C~55°C		
	Prot	tection Grade		IP50		
	Mounting Hole Dimension (mm)		2-Ø4.5 75±0.25	2-Ø4.5 85±0.25	2-Ø4.5 85±0.25	

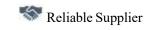
**Application:** lift, tower crane, dumb waiter, photovoltaic power generation, sewage treatment plant. **Notes:** 

- 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).







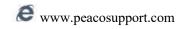


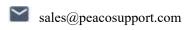


	Model		PEACO-ASW100-2K	PEACO-ASW100-1Z	PEACO-ASW200-1Z	
DC Contactor Picture  Technical Parameter						
	We	orking Duty	Continuous	Continuous	Continuous	
	Co	ontact Form	2NO (2K)	1NO and 1 NC	1NO and 1 NC	
	Co	ontact Load	1A-100A 12V-72V DC	1A-100A 12V-72V DC	1A-200A 12V-72V DC	
	Ele	ectrical Life	20,000times (100A 72V DC)	20,000times (100A 72V DC)	20,000times (200A 72V DC)	
	Max. S	witching Current	≤ 7Ie, ≤ 1s	$\leq$ 7Ie, $\leq$ 1s	≤ 7Ie, ≤ 1s	
		et Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV	
Contact	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	
	Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms	
		Energy Saving Type (E)	/	1	/	
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms	
	Energy Saving Type (E)		/	/	/	
		tact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms	
	Load Terminal and		M8 External Thread/34mm	M8 External Thread/28.6mm	M8 External Thread/35mm	
	Coil Type		Single Coil	Single Coil	Single Coil	
	Rated Voltage		12V/24V/36V/48V/72V DC ≤70% Us	12V/24V/36V/48V/72V DC ≤70% Us	12V/24V/36V/48V/72V DC ≤70% Us	
	Pull-In Voltage	Standard Type (S)  Energy Saving Type (E)	≥/0/0 US	<u>≤/0/6 US</u>	≥/070 US	
Coil		Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	
	Drop-Out Voltage	Energy Saving Type (E)	<u></u>	/	<u> </u>	
		Standard Type (S)	≤24W		≤24W	
	Power	Energy Saving Type (E)	/	/	/	
	Auxiliary Contact Arra		2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC	
	Mechanic	, , ,	2,000,000 times	2,000,000 times	2,000,000 times	
		Standard Type (S)	490g	450g	900g	
	Weight	Energy Saving Type (E)	/	/	/	
	D	Standard Type (S)	59*39*94mm	70*56*93mm	86*64*122mm	
	Dimension	Energy Saving Type (E)	/	/	/	
		Vibration		2.5G Max. 5Hz-50Hz		
	-	Humidity	5%-85%RH			
Others	Тетр	perature Range		-25°C~55°C		
	Prot	tection Grade		IP50		
	Mounting Hole Dimension (mm)		2-Ø5.7 47±0.25	2-Ø5.7 47±0.25	2-Ø5.7 65±0.25	

**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).









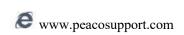


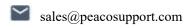
Model			PEACO-AZJ50	PEACO-AZJ100	PEACO-AZJ100-D
DC Contactor Picture  Technical Parameter		COIL-12V DC Standard:GBJ4048-4	COLLIZV DC Stendard-GBJ4048-4		
	W	orking Duty	Continuous	Continuous	Continuous
	Co	ontact Form	1NO	1NO	1NO
	Co	ontact Load	1A-50A 12V-72V DC	1A-100A 12V-72V DC	1A-100A 12V-72V DC
	Ele	ectrical Life	20,000times (50A 72V DC)	20,000times (100A 72V DC)	20,000times (100A 72V DC)
	Max. S	witching Current	≤ 7Ie, ≥ 1s	≤ 7Ie, ≥ 1s	≤ 7Ie, ≥ 1s
	Contac	ct Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV
Contact	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Withstanding Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
		Standard Type (S)	≤30ms	≤30ms	≤30ms
	Pull-In Time	Energy Saving Type (E)	/	1	/
	D 11 O . T.	Standard Type (S)	≤20ms	≤20ms	≤20ms
	Pull-Out Time Energy Saving Type (E)		1	1	/
	Max. Con	ntact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms
	Load Terminal and	d Center Distance	M5 External Thread/43mm	M6 External Thread/55mm	M6 External Thread/55mm
	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
	Dull In Valtage	Standard Type (S)	≤70% Us	≤70% Us	≤70% Us
Coil	Pull-In Voltage	Energy Saving Type (E)	1	/	1
Con	D. O. W.	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop-Out Voltage	Energy Saving Type (E)	1	/	/
	Power	Standard Type (S)	≤4.4W	≤6.5W	Starting ≤130W/Holding ≤4W
	rowei	Energy Saving Type (E)	/	/	/
	Auxiliary Contact Arr	rangement (Optional)	/	/	2A/48VDC, 5A/24VDC
	Mechani	cal Life	2,000,000 times	2,000,000 times	2,000,000 times
	Weight	Standard Type (S)	76g	197g	166g
	Weight	Energy Saving Type (E)	/	/	/
	Dimension	Standard Type (S)	56*38*57mm	70*44*68mm	70*44*68mm
	Billionsion	Energy Saving Type (E)	/	/	/
		Vibration		2.5G Max. 5Hz-50Hz	
		Humidity	5%-85%RH		
Others	Тетр	perature Range	-25°C~55°C		
	Pro	tection Grade		IP50	1
	Mounting Hole Dimension (mm)		2-Ø4.5 47±0.25	2-Ø4.5 47±0.25	2-Ø4.5 47±0.25

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

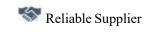
### **Notes:**

- 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).









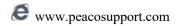


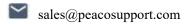
	Mod	del	PEACO-AZJ200/ PEACO-AZJ200-D	PEACO-AZJ400/ PEACO-AZJ400-D	PEACO-AZJ600/ PEACO-AZJ600-D
DC Contactor Picture  Technical Parameter					
	Working Duty		Continuous	Continuous	Continuous
	Co	ontact Form	1NO	1NO	1NO
	C	ontact Load	1A-200A 12V-72V DC	1A-400A 12V-72V DC	1A-600A 12V-72V DC
	El	ectrical Life	20,000times (200A 72V DC)	20,000times (400A 72V DC)	20,000times (600A 72V DC)
	Max. S	witching Current	≤ 7Ie, ≤ 1s	$\leq$ 7Ie, $\leq$ 1s	≤ 7Ie, ≤ 1s
		ct Voltage Drop	≤ 100mV	≤ 100mV	≤ 100mV
Contact	Dielectric Withstanding	Between Coil & Contact	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Voltage	Between Open Contacts	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA	1500VAC, ≤ 1mA
	Pull-In Time	Standard Type (S)	≤30ms	≤30ms	≤30ms
	Tun-in Time	Energy Saving Type (E)	1	1	/
	Pull-Out Time	Standard Type (S)	≤20ms	≤20ms	≤20ms
	Tun-Out Time	Energy Saving Type (E)	1	/	/
	Max. Cor	ntact Bounce Period	≤ 5ms	≤ 5ms	≤ 5ms
	Load Terminal and	d Center Distance	M8 External Thread/65.5mm	M10 External Thread/80mm	M12 External Thread/105mm
	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
Coil	Tun in voluge	Energy Saving Type (E)	1	/	/
	Drop-Out Voltage	Standard Type (S)	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us	≥5% Us, ≤40% Us
	Drop our voluge	Energy Saving Type (E)	1	/	/
	Power	Standard Type (S)	≤8.3W	≤8.5W	≤13.5W
		Energy Saving Type (E)	/	/ / / / / / / / / / / / / / / / / / /	/ 24 /40 VPC 54 /24 VPC
	Auxiliary Contact Arr	rangement (Optional)	2A/48VDC, 5A/24VDC	2A/48VDC, 5A/24VDC (for AZJ400-D)	2A/48VDC, 5A/24VDC (for (AZJ600-D)
	Mechani	cal Life	2,000,000 times	2,000,000 times	2,000,000 times
	Weight	Standard Type (S)	431g	860g	1510g
	-	Energy Saving Type (E)	1	/	/
	Dimension	Standard Type (S)	85*57*85mm	104*66*102mm	130*82*110mm
		Energy Saving Type (E)	/	/	/
		Vibration	2.5G Max. 5Hz-50Hz		
Othors		Humidity		5%-85%RH	
Others		perature Range		-25°C~55°C	
	Protection Grade  Mounting Hole Dimension (mm)		2-Ø4.5 47+0.25	2-Ø5.7 63±0.25	2-Ø5.7 72±0.25
				▼ 30 = 0.20	

**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).













### **Features**

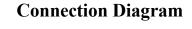
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no 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.

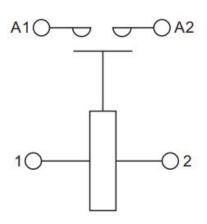
### **High Voltage DC Contactor Datasheet**

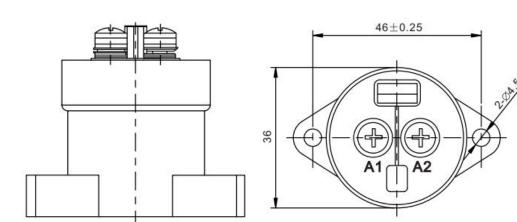
	Insulation Resistance Between Contacts		1000MΩ (500V DC)		
T14-51	Insulation Resistance	Between Contacts and Coil	1000MΩ (500V DC)		
Electrical		Between Contacts and Shell	1000MΩ (500V DC)		
Specifications	Dielectric Strength	Between Contacts	4000VAC,	≤ 1mA	
		Between Contacts and Coil	2500VAC,	≤1mA	
M 1 ' 1	Shock	Stability	147m/s2 (	(6 ms)	
Mechanical	Snock	Strength	490m/s2 (	(6 ms)	
Specifications		Vibration	20G Max. Sin 80	0Hz-2000Hz	
Evenanted Life		Mechanical Life	1,000,000	times	
Expected Life	Electric	al Endurance (Resistance)	6000 times (30A	A 750V DC)	
	Contact Form	1NO	Terminal	M5 Internal Thread	
	Contact Resistance	$\leq 30 \text{m}\Omega$ (@ 6VDC 20A)	Rated Load Voltage	12~1000VDC	
Main Contact	Rated Load Current	30A	Max. Switching Power	100 kW	
Parameters	Min. Load		1A 12V	DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		30A		
	Short Time Overload Current (40mm2 at 40°C)		75A 15min, 100A 3min, 150A 30s		
	Standard Type Voltage		12V DC	24V DC	
		Working Voltage	9~16V	18~32V	
	Max. Voltage		16V	32V	
		Action Voltage	≤9V	≤18V	
		Release Voltage	≥1V	≥2V	
Coil Parameters		Coil Resistance	40×(1±10%) Ω	152×(1±10%) Ω	
	Min Start Curi	rent & Average Holding Current	0.46A	0.25A	
	S	Steady State Power	5.5W	6W	
		Actuation Times	≤30ms	≤30ms	
		Dropout Times	≤10ms	≤10ms	
		Bounce Times	≤5ms	≤5ms	

### **Dimension and Installation (Unit: mm)**

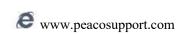
# 98.5±0.6 12 46.5 51

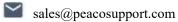






Re: A1, A2 are for the load, 1, 2 are for the coil end. Load and coil have no polarity.









### **→ PEACO-ADH50** High-Voltage DC Contactor

#### **Features**

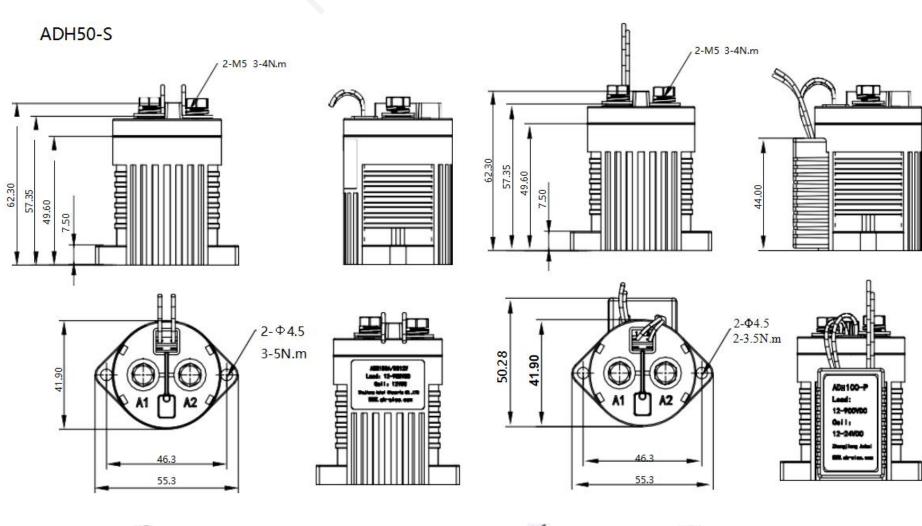
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no 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**

3		D		1000140	(500H DC)	
	Insulation Resistance	Between Contacts		1000MΩ (500V DC)		
Electrical		Between Contacts and Coil	1000MΩ (500V DC)			
Specifications		Between Contacts and Shell			(500V DC)	
Specifications	Dielectric Strength	Between Contacts			AC, ≤ 1mA	
		Between Contacts and Coil		2500VA	AC, ≤ 1mA	
Mechanical	Shock	Stability		196m/	s2 (6 ms)	
Specifications	Shock	Strength		490m/	s2 (6 ms)	
Specifications	,	Vibration		20G Max. Si	n 80Hz-2000Hz	
Expected Life	Med	chanical Life		1,000,0	000 times	
Expected Life	Electrical Er	ndurance (Resistance)		10,000 times	(50A 750V DC)	
	Contact Form	SPST-NO, 1NO	Terr	ninal	M5 Internal Thread	
	Contact Resistance	$\leq 30 \text{m}\Omega$ (@ 6VDC 20A)	Rated Loa	ad Voltage	12~1000VDC	
Main Contact	Rated Load Current	50A	Max. Swite	ching Power	160 kW	
Parameters	Min. Load			1A 12V DC		
	Standard Continuous (Carry) Current (40mm2 Leads)			5	50A	
	Short Time Overload Current (40mm>2 at 40°C)		75	5A 15min, 100	A 3min, 150A 30s	
	Voltage Type		Standard T	ype Voltage	Energy-Saving Type	
	Voltage		12VDC	24VDC	12V/24V DC	
	Working Voltage		9~16V	18~32V	8-36V	
	M	ax. Voltage	16V	32V	36V	
	Action Voltage		≤9V	≤18V	7-8V	
	Rel	ease Voltage	≥1V	≥2V	5-6V	
Coil Parameters	Coi	1 Resistance	$26\Omega$	96Ω	$4.7\Omega$	
	Min Starting Curren	t & Average Holding Current	0.46A	0.25A	1.5A & 0.18(@12V)	
	Transie	nt Inrush Current	/	/	2.5 (0.1s)A	
	Stead	y State Power	5.5W	6W	2-2.3W	
	Act	uation Times	≤25ms	≤25ms	≤20ms	
	Dro	opout Times	≤10ms	≤10ms	≤10ms	
	Во	unce Times	≤5ms	≤5ms	≤5ms	

### **Dimension and Installation (Unit: mm)**

### ADH50-E





### PEACO-ADH100 High-Voltage DC

#### **Features**

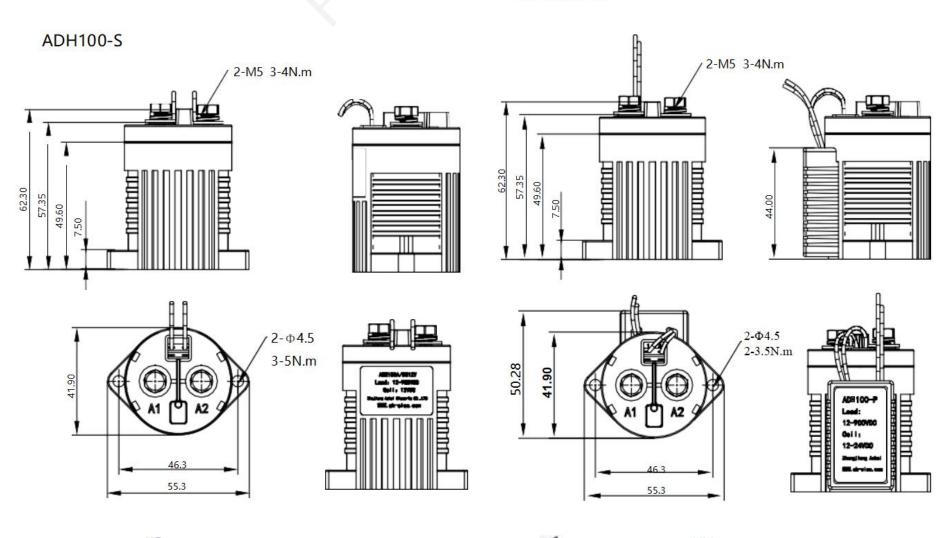
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 2~2.3W power, counter electromotive force up to 0V.
- Non-polarity. There is no 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**

c De Contactor	Datasnect					
	Insulation Resistance	Between Contacts	$1000 M\Omega (500 V DC)$		(500V DC)	
E1 4 1	insulation Resistance	Between Contacts and Coil		$1000 \mathrm{M}\Omega \ (500 \mathrm{VDC})$		
Electrical Specifications		Between Contacts and Shell		1000ΜΩ	(500V DC)	
Specifications	Dielectric Strength	Between Contacts		8000VA	AC, ≤ 1mA	
		Between Contacts and Coil		2500VA	AC, ≤ 1mA	
Mechanical Specifications	Shock	Stability		196m/	s2 (6 ms)	
	SHOCK	Strength		490m/	s2 (6 ms)	
Specifications	,	Vibration		20G Max. Si	n 80Hz-2000Hz	
Expected Life	Med	chanical Life		1,000,0	000 times	
Expected Life	Electrical Er	ndurance (Resistance)		10,000 times (	100A 750V DC)	
	Contact Form	SPST-NO, 1NO	Terr	minal	M5 Internal Thread	
	Contact Resistance	$\leq 30 \text{m}\Omega  (@6 \text{VDC } 20 \text{A})$	Rated Lo	ad Voltage	12~1000VDC	
Main Contact	Rated Load Current	100A	Max. Swite	ching Power	320 kW	
Parameters	Min. Load			1A 12V DC		
	Standard Continuous (Carry) Current (40mm2 Leads)			1	00A	
	Short Time Overload Current (40mm2 at 40°C)		15	150A 15min, 200A 3min, 300A 30s		
	Voltage Type			ype Voltage	Energy-Saving Type	
	Voltage		12VDC	24VDC	12V/24V DC	
	Working Voltage		9~16V	18~32V	8-36V	
	M	ax. Voltage	16V	32V	36V	
	Ac	tion Voltage	≤9V	≤18V	7-8V	
		ease Voltage	≥1V	≥2V	5-6V	
Coil Parameters		il Resistance	26Ω	96Ω	$4.7\Omega$	
	-	t & Average Holding Current	0.46A	0.25A	1.5A & 0.18(@12V)	
	Transier	nt Inrush Current	/	/	2.5 (0.1s)A	
		ly State Power	5.5W	6W	2-2.3W	
		uation Times	≤25ms	≤25ms	≤20ms	
		opout Times	≤10ms	≤10ms	≤10ms	
	Во	ounce Times	≤5ms	≤5ms	≤5ms	
1 T 4 11 4*	/TT					

### Dimension and Installation (Unit: mm)

### ADH100-E





### PEACO-ADH150-E High-Voltage DC

### **Features**

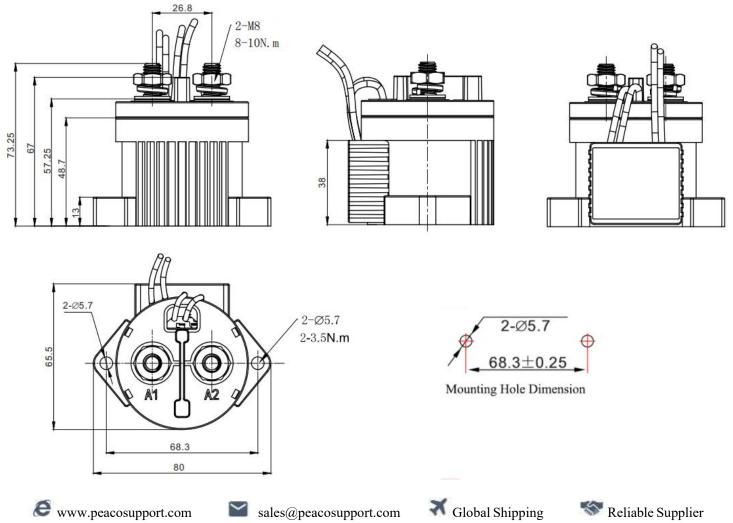
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is 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**

	Insulation Resistance	Between Contacts	1000MΩ (500V DC)		
Electrical	insulation Resistance	Between Contacts and Coil	1000MΩ (500V DC)		
Specifications		Between Contacts and Shell	1000MΩ (50	00V DC)	
Specifications	Dielectric Strength	Between Contacts	10000VAC	, ≤ 1mA	
		Between Contacts and Coil	2500VAC,	≤1mA	
36 1 1 1	Shock	Stability	196m/s2 (	(6 ms)	
Mechanical Specifications	Snock	Strength	490m/s2 (	(6 ms)	
Specifications		Vibration	20G Max. Sin 80	0Hz-2000Hz	
Expected Life	l	Mechanical Life	1,000,000	times	
Expected Life	Electrical	Endurance (Resistance)	10,000 times (150	OA 750V DC)	
	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	
Main Contact	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA	
Parameters	Auxiliary Contact Form		F-K/B/Z		
	Min. Load / Contact Resistance		1A 12V DC	$/ < 0.1\Omega$	
	Standard Continuous (Carry) Current (40mm2 Leads)		1504	A	
	Short Time Overload Current (40mm2 at 40°C)		250A 5min, 300A 2	2min, 400A 30s	
	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 Parameters		Coil Resistance	3.1Ω		
		rent & Average Holding Current	2A & 0.14A (@12V)		
		sient Inrush Current	2.5A (0	,	
		eady State Power	1.7-2W		
		Actuation Times	≤30m		
		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)**



- 21



### PEACO-ADH200-E High-Voltage DC

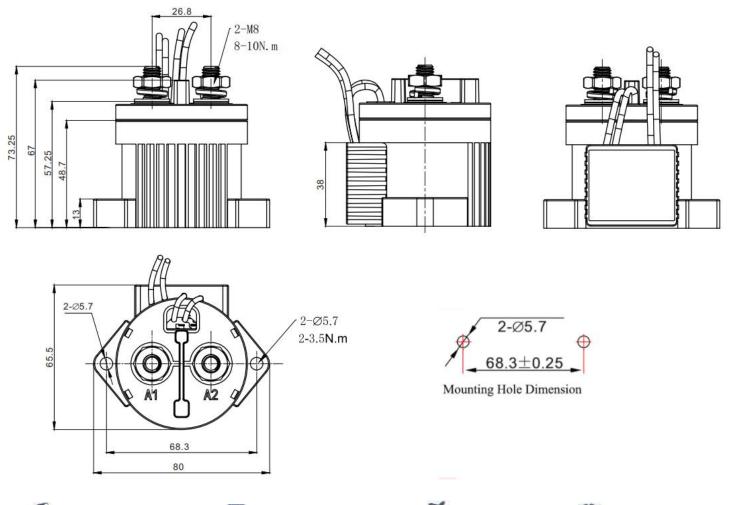
### Features

- 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**

	Insulation Resistance	Between Contacts	1000MΩ (500V DC)		
Electrical	msulation Resistance	Between Contacts and Coil	$1000$ M $\Omega$ (50	00V DC)	
Specifications		Between Contacts and Shell	1000MΩ (50	00MΩ (500V DC)	
Specifications	Dielectric Strength	Between Contacts	10000VAC	, ≤ 1mA	
		Between Contacts and Coil	2500VAC,	≤1mA	
Mechanical Specifications	Shock	Stability	196m/s2 (	(6 ms)	
	Snock	Strength	490m/s2 (	(6 ms)	
Specifications		Vibration	20G Max. Sin 80	0Hz-2000Hz	
E-markad I :fa	]	Mechanical Life	1,000,000	times	
Expected Life	Electrical	l Endurance (Resistance)	10,000 times (200	OA 750V DC)	
	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	
Main Contact	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA	
Parameters	Auxiliary Contact Form		F-K/B/Z		
	Min. Load / Contact Resistance		1A 12V DC / $<$ 0.1Ω		
	Standard Continuous (Carry) Current (40mm2 Leads)		2004	A	
	Short Time Overload Current (40mm2 at 40°C)		320A 5min, 400A 2min, 500A 30s		
	Voltage Type		Energy-Saving Type Voltage		
	Voltage		12V/24V DC		
	Working Voltage		8~36V		
	Max. Voltage		36V		
		Action Voltage		7-8V	
	I	Dropout Voltage	5-6V		
Coil Parameters		Coil Resistance	3.1Ω		
	Min Starting Cur	rent & Average Holding Current	2A & 0.14A (@12V)		
	Tran	sient Inrush Current	2.5A (0	.1s)	
	St	eady State Power	1.7-2W		
	I	Actuation Times	≤30ms		
		Dropout Times	≤10ms		
		Bounce Times	≤5m	S	
			——————————————————————————————————————		

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





## PEACO-ADH250-E High-Voltage DC

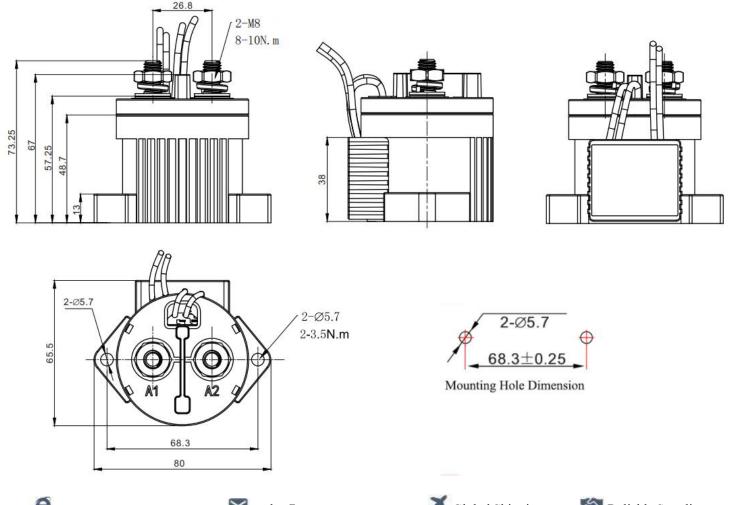
#### **Features**

- 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**

	Insulation Desistance	Between Contacts	$1000 \mathrm{M}\Omega$ (5	00V DC)	
T1 1	Insulation Resistance	Between Contacts and Coil	1000MΩ (500V DC)		
Electrical		Between Contacts and Shell	$1000 \mathrm{M}\Omega$ (5	00V DC)	
Specifications	Dielectric Strength	Between Contacts	10000VAC	C, ≤ 1mA	
	-	Between Contacts and Coil	2500VAC	, ≤ 1mA	
36.1.1	C11-	Stability	196m/s2	(6 ms)	
Mechanical Specifications	Shock	Strength	490m/s2	(6 ms)	
Specifications		Vibration	20G Max. Sin 8	30Hz-2000Hz	
Expected Life	l	Mechanical Life	1,000,000	0 times	
Expected Life	Electrical	Endurance (Resistance)	8,000 times (25)	0A 750V DC)	
	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	
Main Contact	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA	
Parameters	Auxiliary Contact Form		F-K/B/Z		
	Min. Load / Contact Resistance		1A 12V DC	$c/<0.1\Omega$	
	Standard Continuous (Carry) Current (40mm2 Leads)		250	A	
	Short Time Overload Current (40mm2 at 40°C)		400A 5min, 500A 2min, 600A 30s		
	Voltage Type		Energy-Saving Type Voltage		
	Voltage		12V/24V DC		
	Working Voltage		8~36V		
		Max. Voltage	36V		
		Action Voltage	7-8V		
		Oropout Voltage	5-6V		
Coil Parameters		Coil Resistance	3.1Ω		
	<del>_</del>	rent & Average Holding Current	2A & 0.14A (@12V)		
		sient Inrush Current	2.5A (		
		eady State Power	1.7-2		
	A	Actuation Times	≤30ms		
		Dropout Times	≤10 <sub>1</sub>		
		Bounce Times	≤5ms		

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





### PEACO-ADH300-E High-Voltage DC

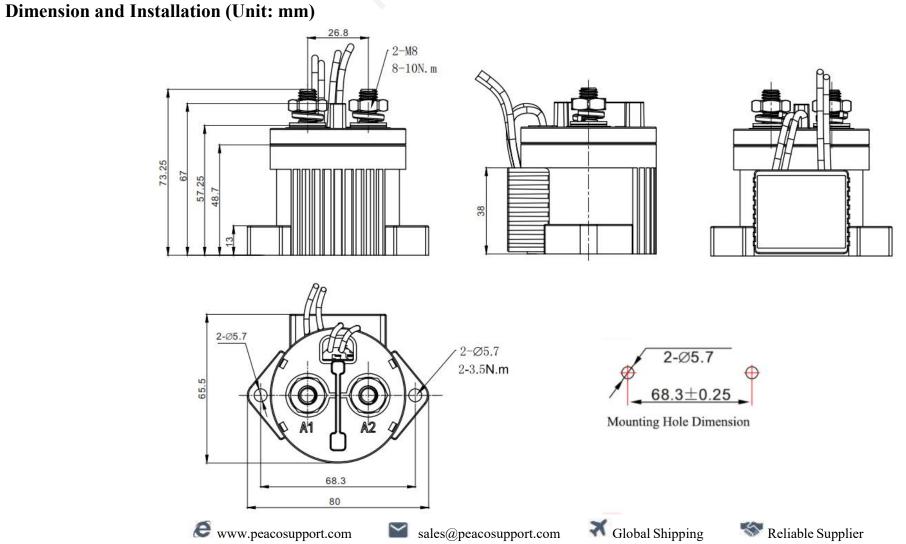
#### **Features**

- 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       Between Contacts       1000MΩ (500V DC)         Between Contacts and Coil       1000MΩ (500V DC)         Between Contacts and Shell       1000MΩ (500V DC)         Between Contacts       10000VAC, ≤ 1mA         Between Contacts and Coil       2500VAC, ≤ 1mA		
Electrical Specifications       Between Contacts and Coil $1000M\Omega$ (500V DC)         Between Contacts and Shell $1000M\Omega$ (500V DC)         Between Contacts and Shell $10000M\Omega$ (500V DC)         Between Contacts $10000VAC$ , ≤ 1mA		
Specifications       Dielectric Strength       Between Contacts and Shell       1000MΩ (500V DC)         Between Contacts       10000VAC, ≤ 1mA		
Dielectric Strength Between Contacts 10000VAC, ≤ ImA		
Retween Contacts and Coil $2500 \text{VAC} < 1 \text{mA}$		
Detween Contacts and Con 2500 v Ac, \(\sime\) fina		
Stability 196m/s2 (6 ms)		
Mechanical Shock Strength 490m/s2 (6 ms)		
Vibration 20G Max. Sin 80Hz-2000Hz		
Mechanical Life 1,000,000 times		
Expected Life Electrical Endurance (Resistance) 5,000 times (300A 750V DC)		
Contact Form 1NO Terminal M10 External Th	read	
Contact Resistance ≤30mΩ (@ 6VDC 20A) Rated Load Voltage 12-1000V DC	,	
Rated Load Current 300A Max. Switching Power 950kW		
Main Contact Max. Current 30V DC 2A, 125V AC 3A Min. Current 8V DC 100m/	4	
Parameters Auxiliary Contact Form F-K/B/Z		
Min. Load / Contact Resistance $1A 12V DC / < 0.1\Omega$		
Standard Continuous (Carry) Current (40mm2 Leads) 300A		
Short Time Overload Current (40mm2 at 40°C) 400A 5min, 500A 2min, 600A 30s		
Voltage Type Energy-Saving Type Voltage	0, 0, 1,	
Voltage 12V/24V DC	12V/24V DC	
Working Voltage 8~36V	8~36V	
Max. Voltage 36V		
Action Voltage 7-8V		
Dropout Voltage 5-6V		
Coil Parameters 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).





### PEACO-ADH500-E High-Voltage DC

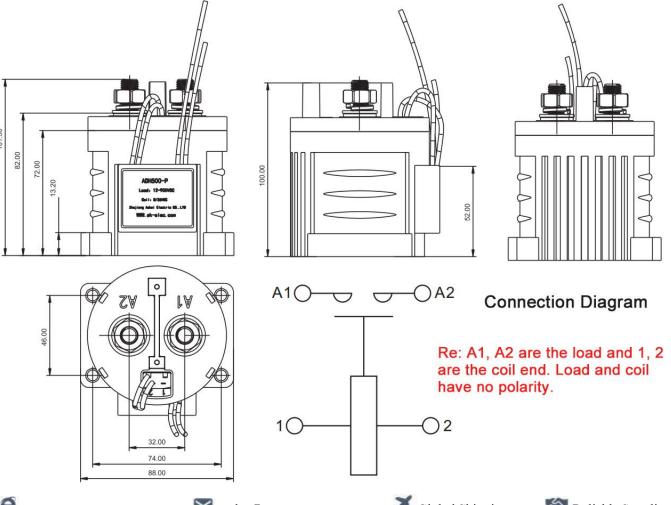
#### **Features**

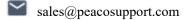
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- High efficiency coil. The energy-saving coil holds 1.7~2.0W power, counter electromotive force up to 0V.
- Non-polarity. There is 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**

<b>5.</b> 2 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2				
	Insulation Desistance	Between Contacts	1000MΩ (5	500V DC)	
T1 1	Insulation Resistance	Between Contacts and Coil	1000MΩ (500V DC)		
Electrical		Between Contacts and Shell	1000MΩ (5	500V DC)	
Specifications	Dielectric Strength	Between Contacts	2500VAC	$C, \leq 1 \text{mA}$	
		Between Contacts and Coil	2500VAC	C, ≤ 1mA	
36.1.1.1	G1 1	Stability	196m/s2	(6 ms)	
Mechanical Specifications	Shock	Strength	490m/s2	(6 ms)	
Specifications		Vibration	20G Max. Sin 8	80Hz-2000Hz	
E	N	Mechanical Life	1,000,00	0 times	
Expected Life	Electrical	Endurance (Resistance)	3,000 times (50	0A 750V DC)	
	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	
Main Contact	Max. Current	30V DC 2A, 125V AC 3A	Min. Current	8V DC 100mA	
Parameters	Auxiliary Contact Form		F-K/B/Z		
	Min. Load / Contact Resistance		1A 12V DC / $<$ 0.1Ω		
	Standard Continuous (Carry) Current (40mm2 Leads)		500	)A	
	Short Time Overload Current (40mm2 at 40°C)		400A 5min, 500A 2min, 600A 30s		
	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 Parameters	(	Coil Resistance	3.1Ω		
	Min Starting Cur	rent & Average Holding Current	2A & 0.14A (@12V)		
	Tran	sient Inrush Current	2.5A (0.1s)		
		eady State Power	1.7-2W		
	A	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).







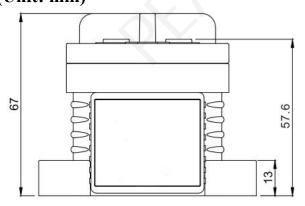
### PEACO-ADH100X-2K High-Voltage DC

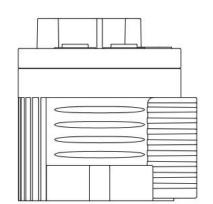
#### **Features**

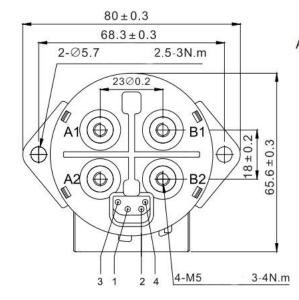
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- Two sets of main contacts can control the total positive and negative of the load simultaneously and also improve the reliability 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.

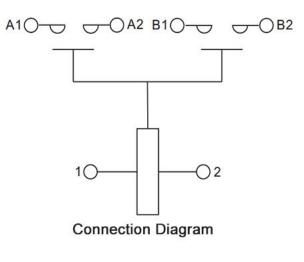
### **High Voltage DC Contactor Datasheet**

Between Contacts       1000MΩ (500V DC)         Between Contacts and Coil       1000MΩ (500V DC)         Between Contacts and Shell       1000MΩ (500V DC)         Between Contacts and Shell       1000MΩ (500V DC)         Between Contacts       8000VAC, ≤ 1mA         Between Contacts and Coil       2500VAC, ≤ 1mA         Stability       147m/s2 (6 ms)	
Electrical Specifications       Between Contacts and Coil       1000MΩ (500V DC)         Between Contacts and Shell       1000MΩ (500V DC)         Between Contacts       8000VAC, ≤ 1mA         Between Contacts and Coil       2500VAC, ≤ 1mA	
Specifications Dielectric Strength Dielectric Strength Between Contacts and Shell $1000M\Omega (500V DC)$ Between Contacts $8000VAC, \le 1mA$ Between Contacts and Coil $2500VAC, \le 1mA$	
Between Contacts  Between Contacts  8000VAC, ≤ 1mA  Between Contacts and Coil  2500VAC, ≤ 1mA	
7=	
Stability 147m/s2 (6 ms)	
Mechanical Shock Statistics (6 lils)	
Mechanical Shock Strength 490m/s2 (6 ms)	
Vibration 20G Max. Sin 80Hz-2000Hz	
Expected Life 1,000,000 times	
Expected Life Electrical Endurance (Resistance) 10, 000 times (100A 750V DC)	
Contact Form DPST-NO, 2NO Terminal M6 Internal	Thread
Contact Resistance ≤30mΩ (@ 6VDC 20A) Rated Load Voltage 12~1000°	VDC
Main Contact Rated Load Current 100A Max. Switching Power 160 kV	W
Parameters Min. Load 1A 12V DC	
Standard Continuous (Carry) Current (40mm2 Leads) 100A	
Short Time Overload Current (40mm2 at 40°C) 150A 15min, 200A 3min, 300A 30	5
Standard Type Voltage 12V DC 24V D	C
Working Voltage 9~16V 18~32	V
Max. Voltage 16V 32V	
Action Voltage ≤9V ≤18V	7
Release Voltage ≥1V ≥2V	
Coil Parameters Coil Resistance $13\Omega (\pm 10\%)$ $48\Omega (\pm 1$	0%)
Min Starting Current & Average Holding Current 0.92A & 0.9A 0.5A	:
Steady State Power 11W 12W	
Actuation Times ≤30ms ≤30ms	s
Dropout Times ≤10ms ≤10ms	S
Bounce Times ≤5ms ≤5ms	3

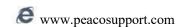


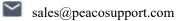




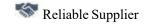


Re: A1, A2 are the load and 1, 2 are the coil end. Load and coil have no polarity.
A1, A2 --- Group A main contacts. B1, B2 --- Group B main contacts. 1, 2 --- Coil Driver. 3, 4 --- NO auxiliary contact.











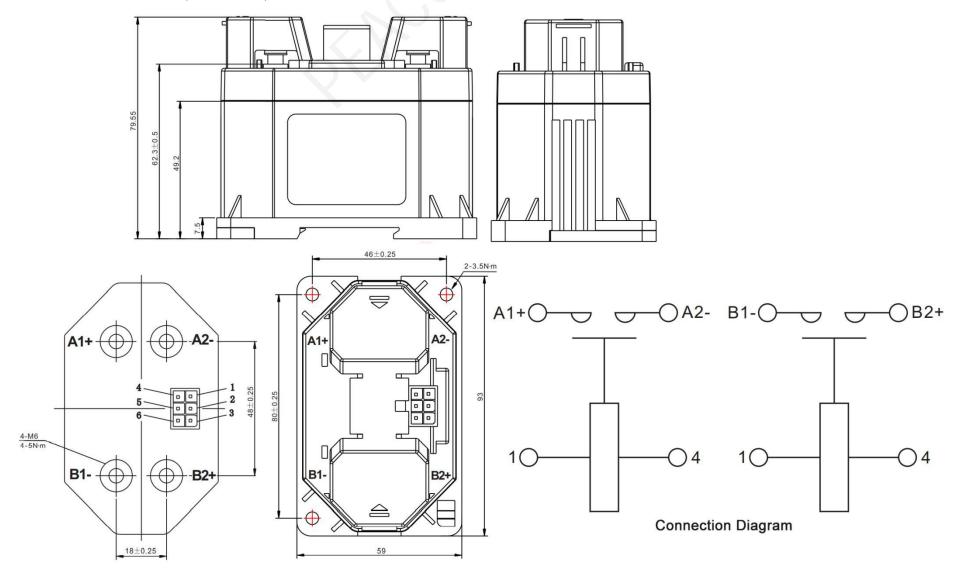
### PEACO-ADH100-2K High-Voltage DC

#### **Features**

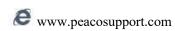
- Epoxy sealed. Epoxy resin encapsulated seal structure allows the working in explosive and harmful environment and coils and contacts will not be oxidized and polluted.
- Two sets of main contacts can control the total positive and negative of the load simultaneously and also improve the reliability 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.

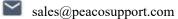
### **High Voltage DC Contactor Datasheet**

Electrical	T 1 D	Between Contacts	1000MΩ (50	00V DC)	
	Insulation Resistance	Between Contacts and Coil	1000MΩ (500V DC)		
	Between Contacts and Shell		1000MΩ (500V DC)		
Specifications	Dielectric Strength	Between Contacts	8000VAC,	≤1mA	
		Between Contacts and Coil	2500VAC,	≤1mA	
Mechanical	Shock	Stability	147m/s2 (	(6 ms)	
Specifications	SHOCK	Strength	490m/s2 (	(6 ms)	
Specifications		Vibration	20G Max. Sin 80	0Hz-2000Hz	
Expected Life		Mechanical Life	1,000,000	times	
Expected Life	Electrica	al Endurance (Resistance)	6,000 times (100	A 750V DC)	
	Contact Form	DPST-NO, 2NO	Terminal	M6 Internal Thread	
	Contact Resistance	$\leq 30 \text{m}\Omega \ (@ 6\text{VDC } 20\text{A})$	Rated Load Voltage	12~1000VDC	
Main Contact	Rated Load Current	100A	Max. Switching Power	160 kW	
Parameters	Min. Load		1A 12V	DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		100A	<b>A</b>	
	Short Time Overload Current (40mm2 at 40°C)		150A 15min, 200A	3min, 300A 30s	
	Standard Type Voltage		12V DC	24V DC	
	Working Voltage		9~16V	18~32V	
	Max. Voltage		16V	32V	
	Action Voltage		≤9V	≤18V	
		Release Voltage	≥1V	≥2V	
Coil Parameters		Coil Resistance	13Ω (±10%)	$48\Omega~(\pm 10\%)$	
	Min Starting Cu	rrent & Average Holding Current	0.92A & 0.9A	0.5A	
	S	steady State Power	11W	12W	
		Actuation Times	≤30ms	≤30ms	
		Dropout Times	≤10ms	≤10ms	
		Bounce Times	≤5ms	≤5ms	



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

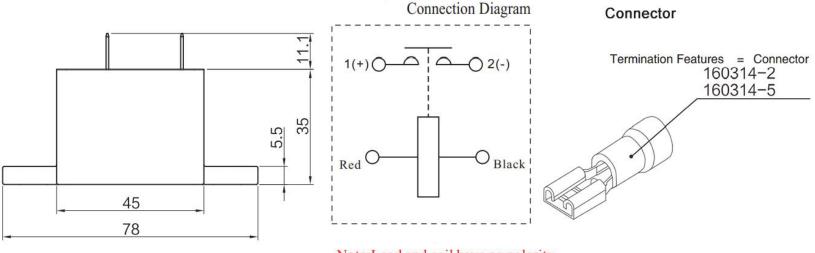


#### **Features**

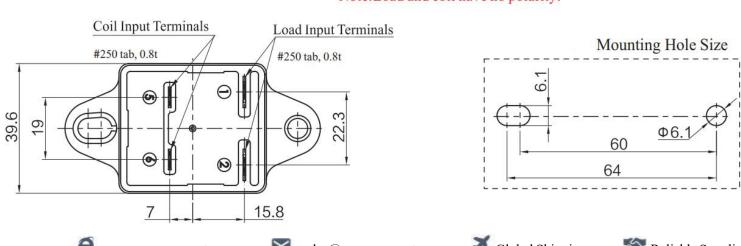
- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 20A 85°C long-term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

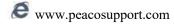
### **High Voltage DC Contactor Datasheet**

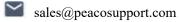
	Insulation Resistance Between Contacts		1000MΩ (1000V DC)		
Electrical Specifications	insulation Resistance	Between Contacts and Coil	1000ΜΩ (	1000MΩ (1000V DC)	
	Between Contacts and Shell		1000MΩ (1000V DC)		
	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA		
		Between Contacts and Coil	4000VA	C, ≤ 1mA	
36 1 1 1	C11-	Stability	196m/s2	, 98m/s2	
Mechanical	Shock	Strength	490m/s	2 (6 ms)	
Specifications		Vibration	10Hz-500H	Iz 49mm/s2	
		Mechanical Life	200,00	0 times	
Expected Life	Desisti	I 11:6: (C::4:1::)	100,000 times (	(20A 450V DC)	
	Resistiv	ve Load Life (Switching)	75,000 times (	20A 750V DC)	
	Contact Form	DPST-NO, 1NO	Terminal	Connector	
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC	
Main Contact	Rated Load Current	20A	Max. Switching Power	450V 9kW, 750V 15kW	
Main Contact Parameters	Min. Load		1A 12V DC		
1 arameters	Standard Continuous (Carry) Current (40mm2 Leads)		20	)A	
	Short Time Overload Current (40mm2 at 40°C)		20A continuous, 30A 60min, 40A 20min, 80A 30s, 120A 10s, 200A 0.6s		
	Standard Type Voltage		12V DC	24V DC	
	Working Voltage		9~16V	18~32V	
	Max. Voltage		16V	32V	
	Action Voltage		≤75%	≤75%	
	Release Voltage		<u>≥8%</u>	≥8%	
Coil Parameters		Coil Resistance	48Ω (±10%)	190Ω (±10%)	
	Min Starting Cu	Min Starting Current & Average Holding Current		0.13A	
		teady State Power	3W	3W	
		Actuation Times	≤30ms	≤30ms	
		Dropout Times	≤10ms	≤10ms	
		Bounce Times	≤5ms	≤5ms	
	Ор	eration Temperature	-40°C~85°C		
•		peration Humidity	5%-83	5%RH	
Operation Conditions		Protection Grade	IP	67	
Conditions	Di	mension (W*H*D)	78*39.6*46.1mm		
		Weight	15	0g	
	Weight		1508		



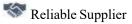
Note:Load and coil have no polarity.













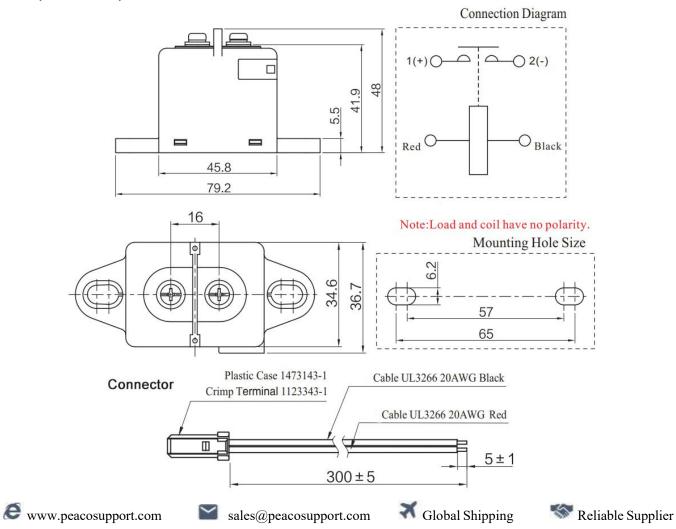
### → PEACO-ADE40 High-Voltage DC Contactor

### **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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

### **High Voltage DC Contactor Datasheet**

	Insulation Resistance Between Contacts		1000MΩ (1000V DC)	
Electrical	Insulation Resistance	Between Contacts and Coil	1000ΜΩ	(1000V DC)
Specifications	Between Contacts and Shell		$1000 M\Omega (1000 V DC)$	
	Dielectric Strength	Between Contacts 3000VAC, ≤ 1mA		AC, ≤ 1mA
		Between Contacts and Coil	4000VA	AC, ≤ 1mA
Mechanical	Shock	Stability	196m/s	2,98m/s2
Specifications	SHOCK	Strength	490m/	s2 (6 ms)
Specifications		Vibration	10Hz-500	Hz 49mm/s2
		Mechanical Life	200,0	00 times
Expected Life	Dagiativ	va I and I ifa (Switzhina)	75,000 times	(40A 450V DC)
	Resistiv	ve Load Life (Switching)	75,000 times	(40A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M2 Internal Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (@6\text{VDC }20\text{A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	40A	Max. Switching Power	450V 18kW, 750V 30kW
Parameters		Min. Load	1A 12V DC	
1 drameters	Standard Continuous (Carry) Current (40mm2 Leads)		40A	
	Short Time Overload Current (40mm2 at 40°C)		40A continuous, 60A 60min, 80A 20min, 160A 30s, 320A 10s, 400A 0.6s	
	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 Parameters	Coil Resistance		48Ω (±10%)	190Ω (±10%)
	Min Starting Current & Average Holding Current		0.25A	0.13A
	Steady State Power		3W	3W
		Actuation Times		≤30ms
	Dropout Times		≤10ms	≤10ms
		Bounce Times	≤5ms	≤5ms
	Operation Temperature		-40°C~85°C	
Operation		peration Humidity	5%-85%RH	
Conditions		Protection Grade		P67
Conditions	Di	mension (W*H*D)		5.7*48mm
	Weight		150g	





## PEACO-ADE100 High-Voltage DC



### **Features**

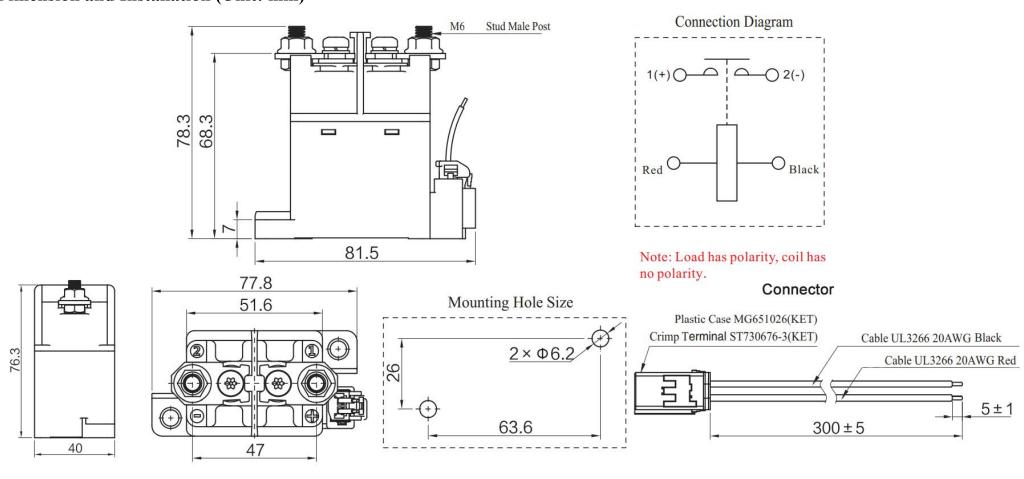
- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 100A 85°C 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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

### **High Voltage DC Contactor Datasheet**

	Insulation Resistance Between Contacts		1000MΩ (1000V DC)		
Electrical Specifications	insulation Resistance	Between Contacts and Coil	1000MΩ	(1000V DC)	
	Between Contacts and Shell		1000MΩ (1000V DC)		
	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA		
		Between Contacts and Coil	4000VA	AC, ≤ 1mA	
N/ 1 ' 1	Shock	Stability	196m/s	2,98m/s2	
Mechanical Specifications	SHOCK	Strength	490m/	(s2 (6 ms)	
Specifications		Vibration	10Hz-500	Hz 49mm/s2	
		Mechanical Life	2,000,	000 times	
Expected Life	Desisti	I 11:f- (C:t-1:)	6,000 times (	100A 450V DC)	
_	Resistiv	ve Load Life (Switching)	6,000 times (	100A 750V DC)	
	Contact Form	DPST-NO, 1NO	Terminal	M6 External Thread	
	Contact Resistance	≤10mΩ (@ 6VDC 20A)	Rated Load Voltage	12~750VDC	
Main Contact	Rated Load Current	100A	Max. Switching Power	450V 45kW, 750V 75kW	
Parameters		Min. Load		1A 12V DC	
1 arameters	Standard Continuous (Carry) Current (40mm2 Leads)		100A		
	Short Time Overload Current (40mm2 at 40°C)		100A continuous, 120	100A continuous, 120A 2h, 200A 10min, 400A	
				30s, 1000A 0.6s	
	Standard Type Voltage		12V DC	24V DC	
	Working Voltage		9~16V	18~32V	
	Max. Voltage		16V	32V	
	Action Voltage		≤75%	≤75%	
	Release Voltage		≥8% 32Ω (±10%)	≥8%	
Coil Parameters		Coil Resistance		128Ω (±10%)	
		rrent & Average Holding Current	0.38A	0.19A	
		teady State Power	4.5W	4.5W	
		Actuation Times	≤30ms	≤30ms	
		Dropout Times	≤10ms	≤10ms	
		Bounce Times	≤5ms	≤5ms	
		eration Temperature	-40°C~85°C		
Operation		peration Humidity		85%RH	
Conditions		Protection Grade		P67	
Conditions	Di	mension (W*H*D)	81.5*40	.0*78.3mm	
	Weight		4	400g	
	Weight		Toug		

### **Dimension and Installation (Unit: mm)**

www.peacosupport.com



sales@peacosupport.com

**3** Global Shipping

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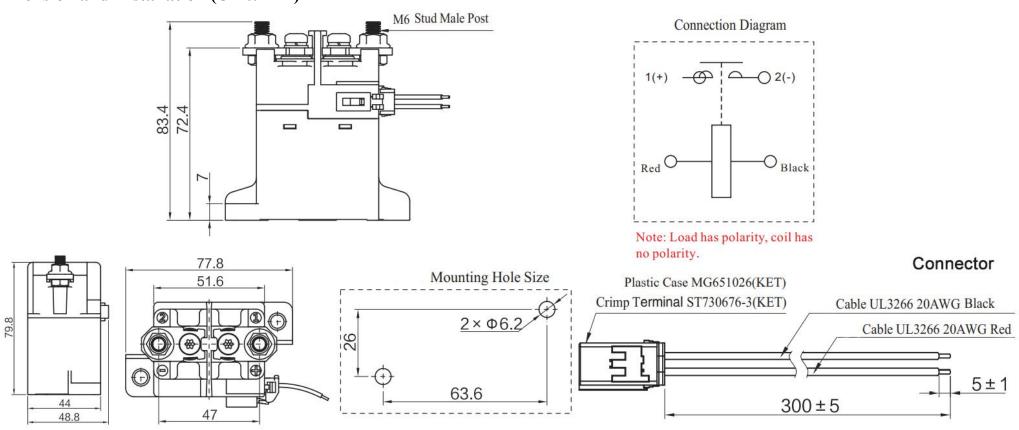
### PEACO-ADE150 High-Voltage DC

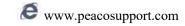
### **Features**

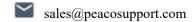
- Ceramic brazing sealing technology is adopted, there is no arc leakage risk, no fire and no burst risk.
- The encapsulating based on hydrogen gas can effectively prevent the contact from oxidizing and burning, the contact resistance is low and stable and the contact part can meet IP67.
- 150A 85°C 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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

### **High Voltage DC Contactor Datasheet**

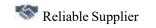
	Insulation Registeres Between Contacts		1000MΩ (1000V DC)	
Electrical	Insulation Resistance	Between Contacts and Coil	1000MΩ (1000V DC)	
Specifications	Between Contacts and Shell		1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	4000	VAC, ≤ 1mA
N. 1 . 1	Shock	Stability	196m	/s2, 98m/s2
Mechanical Specifications	Snock	Strength	4901	m/s2 (6 ms)
Specifications		Vibration	10Hz-50	00Hz 49mm/s2
	Me	echanical Life	2,00	0,000 times
Expected Life	Dagistiva I	and Life (Switching)	6,000 times	s (150A 450V DC)
	Resistive L	Load Life (Switching)	6,000 times	s (150A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M6 External Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (@6\text{VDC }20\text{A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	150A	Max. Switching Power	450V 67.5kW, 750V 112.5kW
Parameters -	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		150A	
	Short Time Overload Current (40mm2 at 40°C)		150A continuous, 180A 2h, 300A 10min, 600A 2min, 900A 30s, 1500A 0.6s	
	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 Parameters	Coil Resistance		24Ω (±10%)	$96\Omega~(\pm 10\%)$
	Min Starting Currer	Min Starting Current & Average Holding Current		0.25A
	Stea	Steady State Power		6W
	Ac	Actuation Times		≤30ms
	Dropout Times		≤10ms	≤10ms
	Ве	ounce Times	≤5ms	≤5ms
		tion Temperature	-40°C~85°C	
Operation		ration Humidity	5%-85%RH	
Conditions		tection Grade		IP67
Conditions	Dime	nsion (W*H*D)	77.8*4	48.8*83.4mm
	Weight		450g	













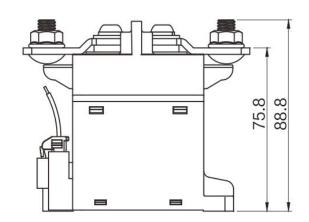
### PEACO-ADE200 High-Voltage DC

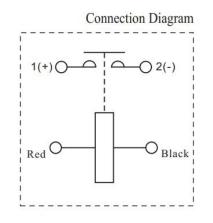
### **Features**

- 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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

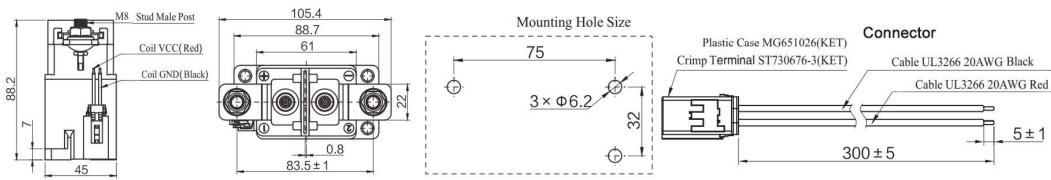
### **High Voltage DC Contactor Datasheet**

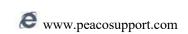
	Insulation Resistance Between Contacts		1000MΩ (1000V DC)	
F1 1	insulation Resistance	Between Contacts and Coil	1000MΩ (1000V DC)	
Electrical Specifications	Between Contacts and Shell		1000MΩ (1000V DC)	
Specifications	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VA	AC, ≤ 1mA
Mechanical	Shock	Stability	196m/s2, 98m/s2	
Specifications	SHOCK	Strength	490m/	s2 (6 ms)
Specifications	V	ibration	10Hz-500	Hz 49mm/s2
	Mech	nanical Life	2,000,0	000 times
Expected Life	Posistive I or	ad Life (Switching)	10,000 times (	200A 450V DC)
	Kesistive Loc	ad Life (Switching)	,	200A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M8 External Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (@6\text{VDC }20\text{A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	200A	Max. Switching Power	450V 67.5kW, 750V 112.5kW
Parameters	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		200A	
	Short Time Overload Current (40mm2 at 40°C)		200A continuous, 300A 1h, 40	0A 20min, 800A 30s, 2000A 0.6s
	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 Parameters	Coil Resistance		32Ω (±10%)	$128\Omega~(\pm 10\%)$
	Min Starting Current & Average Holding Current		2.92A	1.46A
	Steady State Power		4.5W	4.5W
	Actua	ation Times	≤30ms	≤30ms
	Dropout Times		≤10ms	≤10ms
	Bounce Times		≤5ms	≤5ms
		on Temperature	-40°C~85°C	
Operation		ion Humidity	5%-85%RH	
Conditions		ction Grade	IP67	
		ion (W*H*D)	105.4*45.0*88.8mm	
	Weight		650g	

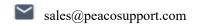




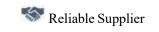
Note: Load and coil have polarity.













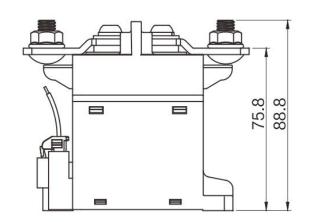
### PEACO-ADE250 High-Voltage DC

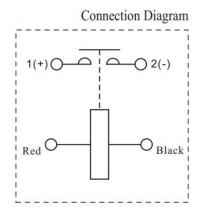
### Features

- 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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

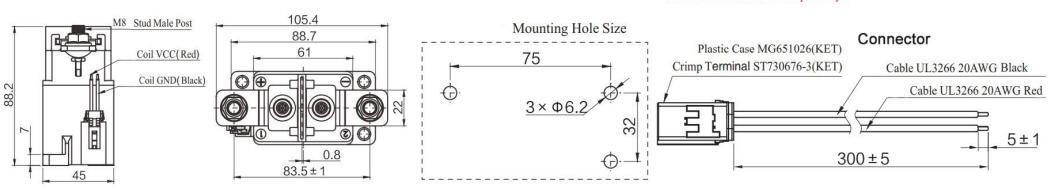
### **High Voltage DC Contactor Datasheet**

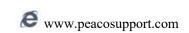
	Between Contacts		1000MΩ (1000V DC)	
Electrical Specifications	Insulation Resistance	Between Contacts and Coil	1000MΩ (1000V DC)	
	Between Contacts and Shell		1000MΩ (1000V DC)	
	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VA	AC, ≤ 1mA
N. 1 . 1	Shock	Stability	196m/s2, 98m/s2	
Mechanical Specifications	Snock	Strength	490m/	(s2 (6 ms)
Specifications	V	ibration	10Hz-500	Hz 49mm/s2
	Mech	nanical Life	2,000,	000 times
Expected Life	Pagistiva I o	ad Life (Switching)	6,000 times (	250A 450V DC)
		ad Life (Switching)	,	250A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (@6\text{VDC }20\text{A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	250A	Max. Switching Power	450V 112.5kW, 750V 187.5kW
Parameters	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		250A	
	Short Time Overload Current (40mm2 at 40°C)		200A continuous, 300A 1h, 40	0A 20min, 800A 30s, 2000A 0.6s
	Standard Type Voltage		12V DC	24V DC
	Working Voltage		9~16V	18~32V
	Max	x. Voltage	16V	32V
	Action Voltage		≤75%	≤75%
	Release Voltage		≥8%	≥8%
Coil Parameters	Coil Resistance		$24\Omega~(\pm 10\%)$	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
		oout Times	≤10ms	≤10ms
		nce Times	≤5ms	≤5ms
		n Temperature	-40°C~85°C	
Operation		ion Humidity	5%-85%RH	
Conditions		ction Grade		P67
		ion (W*H*D)	105.4*45.0*88.8mm	
		Weight	(	550g

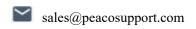




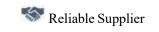
Note: Load and coil have polarity.













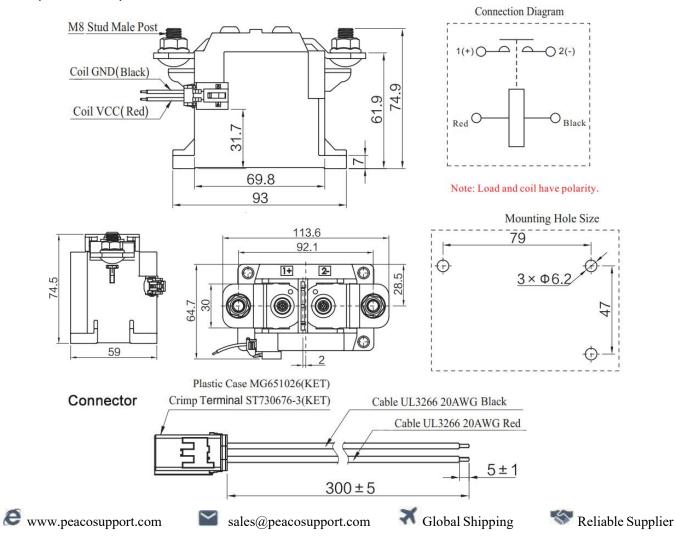
### PEACO-ADE300 High-Voltage DC

### **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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

### **High Voltage DC Contactor Datasheet**

	Insulation Resistance Between Contacts		1000MΩ (1000V DC)	
Electrical	msuration Resistance	Between Contacts and Coil	$1000 M\Omega (1000 V DC)$	
Specifications	Between Contacts and Shell		$1000 \mathrm{M}\Omega  (1000 \mathrm{V}  \mathrm{DC})$	
Specifications	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VA	C, ≤ 1mA
Mechanical	Shock	Stability	196m/s2	., 98m/s2
Specifications	SHOCK	Strength	490m/s	2 (6 ms)
Specifications	V	ibration	10Hz-500F	Hz 49mm/s2
	Mec	hanical Life	, ,	00 times
Expected Life	Pacietive I o	ad Life (Switching)	10,000 times (3	300A 450V DC)
	Kesistive Lo	ad Life (Switching)	6,000 times (3	00A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (\text{@ 6VDC 20A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	300A	Max. Switching Power	450V 135kW, 750V 225kW
Parameters	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		300A	
	Short Time Overload Current (40mm2 at 40°C)		300A continuous, 450A 1h, 600.	A 20min, 1200A 30s, 3000A 0.6s
	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 Parameters	Coil	Resistance	$32\Omega~(\pm 10\%)$	$128\Omega~(\pm 10\%)$
	Min Starting Current	& Average Holding Current	3.4A & 0.37A	1.6A & 0.18A
		State Power	4.5W	4.5W
	Actu	ation Times	≤30ms	≤30ms
		pout Times	≤10ms	≤10ms
	Вои	ince Times	≤5ms	≤5ms
		on Temperature	-40°C~85°C	
Operation		ion Humidity		5%RH
Conditions		ection Grade		<b>2</b> 67
Conditions	Dimens	sion (W*H*D)	113.6*64.7*74.9mm	
	Weight		850g	





### 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  $1000M\Omega$  (1000V DC) and the dielectric strength meets the requirements of IEC60664-1.

### **High Voltage DC Contactor Datasheet**

	Insulation Resistance Between Contacts		1000MΩ (1000V DC)	
Electrical	msulation Resistance	Between Contacts and Coil	$1000 M\Omega (1000 V DC)$	
Specifications	Between Contacts and Shell		$1000 M\Omega (1000 V DC)$	
Specifications	Dielectric Strength	Between Contacts	3000VAC, ≤ 1mA	
		Between Contacts and Coil	2500VA	.C, ≤ 1mA
Mechanical	Shock	Stability	196m/s2	2,98m/s2
Specifications		Strength		s2 (6 ms)
Specifications		/ibration		Hz 49mm/s2
	Mec	hanical Life	, ,	000 times
Expected Life	Pacietiva I c	oad Life (Switching)	3,000 times (4	100A 450V DC)
		bad Life (Switching)		00A 750V DC)
	Contact Form	DPST-NO, 1NO	Terminal	M8 Internal Thread
	Contact Resistance	$\leq 10 \text{m}\Omega  (@6\text{VDC }20\text{A})$	Rated Load Voltage	12~750VDC
Main Contact	Rated Load Current	400A	Max. Switching Power	450V 135kW, 750V 225kW
Parameters	Min. Load		1A 12V DC	
	Standard Continuous (Carry) Current (40mm2 Leads)		400A	
	Short Time Overload Current (40mm2 at 40°C)		400A continuous, 450A 1h, 600	A 20min, 1200A 30s, 3000A 0.6s
	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 Parameters	Coil Resistance		32Ω (±10%)	128Ω (±10%)
	Min Starting Current	Min Starting Current & Average Holding Current		1.6A & 0.18A
	Stead	Steady State Power		4.5W
	Actu	nation Times	≤30ms	≤30ms
	Dro	pout Times	≤10ms	≤10ms
	Box	unce Times	≤5ms	≤5ms
		on Temperature	-40°C~85°C	
Operation		tion Humidity	5%-8	5%RH
Operation Conditions	Prote	ection Grade	II	267
Collultions	Dimen	sion (W*H*D)	113.6*64	.7*74.9mm
	Weight		850g	

