

# Battery Disconnect, 500A, 2 Pole



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Switches > Battery Disconnect Switches

Series 35 500A battery disconnecter with two poles, a lever-style activator, and rotary-style switch. Sealing meets the IP67 and IP6K9K standards.



Switch Main Contact Current Rating: **500 A**

Number of Poles: **2**

## KISSLING Battery Disconnecter

### Series 35 / 500A

Our manually operated battery disconnecter up to 500 amps meets the most demanding requirements in all vehicle applications. The nominal current ratings refer to continuous DC current at up to 100% duty cycle and the switches are built to switch under full load. All series 35 battery disconnecters are sealed with a technology that meets the IP67 and IP6K9K (steam cleaning) standards and the switches are designed to operate at temperatures between -40° C and +85°C.

### Key Features

- Sealed housing conforms to IP6K9K
- Robust design
- 6G shock and 4G vibration resistant
- Main contact current rated for continuous current and 100% duty cycle
- Battery disconnect under load in case of an emergency
- Variable or scalable mounting options
- Safety in the vehicle service by so called "LOCK" options

## Features

### Product Type Features

Sealed Device	Yes
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### Configuration Features

Number of Poles	2
Number of Auxiliary Contacts	0, 1, 2
Switch Keying Option	Not Removable, Removable With Chain, Removable Without Chain

### Electrical Characteristics

Operating Voltage (VAC)	20
Operating Voltage (VDC)	32, 45
Switch Main Contact Current Rating (A)	500

### Body Features

Operating Handle Color	Black, Blue, Red, Yellow
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### Mechanical Attachment

Termination Thread Size	D14.5, M10, M12, M8
Switch Mounting Option	Center Mount, Long Flange, Round Flange
Operating Handle Type	45° Turn Off, Double Wing, Lever, Lever Extended Shaft, Pointer Key, T-Handle

### Dimensions

Centerline Between Flange Screw Holes (mm)	100, 120
Centerline Between Flange Screw Holes (in)	3.937, 4.724
Screw Hole Diameter (mm)	6.5, 8.5
Screw Hole Diameter (in)	.256, .335

### Usage Conditions

Operating Temperature Range (°C)	-40 - 85
Operating Temperature Range (°F)	-40 - 185

### Reference Number

TE Internal Number	CAT-AL4-SBD355002
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SEE PRODUCTS ON NEXT PAGE

Products (1 of 5)



**Battery Disconnecter 35-523-141-R**

**Battery Disconnecter 35-524-131-R-900**

**Battery Disconnecter 35-524-231-GE-900**

**Battery Disconnect. 35-524-231-GE-A2-900**

TE Part #	K1145391	K1129101	K1137610	K1156021
Operating Voltage	32 VDC	32 VDC	32 VDC	32 VDC
Termination Thread Size	M10	M10	M12	M12
Number of Auxiliary Contacts	0	0	0	1
Switch Mounting Option	Center Mount	Long Flange	Long Flange	Long Flange
Operating Handle Type	Double Wing	T-Handle	T-Handle	T-Handle
Switch Keying Option	Not Removable	Not Removable	Not Removable	Not Removable
Operating Handle Color	Red	Red	Yellow	Yellow
EU RoHS Directive 2011/65 /EU	Not Yet Reviewed for EU RoHS	Not EU RoHS Compliant	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	EU ELV Compliant with Exemptions	Not Yet Reviewed for EU ELV	Not Yet Reviewed for EU ELV
Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35

**\*EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

**\*\*EU ELV Directive 2000/53/EC**

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Products (2 of 5)



**Battery Disconnecter 35-524-231-R-901**

**Battery Disconnecter 35-524-231-R-905**

**Battery Disconnecter 35-524-231-R-A-908**

**Batt Disconnecter 35-524-231-R-A2-900**

TE Part #	K1138174	K1152300	K1160527	K1125921
Operating Voltage	20 VAC	32 VDC	32 VDC	20 VAC
Termination Thread Size	M12	M12	M12	M12
Number of Auxiliary Contacts	0	0	2	1
Switch Mounting Option	Long Flange	Long Flange	Long Flange	Long Flange
Operating Handle Type	T-Handle	T-Handle	T-Handle	T-Handle
Switch Keying Option	Not Removable	Not Removable	Not Removable	Not Removable
Operating Handle Color	Red	Red	Red	Red
EU RoHS Directive 2011/65/EU	Not Yet Reviewed for EU RoHS	Not EU RoHS Compliant	EU RoHS Compliant with Exemptions	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed for EU ELV	Not EU ELV Compliant	EU ELV Compliant with Exemptions	EU ELV Compliant with Exemptions
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Series	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35

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Products (3 of 5)



Battery Disconnecter 35-524-231-R-A2-904



Battery Disconnecter 35-550



Battery Disconnecter 35-553



Battery Disconnecter 35-521-100-R

TE Part #	K1143645	K1060506	K1060657	K1127118
Operating Voltage	32 VDC	32 VDC	32 VDC	32 VDC
Termination Thread Size	M12	M12	M12	M10
Number of Auxiliary Contacts	1	0	0	0
Switch Mounting Option	Long Flange	Long Flange	Long Flange	Long Flange
Operating Handle Type	T-Handle	45° Turn Off	T-Handle	Lever
Switch Keying Option	Not Removable	Removable With Chain	Not Removable	Removable Without Chain
Operating Handle Color	Red	Black	Black	Red
EU RoHS Directive 2011/65/EU	Not Yet Reviewed for EU RoHS	Not EU RoHS Compliant	Not EU RoHS Compliant	EU RoHS Compliant with Exemptions
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Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35

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**Battery Disconnecter 35-521-100-R-A2**

**Battery Disconnecter 35-521-100-S-A2**

**Battery Disconnecter 35-521-130-R**

**Battery Disconnecter 35-521-140-R**

TE Part #	K1155284	K1134122	K1156022	K1158427
Operating Voltage	32 VDC	32 VDC	32 VDC	32 VDC
Termination Thread Size	M10	M10	M10	M10
Number of Auxiliary Contacts	1	1	0	0
Switch Mounting Option	Long Flange	Long Flange	Long Flange	Long Flange
Operating Handle Type	Lever	Lever	T-Handle	Double Wing
Switch Keying Option	Removable Without Chain	Removable Without Chain	Removable Without Chain	Removable Without Chain
Operating Handle Color	Red	Black	Red	Red
EU RoHS Directive 2011/65/EU	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS
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Products (5 of 5)



**Battery Disconnecter 35-521-220-S-A2**

**Battery Disconnecter 35-521-230-GE-900**

**Battery Disconnecter 35-523-241-R-A2-901**

**Battery Disconnecter 35-523-251-R**

TE Part #	K1154253	K1160405	K1166144	K1134298
Operating Voltage	32 VDC	32 VDC	32 VDC	32 VDC
Termination Thread Size	M12	M12	M12	M12
Number of Auxiliary Contacts	1	0	1	0
Switch Mounting Option	Long Flange	Long Flange	Center Mount	Center Mount
Operating Handle Type	45° Turn Off	T-Handle	Double Wing	Pointer Key
Switch Keying Option	Removable Without Chain	Removable Without Chain	Not Removable	Not Removable
Operating Handle Color	Black	Yellow	Red	Red
EU RoHS Directive 2011/65/EU	Not Yet Reviewed for EU RoHS	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions	Not Yet Reviewed for EU RoHS
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Product Families	KISSLING	KISSLING	KISSLING	KISSLING
Series	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35	KISSLING Series 35

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## Related Materials

[KISSLING BATTERY DISCONNECTOR - Series 35 / 500A](#)