

KISSLING BATTERY DISCONNECT SWITCHES

Seamlessly switching the power for safe maintenance

ROBUSTNESS IS IN OUR DNA

PRODUCT OVERVIEW

Complete with an IP67 and IP6K9K dust and water rating and operating temperature between -40°C to +85°C, our KISSLING battery disconnect switches are purpose-built for extreme applications. Featuring a robust design for an increased lifecycle, these switches can carry currents up to 1000 A, switch with load present (at low voltages or with blowout magnets at high voltages), and handle voltages of up to 1000 VDC @ 7000 m. When increased functionality is desired, available auxiliary contacts also simultaneously connect to lower-power systems via a sealed connector. A fixed upstream High Voltage Interlock (HVIL) function is included on specific HV models of our KISSLING battery disconnect switches to confirm complete integration with an HV wiring system.



MARKETS



Truck



Bus



Agriculture



Construction

APPLICATIONS

- Main power control
- Battery disconnect for service or maintenance
- Power down vehicle for storage
- Prevent theft or unintended use of vehicle

KEY BENEFITS

- Can be used in harsh environments thanks to a fully sealed and ruggedized design.
- Meet unique application design requirements with many different available configurations.
- Reduce need for part replacement with a product that is built to last.
- For an extra layer of safety, lockable options are available with a lockout-tagout (LOTO) feature.



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BATTERY DISCONNECT SWITCH SERIES COMPARISON

Series	Rated Voltage	Continuous Amp Rating	# of Poles	Mounting Options	Terminal Size	Min. Wire Size (mm ²)	Auxiliary Contacts Available	Lockout-Tagout (with type of switch required)
35	up to 100 VDC	200	1 or 2	Round flange, wide flange, central threaded	M8 or M10	70	No	Yes, wide flange (integrated) or round flange (mating tab required)
		300	1	Wide flange, central threaded	M10	95	Yes 50A, studs	Yes, wide flange (integrated)
		400	1	Wide flange, central threaded	M10 or M12	150	No	Yes, wide flange (integrated)
		500	1 or 2	Wide flange, central threaded	M10 or M12	250	Yes 2A or 5A, cable & connector	Yes, wide flange (integrated)
35H	1000 VDC	250	1	Round flange	M8	70	No	Yes, mating tab required
		400	1	Wide flange	M10	150	Yes HVIL	Yes, wide flange (integrated)
		500	1	Wide flange	M10	240	Yes HVIL	Yes, wide flange (integrated)

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