KISSLING BATTERY DISCONNECTOR

Series 35/200 A

Our manually operated battery disconnector meets the most demanding requirements in all vehicle applications. The nominal current ratings refer to continuous DC at up to 100% duty cycle and the switches are built to disconnect under full load. Our battery disconnectors can handle very high overloads, up to 5x the rated continuous current level for up to 10 seconds.

All series 35 battery disconnectors are sealed with a technology that meets the IP67 and IP6K9K (steam pressure cleaning) standards and the switches are designed to operate at temperatures between -40 °C and +85 °C.

Options include single- or dual-pole configurations, various mounting and locking (security) alternatives as well as different shapes and colours of the operating handles to serve your requirements.

Battery disconnectors from our KISSLING product family can be operated under full load to ensure a safe disconnection from the battery in emergency conditions. To provide fleet safety, the range also has optional protection against theft or unauthorized use of vehicles or equipment by removable or lockable operating elements, as well as lockout/tagout capable switches.

FEATURES

- Sealed housing meets IP67 and IP6K9K standards
- Robust design
- 6 G shock and 4 G vibration resistant
- Main contact current rated for continuous current and 100% duty cycle
- Battery disconnect under load in case of an emergency
- Variable mounting options
- Safety in vehicle service by lockable options (only two pole)

APPLICATION

- Truck
- Aircraft
- Railway
- Ground Support Vehicles
- Bus
- Construction and Agricultural Vehicles

SPECIFICATIONS

Technical Data	
Temperature Range	-40 °C to +85 °C
Protection	IP67/IEC 529
Vibration	4 G (50-2 000 Hz)
Shock	6 G, 11 msec
Thread Sizes/Torque	M8 = 12 - 13 Nm I M10 = 15 - 20 Nm

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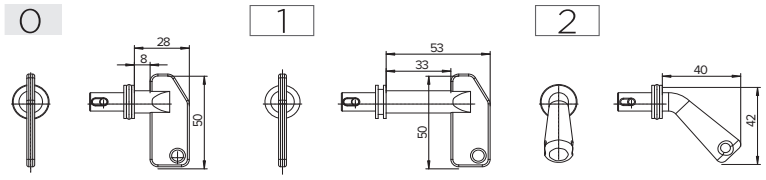
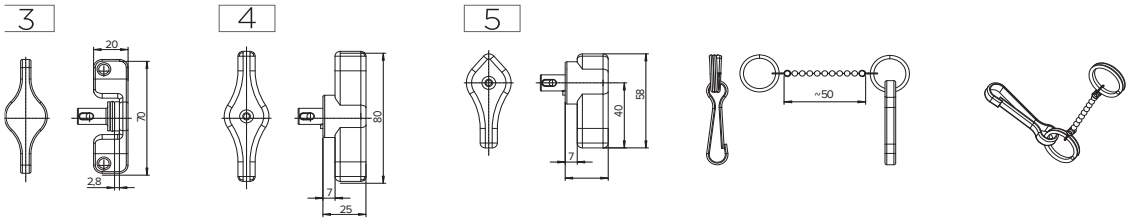
Electrical Data	
Mechanical Life	10 000 cycles (1-pole)/5 000 cycles (2-pole) * Mechanical long-life options are possible with custom configuration
Min. Insulation Resistance	100 mΩ
Dielectric Withstanding Voltage	1 050 V/1 min. at 50 Hz
Max. Contact Drop Max. Load	150 mV
Voltage range	Up to 32 VDC nominal (optional up to 80 VDC)
Duty Rating Continuous	200 A @ 70 mm ^{2}/300 A @ 95mm ^{2}
Overload	500 A - 180 sec./1 000 A - 30 sec. Overload only possible with contacts already closed Do not actuate switch under overload conditions
Wire Section	Min. 70 mm^2/min 95 mm ^{2}
Mounting Position	Any orientation
Switching Capability	Only possible up to continuous duty rating

AVAILABLE KEYS



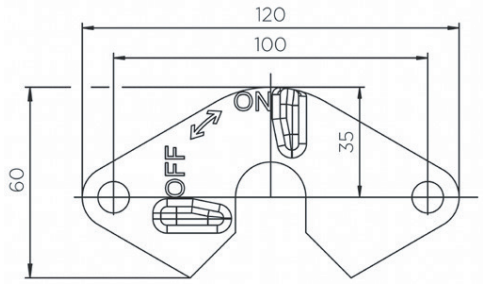
Key Options	
0	Standard
1	Standard long
2	45° turn off
3	T-handle
4	Double wing
5	Pointer key



Key With Chain	
6	Standard
7	Standard long
8	45° turn off
9	T-handle

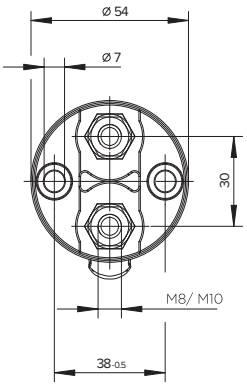
KEY HOLDER

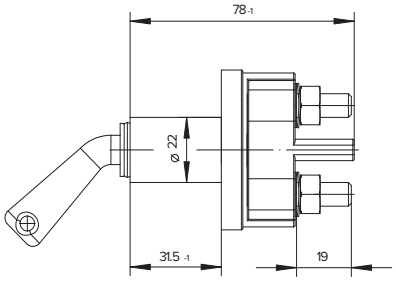
Not for switches with central mounting/option available for 2-pole version

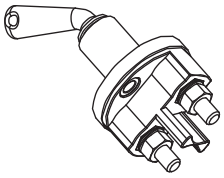


TECHNICAL DRAWINGS

1-Pole with Standard Mounitng

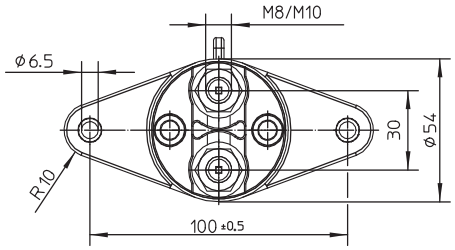


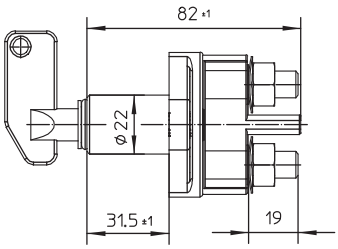


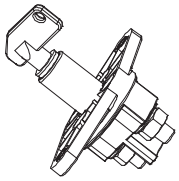


Circuit

1-Pole with Long Flange

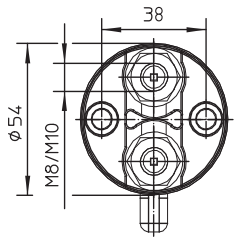


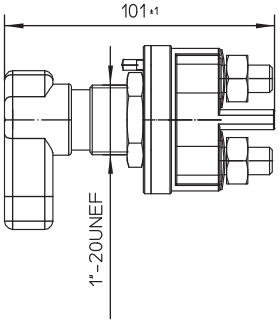


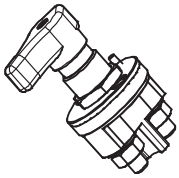


Circuit

1-Pole with Central Mounting

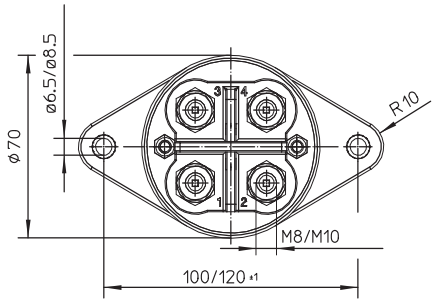


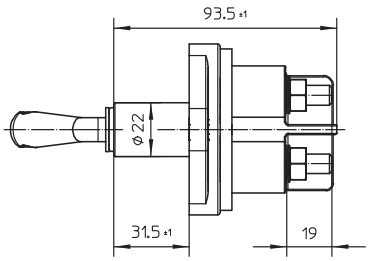


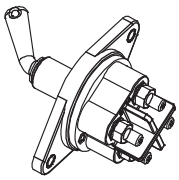


Circuit

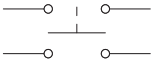
2-Pole with Long Flange







Circuit



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Series 35/200 A

ORDERING INFORMATION

Part Number
Example: 35-210-000-R
35-___-___-_

If the PN has a “-9xx” added at the end, it indicates some form of customisation to the basic PN.

Current

2	Current 200 A

No. Poles

1	1 Pole
2	2 Poles

Mounting 1-Pole

0	Standard mounting

Mounting 2-Poles

1	Long Flange 100/Ø 6.5
2	Long Flange 120/Ø 6.5
3	Central Mounting
4	Long Flange 100/Ø 8.5
5	Long Flange 120/Ø 8.5

Mounting options 1, 3, and 4 also available for 1-pole version

Key Colours

R	Red
S	Black
GN	Green
GE	Yellow

Key Type

0	Removable
1	Not Removable

Key Options

X	See Overview Page 2

Thread

0	M8
1	M10

ELECTRICAL HARNESSING & COMPONENTS

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