



KISSLING BATTERY DISCONNECTOR

Series 35 / 200 A

Our manually operated battery disconnecter 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. Our battery disconnectors can handle very high overloads, including 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 colors of the operating handles to serve your requirements.

Battery disconnectors from our KISSLING product family are able to 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
- Robust design
- 6G shock and 4G vibration resistant
- Main contact current rated for continuous current and 100% duty cycle
- Battery disconnection under load in case of an emergency
- Variable mounting options
- Safety in vehicle service by lockable options (only two pole)

APPLICATIONS

- Truck
- Bus
- Ground support vehicles
- Construction and agricultural vehicles
- Railway
- Aircraft

KISSLING BATTERY DISCONNECTOR

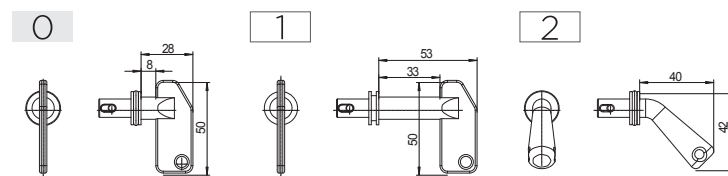
Series 35 / 200 A

SPECIFICATION

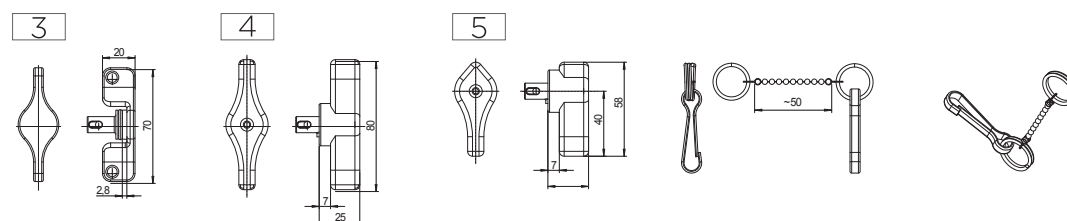
Technical Data	
Temperature range	-40°C to +85°C
Protection	IP67 / IEC 529
Vibration	4G (50-2000 Hz)
Shock	6G, 11 msec
Thread sizes / Torque	M8 = 12 - 13 Nm M10 = 15 - 20 Nm

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	1050 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 / 1000 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



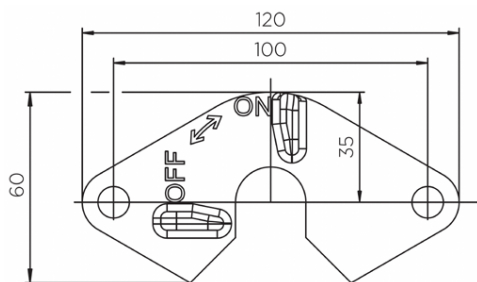
Key with chain	
6	Standard
7	Standard long
8	45° turn off
9	T-handle

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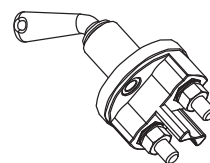
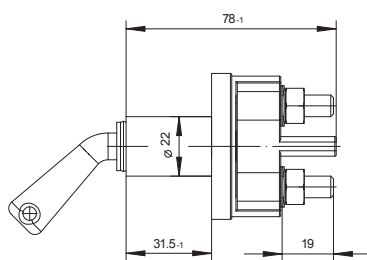
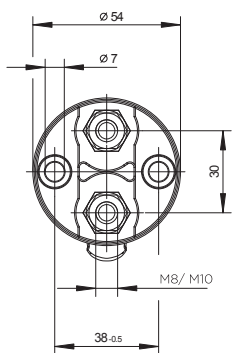
KEYHOLDER

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

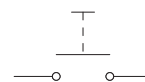


TECHNICAL DRAWINGS

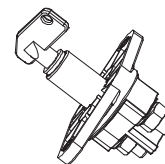
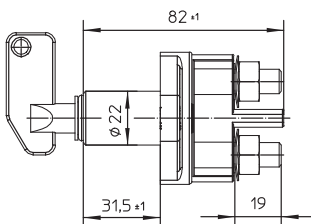
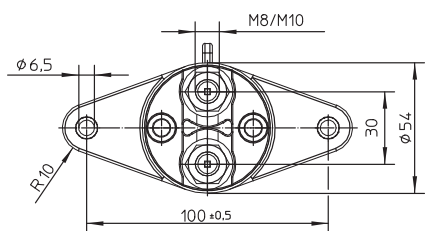
1-pole standard mounting



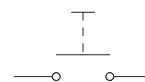
Circuit



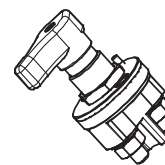
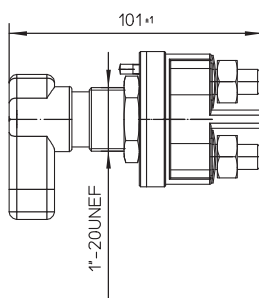
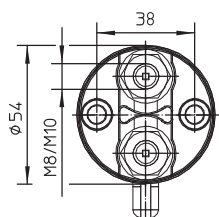
1-pole with longflange



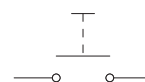
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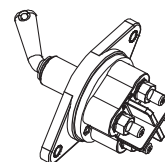
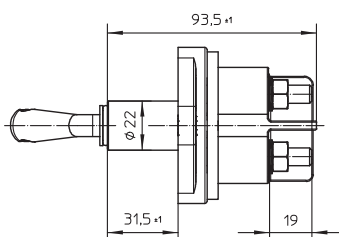
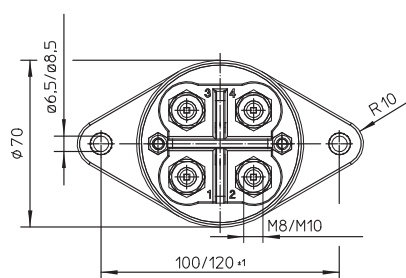
1-pole with central mounting



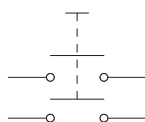
Circuit



2-poles with longflange



Circuit



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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 customization to the basic PN.

Current

2	Current 200 A
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No. Poles

1	1-pole
2	2-poles

Mounting 1-pole

0	Standard mounting
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Mounting 2-poles

1	Longflange 100 / Ø 6,5
2	Longflange 120 / Ø 6,5
3	Central mounting
4	Longflange 100 / Ø 8,5
5	Longflange 120 / Ø 8,5

Mounting option 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
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Thread

0	M8
1	M10

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