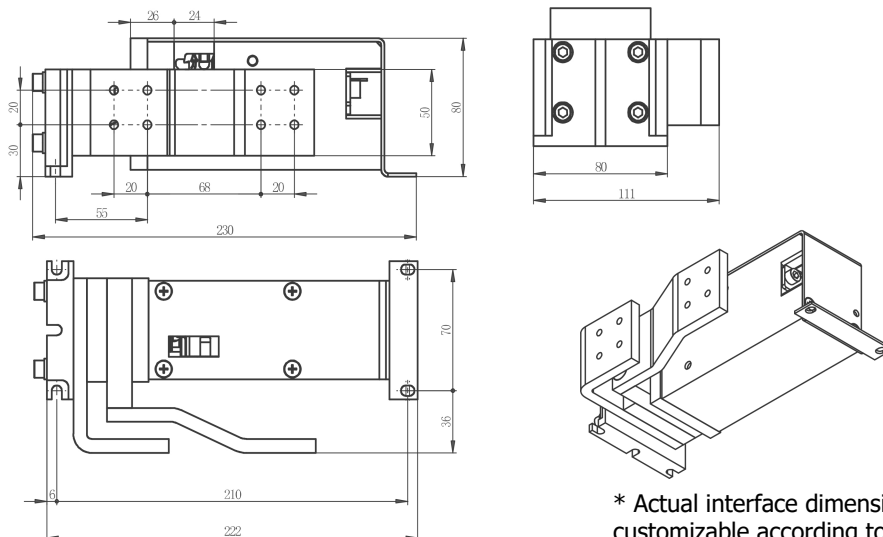# Sieyuan

AC Bypass Switch
QBS Series

This QBS Series Bypass Switch is suitable for the submodule of the SVG/High Voltage Inverter power unit, with a redundant design. when an IGBT in a sub-module fails, the bypass switch can be quickly activated to bypass the fault, ensuring the normal operation of the product.
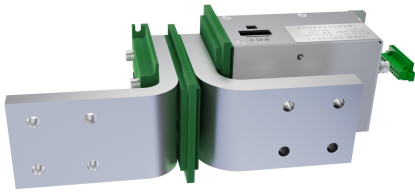
Performance Parameters

S/N	Item	Unit	Parameter Value
1	Rated operating voltage Ue	V	1700
2	1min power frequency withstand voltage Ud	kV	4
3	Rated operating current Ie	A	520、908、1250
4	Operating ambient temperature	°C	-5~+50
5	Altitude conditions	m	≤2000
6	Mechanical durability	Cycles	1000
7	Storage temperature	°C	-40～+70
8	Transportation temperature	°C	-40～+70
9	Atmospheric pressure	kPa	70～106
10	Closing time (including bounce)	ms	≤10
11	Feedback time of closing state (including bounce)	ms	≤10
12	Seismic intensity	Magnitude	≤8

Dimensions

* Actual interface dimensions are customizable according to customer requirements.
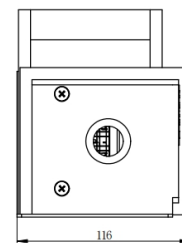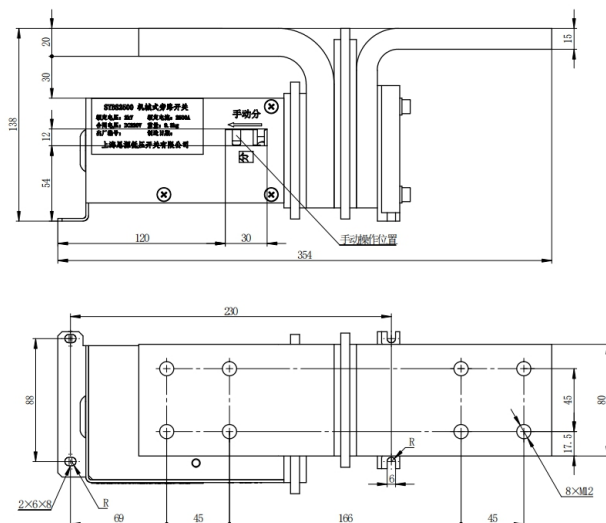
Sieyuan

AC Bypass Switch
QBS Series

This QBS Series Bypass Switch is suitable for the submodule of the SVG/High Voltage Inverter power unit, with a redundant design. when an IGBT in a sub-module fails, the bypass switch can be quickly activated to bypass the fault, ensuring the normal operation of the product.

Performance Parameters

S/N	Item	Unit	Parameter Value
1	Rated operating voltage Ue	V	2000
2	1min power frequency withstand voltage Ud	kV	6
3	Rated operating current Ie	A	2500
4	Operating ambient temperature	°C	-5~+50
5	Altitude conditions	m	≤2000
6	Mechanical durability	Cycles	1000
7	Storage temperature	°C	-40～+70
8	Transportation temperature	°C	-40～+70
9	Atmospheric pressure	kPa	70～106
10	Closing time (including bounce)	ms	≤10
11	Feedback time of closing state (including bounce)	ms	≤10
12	Seismic intensity	Magnitude	≤8

Dimensions

* Actual interface dimensions are customizable according to customer requirements.