

JBB 7055

Intrinsically safe dual barriers (dual channel)
for variable or bipolar signals in grounded circuits.

INTRINSICALLY
SAFE
SECURITY SYSTEMS



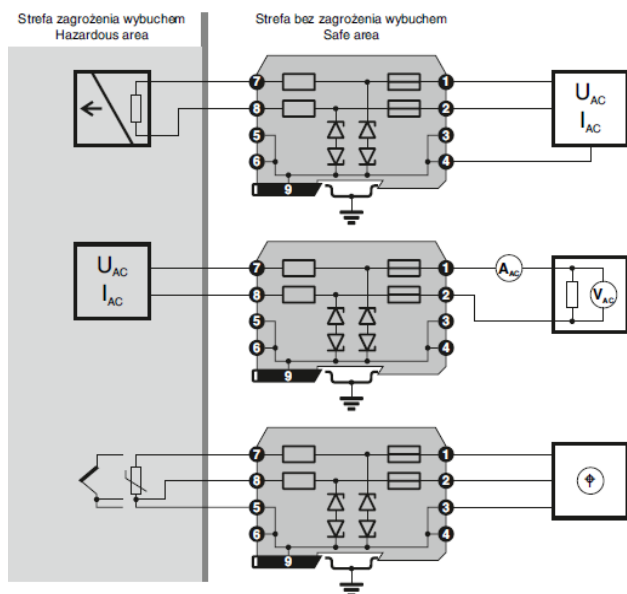
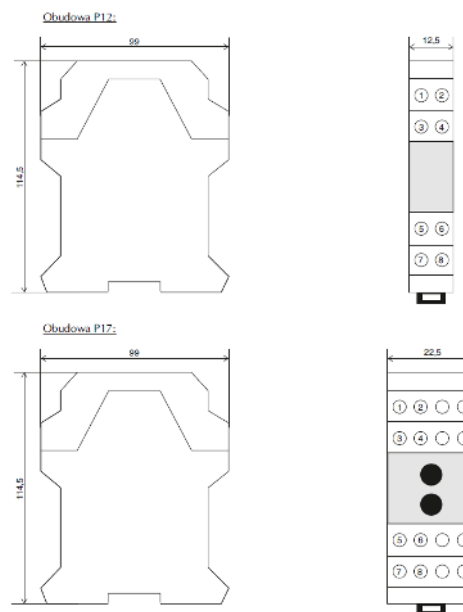
DESCRIPTION:

JBB 705x Intrinsically safe barrier (Zener Barrier) for variable or bipolar signals, P12 housing.

Simple AC, low level.

JBB 715x Intrinsically safe barrier (Zener Barrier) for variable or bipolar signals from possibility of replacing the fuse, P17 housing.

Simple AC, low level. Replaceable fuse.



CONNECT:

JBB 705x, JBB 715x

- 1.....+ in/out 1
- 2.....+ in/out 2
- 7.....+ in/out 1 Ex
- 8.....+ in/out 2 Ex
- 3, 4, 5, 6, 9 GND

• **Analog output to the explosion hazard zone:** apply to control or power supply variable electrical circuits in the danger explosion hazard zone e.g.: audio-video signals, frequency or phase control, bipolar one-way control servo motors, etc.

• **Analog input from the explosion hazard zone:** applicable to variable transmissions electrical signals from the explosion hazard zone e.g.: audio-video signals, data transmission, output from vibration sensors, from devices security measures, etc.

• **Three-wire output resistive to the explosion hazard zone:** applicable to three-wire measurement resistance from the explosion hazard zone e.g.: temperature sensors, sensors positions, potentiometers, etc.

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TECHNICAL PARAMETERS:

Type	Group	U ₀ [V]	I ₀ [mA]	R ₀ [Ω]	L ₀ [mH]	C ₀ [μF]
JBB (MM) 7058	6	14	46	304	See below – items 5, 6, 7 in accordance with the Group	
JBB (MM) 7158	6	14	46	304		
JBB (MM) 7057	7	7,9	74	106		
JBB (MM) 7157	7	7,9	74	106		
JBB (MM) 7055	5	3	298	10,1		
JBB (MM) 7155	5	3	298	10,1		

COMMENTS:

U₀, I₀, R₀ - safety parameters;

All barriers are equipped with internal inaccessible fuse.

The 715x series additionally includes internal replaceable fuse with lower nominal value.

WARNING:

Please check compatibility safety parameters connected devices!
Make sure that the system of equipment used is intrinsically safe!
In the case of unclear please contact support MM Group, s.r.o.!