



ACTUATOR

VAJ ELECTRIC ACTUATORS



FEATURES / CHARACTERISTICS

Maple VAJ3F 500N/1000N/1500N Series

Supply voltage	: 24V AC/220V AC
Control Type	: 3-point Floating/Percentage Control
Input signal	: 0(2)-10VDC or (0)4-20mA (VAJ3F11) 3 Point(VAJ3F41/VAJ3F42)
Output signal	: 0(2)-10VDC or (0)4-20mA (VAJ3F11)
Actuating force	: 500N/1000N/1500N
Max. Stroke	: 22mm
Operating Speed	: 3.9s/mm(50Hz)
Motor	: AC permanent magnetic Synchronous (Class B)
Power consumption	: 5.5 VA/6.7 VA
Ambient temperature	: 0°C to +50°C / +32°F to +122°F
Media temperature	: 0°C to +120°C / +32°F to +248°F
Humidity rating	: 5~95% rH, no condensation
Protection	: IP54
Bracket	: Die-Casting Aluminum Alloy
Material Top Cover	: ABS

MODEL LIST

FORCE	TYPE	POWER	INPUT/OUTPUT	SPEED(50HZ)
500N	VAJ3F11.SA05	AC24V/6.7VA	0(2)...10V or 4(0)...20mA	3.9 s/mm
500N	VAJ3F41.SA05	AC24V/5.5VA	3- Point	3.9 s/mm
500N	VAJ3F42.SA05	AC220V/5.5VA	3- Point	3.9 s/mm
1000N	VAJ3F11.SA10	AC24V/6.7VA	0(2)...10V or 4(0)...20mA	3.9 s/mm
1000N	VAJ3F41.SA10	AC24V/5.5VA	3- Point	3.9 s/mm
1000N	VAJ3F42.SA10	AC220V/5.5VA	3- Point	3.9 s/mm
1500N	VAJ3F11.SD15	AC24V/6.7VA	0(2)...10V or 4(0)...20mA	3.9 s/mm
1500N	VAJ3F41.SD15	AC24V/5.5VA	3- Point	3.9 s/mm
1500N	VAJ3F42.SD15	AC220V/5.5VA	3- Point	3.9 s/mm

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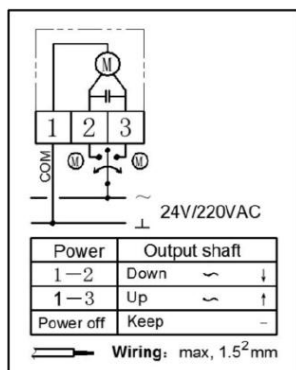
Maple VAJ4B 1800N/3000N Series

Supply voltage	: 24V AC/220V AC
Control Type	: 3-point Floating/Percentage Control
Input signal	: 0(2)-10VDC or 0(4)-20mA (VAJ4B11/ VAJ4B12) 3 Point(VAJ4B01/VAJ4B02)
Output signal	: 0(2)-10VDC or 0(4)-20mA (VAJ4B11/ VAJ4B12)
Actuating force	: 1800N/3000N
Max. Stroke	: 25mm(1800N,50mm Option)/50mm(3000N)
Operating Speed	: 3.1s/mm(50Hz)
Motor	: AC permanent magnetic Synchronous (Class B)
Power consumption	: 16 VA/18 VA
Ambient temperature	: 0°C to +50°C / +32°F to +122°F
Media temperature	: 0°C to +120°C / +32°F to +248°F
Humidity rating	: 5~95% rH, no condensation
Protection	: IP54
Bracket	: Die-Casting Aluminum Alloy
Material Top Cover	: ABS

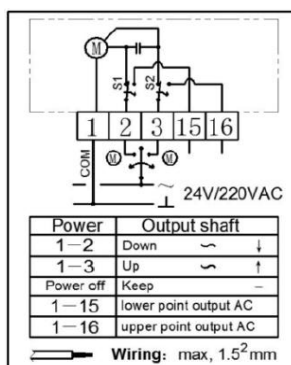
MODEL LIST

FORCE	TYPE	POWER	INPUT/OUTPUT	SPEED(50HZ)
1800N	VAJ4B11.S018	AC24V/18VA	0(2)...10V or 4(0)...20mA	3.1 s/mm
1800N	VAJ4B01.S018	AC24V/16VA	3- Point	3.1 s/mm
1800N	VAJ4B12.S018	AC220V/18VA	0(2)...10V or 4(0)...20mA	3.1 s/mm
1800N	VAJ4B02.S018	AC220V/16VA	3- Point	3.1 s/mm
3000N	VAJ4B11.S030	AC24V/18VA	0(2)...10V or 4(0)...20mA	3.1 s/mm
3000N	VAJ4B01.S030	AC24V/16VA	3- Point	3.1 s/mm
3000N	VAJ4B12.S030	AC220V/18VA	0(2)...10V or 4(0)...20mA	3.1 s/mm
3000N	VAJ4B02.S030	AC220V/16VA	3- Point	3.1 s/mm

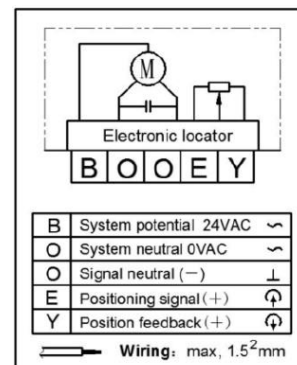
ELECTRICAL WIRING



Suitable for
VAJ3F01.SA...
VAJ3F02.SA...
VAJ3F01.SD...
VAJ3F02.SD...



Suitable for
VAJ4B01.S0...
VAJ4B02.S0...



Suitable for
VAJ3F11.SA...
VAJ3F11.SD...
VAJ4B11.S0...