Animeo IB+

4 AC Motor Controller

220-230 V AC WM-P2

Motor controller for roller shutters, screens, exterior Venetian blinds and windows to individually control four 230 V AC motors.

Available in wall-mounted version and designed for Wago Winsta® plug connectors.

Product Features

- The use of plug connectors enables time savings and less wiring errors.
- Flexible installation options: on DIN rail or with screws.
- Via local standard switches users can control the solar shading to the desired position and overwrite automatic operation.
- Each motor output can be controlled individually using individual switches.
- By plugging the RTS receiver (ref. 1860105) into the motor controller at any time, the RTS range of user interfaces can be used.

Ref. 1860293
Characteristics

4 AC Motor Controller 220-230 V AC WM-P2 Ref. 1860293

Supply voltage 220-230 V AC / 50/60 Hz
Stand-by current (IEC 62301) 6 mA @ 230 V AC
Stand-by power (IEC 62301) < 0.5 W @ 230 V AC
Max. motor current consumption 4 x 3.0 A, cos ϕ = 0.95
Supply voltage of group control input SELV, 16 V DC =
Supply voltage of local push buttons SELV, 16 V DC =
Fuse for all outputs 4 x F 3.15 AH
Terminals Wago connectors
Running time per output (relay contact) Max. 5 minutes
Operating temperature 0 °C to 45 °C
Relative humidity 85 %
Material of housing PC-ABS
Housing dimensions (w x h x d) 220 x 255 x 63 mm
Degree of protection IP 20
Protection class I (looped through PE connection – depending on the installation)
Conformity www.somfy.com/ce

Wiring

<table>
<thead>
<tr>
<th>Connection</th>
<th>Cables</th>
<th>Twisted pairs</th>
<th>Max. distance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motors</td>
<td>Min.: 4 x 0.75 mm²/19 AWG Max.: 3 x 2.5 mm²/13 AWG</td>
<td>-</td>
<td>150 m</td>
</tr>
<tr>
<td>Switches</td>
<td>Min.: 3 x 0.6 mm²/22 AWG Max.: 3 x 2.5 mm²/14 AWG</td>
<td>Recommended</td>
<td>100 m</td>
</tr>
<tr>
<td>Group Control</td>
<td>Min.: 3 x 0.6 mm²/22 AWG Max.: 3 x 1.5 mm²/16 AWG</td>
<td>Recommended</td>
<td>50 m</td>
</tr>
<tr>
<td>IB+ cable</td>
<td>Min.: 4 x 0.6 mm²/19 AWG Max.: 4 x 1.5 mm²/16 AWG</td>
<td>Recommended</td>
<td>1000 m</td>
</tr>
<tr>
<td>220-230 V AC</td>
<td>Min.: 3 x 1.5 mm²/16 AWG Max.: 3 x 2.5 mm²/14 AWG</td>
<td>-</td>
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</tr>
</tbody>
</table>

Classification

The Motor Controller is an electronic operating control, electrically operated and independently mounted.

- Class A control function
- Type 1 action
- Pollution degree: 2
- Rated impulse voltage: 2.5 kV
- Temperature of the ball hardness test: 75 °C
- Type X attachment
- Method of connection for screwless terminals: screwless spring terminal
- EMC emission test: $U_{ac} = 230$ V AC $I_{sc} = 0.03$ A (EN 55022 Class B emission)

*Wago ref.*