



## MV8H 330-11Y-M20

- Continuous adjustment of lever position 360°
- Lever can be transposed by 180°
- Metal enclosure
- Long life
- 40 mm x 76 mm x 40 mm ( basic component)
- Suitable for low actuating speeds
- 1 Cable entry M 20 x 1.5
- free of silicon
- proved in power station applications
- Actuator head can be repositioned in steps 4 x 90°

## Data

### Ordering data

|                               |               |
|-------------------------------|---------------|
| EAN (European Article Number) | 4030661218847 |
| eCl@ss number, Version 9.0    | 27-27-06-01   |
| eCl@ss number, Version 11.0   | 27-27-06-01   |
| ETIM number, version 6.0      | EC000030      |
| ETIM number, version 7.0      | EC000030      |

### Approval - Standards

|              |       |
|--------------|-------|
| Certificates | cULus |
|              | CCC   |
|              | EAC   |

### General data

|           |              |
|-----------|--------------|
| Standards | EN 60947-5-1 |
|-----------|--------------|

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Active principle                     | mechanical                        |
| Slide form                           | Castor                            |
| Enclosure material                   | Light-alloy diecast, paint finish |
| Enclosure coating material           | painted                           |
| Material of the contacts, electrical | Silver                            |
| Roller material                      | Plastic                           |
| Gross weight                         | 277 g                             |

### General data - Features

|                    |   |
|--------------------|---|
| Number of openers  | 1 |
| Number of shutters | 1 |

### Safety appraisal - Safety outputs

|                                   |                       |
|-----------------------------------|-----------------------|
| B10d Normally-closed contact (NC) | 20,000,000 Operations |
|-----------------------------------|-----------------------|

### Mechanical data

|                                     |                       |
|-------------------------------------|-----------------------|
| Actuating element                   | Roller lever          |
| Mechanical life, minimum            | 30,000,000 Operations |
| Contact opening                     | 2 x 0.5 mm            |
| Actuating speed, minimum            | 1 mm/min              |
| Actuating torque                    | 0.5 Nm                |
| Repeat accuracy of switching points | 0.02                  |

### Mechanical data - Connection technique

|                        |   |
|------------------------|---|
| Terminal Connector     | Screw connection  |
| Cable section, minimum | 1.5 mm <sup>2</sup>   |
| Cable section, maximum | 2.5 mm <sup>2</sup>   |
| Note (Cable section)   | All indications about the cable section are including the conductor ferrules. |

Wire cross-section

13 AWG

### Mechanical data - Dimensions

|                    |          |
|--------------------|----------|
| Length of sensor   | 40 mm    |
| Width of sensor    | 40 mm    |
| Height of sensor   | 129.5 mm |
| Width of Castor    | 8.5 mm   |
| Diameter of Castor | 20 mm    |

### Ambient conditions

|                              |                  |
|------------------------------|------------------|
| Degree of protection         | IP65 to EN 60529 |
| Ambient temperature, minimum | -30 °C           |
| Ambient temperature, maximum | +90 °C           |
| Resistance to shock          | 50 g / 6 ms      |

### Ambient conditions - Insulation value

|   |       |
|---|-------|
| Rated insulation voltage $U_i$            | 250 V |
| Rated impulse withstand voltage $U_{imp}$ | 4 kV  |

### Electrical data

|                            |  |
|----------------------------|--|
| Thermal test current       | 6 A                                    |
| Utilisation category AC-15 | 230 VAC                                |
| Utilisation category AC-15 | 2.5 A                                  |
| Switching element          | NO contact, NC contact                 |
| Note (Switching element)   | galvanically separated contact bridges |
| Switching principle        | Snap switch element                    |
| Bounce duration, maximum   | 43,221 ms                              |
| Switchover time, maximum   | 10 ms                                  |

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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