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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Setpoint adjuster - EMG 30-SPK-10K LIN - 2942137

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Cascading setpoint value potentiometer, for selecting presettable setpoints via a 24 V control signal, resistance value 10 k $\Omega$

The illustration shows version EMG 30-SPK- 1K LIN



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 PCE   |
| GTIN                                 | <br>4 017918 080624 |
| Weight per Piece (excluding packing) | 70.13 GRM   |
| Custom tariff number                 | 85334010  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|        |       |
|--------|-------|
| Width  | 30 mm |
| Height | 75 mm |
| Depth  | 68 mm |

#### Ambient conditions

|                                 |                |
|---------------------------------|----------------|
| Ambient temperature (operation) | 0 °C ... 40 °C |
|---------------------------------|----------------|

#### Input data

|  |                |
|--|----------------|
| Potentiometer                            | 10 k $\Omega$  |
| Resistance tolerance                     | $\pm 20$ %     |
| Potentiometer, current-carrying capacity | 0.5 W          |
| Nominal input voltage $U_N$              | 24 V $\pm$ 25% |

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## Technical data

### Input data

|                              |  |
|------------------------------|--|
| Input current                | 20 mA                                    |
| Typical response time        | < 10 ms                                  |
| Typical release time         | < 10 ms                                  |
| Protective circuit/component | Damping diode, polarity protection diode |
| Operating voltage display    | Yes                                      |

### Output data

|                           |  |
|---------------------------|--|
| Contact material          | Fixed contacts: Silver palladium (AgPdAu), 3 µm hard gold-plated |
|                           | Mobile contacts: Silver palladium (AgPd)                         |
| Maximum switching voltage | 10 V (depending on application)                                  |
| Mechanical service life   | > 2 x 10 <sup>7</sup> cycles                                     |

### Connection data

|  |                     |
|--|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |
| Stripping length                       | 8 mm                |
| Screw thread                           | M3                  |
| Connection method                      | Screw connection    |

### General

|  |                                     |
|--|-------------------------------------|
| Test voltage relay winding/relay contact | 1 kV AC                             |
| Mounting position                        | any                                 |
| Housing material                         | Polycarbonate fiber reinforced PC-F |
| Color                                    | green                               |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27200303 |
| eCl@ss 4.1 | 27200303 |
| eCl@ss 5.0 | 27200303 |
| eCl@ss 5.1 | 27200303 |
| eCl@ss 6.0 | 27200303 |
| eCl@ss 7.0 | 27142316 |
| eCl@ss 8.0 | 27142316 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001440 |
| ETIM 3.0 | EC001440 |
| ETIM 4.0 | EC001440 |
| ETIM 5.0 | EC001440 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211506 |
| UNSPSC 7.0901 | 39121008 |
| UNSPSC 11     | 39121008 |
| UNSPSC 12.01  | 39121008 |
| UNSPSC 13.2   | 39121008 |

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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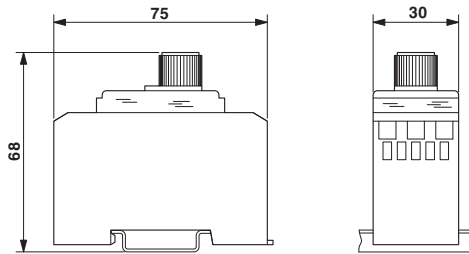
### Approval details

|  |
|--|
| GOST  |
|--|

## Drawings

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Dimensioned drawing



Block diagram

