



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



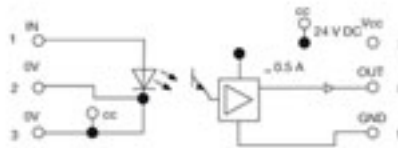
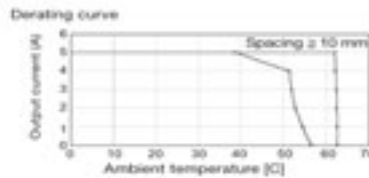
## Contact us

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





#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 8275220000   |
| Part designation | WOS2 230VUC  |
| Version          | WAVE-Series, Solid-state relay, 19.2 V DC ... 24 V DC ... 28.8 V DC, 5 A, Screw connection |
| EAN              | 4032248025565  |
| Qty.             | 1 pc(s).   |

#### Dimensions

|                      |                     |
|----------------------|---------------------|
| Clamping range, nom. | 1.5 mm <sup>2</sup> |
| Clamping range, min. | 0.5 mm <sup>2</sup> |
| Clamping range, max. | 2.5 mm <sup>2</sup> |

#### temperature

|                                   |                 |
|-----------------------------------|-----------------|
| Ambient temperature (operational) | -25 °C...+50 °C |
| Storage temperature               | -40 °C...+85 °C |

#### Approvals

|                      |                          |
|----------------------|--------------------------|
| Approvals institutes | CSA; CURUS; GOSTME25; CE |
|----------------------|--------------------------|

#### Control side

|                         |                         |
|-------------------------|-------------------------|
| Power rating            | 2.7 VA / 0.4 W          |
| Rated auxiliary voltage | No                      |
| Rated control voltage   | 230 V UC, max. 250 V UC |

#### General data

|                             |   |
|-----------------------------|---|
| Standards                   | EN 50178                                  |
| Humidity                    | 40°C / 93% rel. humidity, no condensation |
| Conductor connection system | Screw connection                          |
| DIN Rail compatibility      | TS 35                                     |

#### Insulation coordination (EN 50 178)

|  |          |
|--|----------|
| Clearance and creepage distances for control/load side | ≥ 5.5 mm |
| Overvoltage category                                   | III      |

#### Insulation coordination (EN 50 178)

|                                 |       |
|---------------------------------|-------|
| Pollution severity              | 2     |
| Rated impulse withstand voltage | 6 kV  |
| Rated voltage                   | 300 V |

#### Load side

|                            |                                       |
|----------------------------|---------------------------------------|
| Protective circuit         | Varistor, reverse polarity protection |
| Rated auxiliary voltage    | No                                    |
| Rated switching current    | 5 A                                   |
| Rated switching voltage    | 19.2 V DC ... 24 V DC ... 28.8 V DC   |
| Short-circuit-proof        | Yes/max. 96 h                         |
| Status indicator load side | LED green in output                   |
| Switch-off delay           | 30 ms                                 |
| Switch-on delay            | Approx. 15 ms                         |

#### Classifications

|            |             |
|------------|-------------|
| ETIM20     | EC001504    |
| ETIM30     | EC001504    |
| eClass 4.1 | 27-27-09-00 |
| eClass 5.0 | 27-27-09-90 |
| eClass 5.1 | 27-27-09-90 |
| eClass 6.0 | 27-27-09-90 |

#### Similar products

| Order No.  | Part designation | Version  |
|------------|------------------|--|
| 8275190000 | WOS2 24VUC       | WAVE-Series, Solid-state relay, 19.2 V DC ... 24 V DC ... 28.8 V DC, 5 A, Screw connection |
| 8296250000 | WOS2 115VUC      | WAVE-Series, Solid-state relay, 12 V DC ... 24 V DC ... 28 V DC, 5 A, Screw connection     |