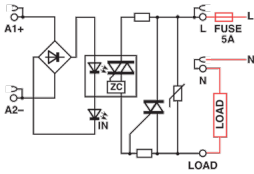
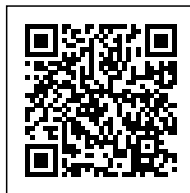


1 solid

state relay 12-24Vdc/230Vac 5A spring, not pluggable



|  |  |
|--|--|
| <b>Series</b>                                  | CKS  |
| <b>Code</b>                                    | XCKS024DC230AC05   |
| <b>Type</b>                                    | CKS-024DC/230AC/05   |
| <b>HS code</b>                                 | 85364900   |
| <b>INPUT TECHNICAL DATA</b>                    |  |
| <b>Input rated voltage</b>                     | 12-24 Vac/dc (range 9...30 Vac/dc)   |
| <b>Pull in / drop out voltage type</b>         | 8.5 V / 8 V  |
| <b>Current consumption</b>                     | 10 mA $\pm$ 10% at 24 Vdc  |
| <b>Turn ON / OFF time</b>                      | 1/2 cycle / 1/2 cycle  |
| <b>Frequency</b>                               | 100 Hz max   |
| <b>Protection circuit</b>                      | Free-wheel diode, Reverse polarity   |
| <b>Connection terminal</b>                     | 2.5 mm <sup>2</sup> (spring)   |
| <b>Input channels</b>                          | 1 not pluggable  |
| <b>OUTPUT TECHNICAL DATA</b>                   |  |
| <b>Contact type</b>                            | zero crossing triac  |
| <b>Output voltage</b>                          | 20...265 Vac   |
| <b>Nominal current</b>                         | 5 A (230 Vac) at 45°C  |
| <b>Continuous current</b>                      | 6 A (1)  |
| <b>Leakage current with signal 0</b>           | < 25 $\mu$ A at 24 Vdc   |
| <b>Min applicable load</b>                     | 10 mA / 24 Vac   |
| <b>Connection type</b>                         |  |
| <b>Protection circuit device</b>               | varistor (2)   |
| <b>GENERAL TECHNICAL DATA</b>                  |  |
| <b>Operating temperature range</b>             | -20 ...+45°C   |
| <b>Input / output isolation</b>                | 2.5 kVac / 60 s  |
| <b>Protection degree</b>                       | IP 00 / IP20 (3)   |
| <b>Overvoltage category / pollution degree</b> | II / 2   |
| <b>Status indication</b>                       | LED "Input"  |
| <b>Housing material</b>                        | UL94V-0 plastic material   |
| <b>Dimensions (LxHxD)</b>                      | 6x91x100 mm  |
| <b>Approximate weight</b>                      | 30 g   |
| <b>Mounting information</b>                    | on a rail, side by side  |
| <b>ACCESSORIES</b>                             |  |
| <b>Mounting rail (IEC60715/TH35-7.5)</b>       | PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB   |
| <b>Marking tag</b>                             | NU0851   |
| <b>End section</b>                             | XCKPT  |
| <b>Plugin jumper</b>                           | PTC/4/02 (2 poles); PTC/4/03 (3 poles); PTC/4/04 (4 poles); PTC/4/05 (5 poles); PTC/4/10 (10 poles); PTC/4/00 (42 poles) |
| <b>APPROVALS AND MARKINGS</b>                  | CE   |



\* Not-pluggable relay\* Output overvoltage protection\* Suitable for AC loads\* Compact dimension  
 1 Manufacturer and model of the components is not binding, technical data are to be considered typical  
 2 (1) The maximum current depend on the number of actived output and the ambient temperature  
 3 (2) An external protection fuse rated 5 A is required  
 4 (3) with the CK/PT end plate on the final module

## DESCRIZIONE DEL PRODOTTO

CKS-024DC/230AC/05 1 solid state relay 12-24Vdc/230Vac 5A spring, not pluggable