



Figure similar

power relay, AC-3, 8.4 A, 4 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NC, screw terminal

|   |  |
|---|--|
| <b>consumed active power</b>                                  | 4 W  |
| <b>reference code according to IEC 81346-2</b>                | K  |
| <b>Substance Prohibitance (Date)</b>                          | 07/01/2006                                     |
| <b>Net Weight</b>   | 0.16 kg  |
| ambient temperature during operation                          | -25 ... +55 °C                                 |
| <b>number of poles</b>  | 4  |
| <b>number of NO contacts for main contacts</b>                | 3  |
| <b>number of NC contacts for main contacts</b>                | 0  |
| <b>type of voltage</b>  | DC   |
| <b>operational current</b>                                    |  |
| • at AC-1 at 400 V rated value                                | 20 A   |
| • at AC-3 at 400 V rated value                                | 8.4 A  |
| • at AC-3e at 400 V rated value                               | 6.4 A  |
| <b>operating power</b>  |  |
| • at AC-3 at 400 V rated value                                | 4 kW   |
| • at AC-3e at 400 V rated value                               | 3 kW   |
| <b>control supply voltage at DC rated value</b>               | 24 V   |
| <b>number of NC contacts for auxiliary contacts</b>           | 1  |
| <b>number of NO contacts for auxiliary contacts</b>           | 0  |
| number of CO contacts for auxiliary contacts                  | 0  |
| fastening method side-by-side mounting                        | Yes  |
| <b>fastening method</b>                                       | screw and snap-on mounting onto 35 mm DIN rail |
| <b>height</b>   | 62 mm  |
| <b>width</b>  | 36 mm  |
| <b>depth</b>  | 60 mm  |
| <b>type of electrical connection</b>                          |  |
| • for main current circuit                                    | screw-type terminals                           |
| • for auxiliary and control circuit                           | screw-type terminals                           |
| <b>Safety related data</b>                                    |  |
| product function suitable for safety function                 | Yes  |
| <b>service life maximum</b>                                   | 20 a   |
| <b>proportion of dangerous failures</b>                       |  |
| • with low demand rate according to SN 31920                  | 40 %   |
| • with high demand rate according to SN 31920                 | 73 %   |
| <b>B10 value with high demand rate according to SN 31920</b>  | 400 000  |
| failure rate [FIT] with low demand rate according to SN 31920 | 100 1/s  |
| ISO 13849   |  |



