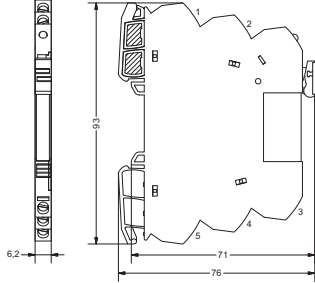


Interface Technology · LCIS Solid State Relay

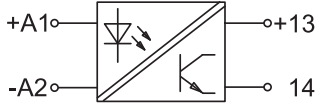
Solid state relay, 2-conductor technology, pluggable
Switching element DC 30 V / DC 2 A
Screw terminal / Push-In



Dimensions



PIN assignment



| Description | Part-No. | Type | PU | |
|---|--|---|-----------------------------|---|
| Screw terminal | | | | |
| Rated voltage U_N | AC 230 V | 763070.1020 A* | LCIS-SRS-AC/DC-2L-701020-S | 5 |
| Push-In | | | | |
| Rated voltage U_N | AC 230 V | 764070.1020 S* | LCIS-SRS-AC/DC-2L-701020-PI | 5 |
| Input | | | | |
| | 763070.1020 | 764070.1020 | | |
| Input voltage range | | AC 184 – 253 V | | |
| Rated current I_N | | AC 3,3 mA | | |
| Interrupting voltage | | <AC 80 V | | |
| Protection device | | Bridge rectifier | | |
| Status display input | | LED green | | |
| Rated frequency | | 50 – 60 Hz | | |
| Output | | | | |
| Switching element | | MosFet | | |
| Min. switching voltage | | DC 10 V | | |
| Max. switching voltage | | DC 30 V | | |
| Min. switching current | | DC 1 mA | | |
| Max. switching current | | DC 2A | | |
| Inrush current | | – | | |
| Leak current | | <DC 1 mA | | |
| Switch-on delay | | 6 ms (@DC) | | |
| Shutdown delay | | 15 ms (@DC) | | |
| Switching frequency | | 10 Hz | | |
| Clearance/creepage. dist. (control/load side) | | >5.5 mm | | |
| Protection device | | – | | |
| Short circuit | | – | | |
| General | | | | |
| Housing material | | PA 6.6 (UL 94 V-0) | | |
| Colour of the housing | | RAL 7012 basalt grey | | |
| Protection class | | IP20 | | |
| Mounting | | DIN rail mountable TS35 (EN 60715) | | |
| Installation position | | any | | |
| Insulation voltage input / output | | 2.5 kV _{eff} | | |
| Safe isolation | | no | | |
| Operation temperature range | | -20 °C ... +60 °C (40°C at block operation) | | |
| Storage temperature range | | -40 °C ... +70 °C | | |
| Dimensions (w × h × d) | | 6.2 × 93.0 × 76.0 mm | | |
| Weight | | 0.030 kg/piece | | |
| Connection device | Screw terminal single wire 0.25 mm ² –2.5 mm ² / AWG 20–14 fine stranded wire with ferrule 0.25 mm ² –1.5 mm ² / AWG 20–16 | Push-In single wire 0.25 mm ² –2.5 mm ² / AWG 20–14 fine stranded wire with ferrule 0.25 mm ² –1.5 mm ² / AWG 20–16 | | |
| Standards | | EN 60947-5-1 | | |
| Approvals | | cULus in preparation, DNV GL in preparation | | |