



EL2022 | 2-channel digital output terminal 24 V DC, 2 A

The EL2022 digital output terminal connects the binary control signals from the automation unit on to the actuators at the process level with electrical isolation. The EtherCAT Terminal offers short-circuit protection of the outputs and contains two channels that indicate their signal state by means of light emitting diodes.

| Technical data | EL2022 ES2022 |
|------------------------------------|--|
| Connection technology | 4-wire |
| Number of outputs | 2 |
| Rated load voltage | 24 V DC (-15 %/+20 %) |
| Load type | ohmic, inductive, lamp load |
| Distributed clocks | – |
| Max. output current | 2.0 A (short-circuit-proof) per channel |
| Short circuit current | typ. < 70 A |
| Reverse voltage protection | yes |
| Breaking energy | < 1.7 J/channel |
| Switching times | typ. T _{ON} : 40 µs, typ. T _{OFF} : 200 µs |
| Current consumption E-bus | typ. 100 mA |
| Electrical isolation | 500 V (E-bus/field potential) |
| Current consumption power contacts | typ. 9 mA + load |
| Bit width in the process image | 2 outputs |
| Configuration | no address or configuration setting |
| Weight | approx. 55 g |
| Operating/storage temperature | -25...+60 °C/-40...+85 °C |
| Relative humidity | 95 %, no condensation |
| Vibration/shock resistance | conforms to EN 60068-2-6/EN 60068-2-27 |
| EMC immunity/emission | conforms to EN 61000-6-2/EN 61000-6-4 |
| Protect. class/installation pos. | IP 20/variable |
| Pluggable wiring | for all ESxxxx terminals |
| Approvals | CE, UL, Ex |