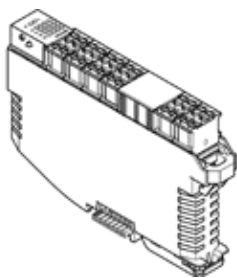


digital output module

CPX-E-8DO

Part number: 4080491

FESTO



Data sheet

| Feature | Value |
|--|--|
| Dimensions W x L x H | 18,9 mm x 76,6 mm x 124,3 mm |
| Grid dimension | 18.9 mm |
| Mounting type | with top-hat rail |
| Product weight | 93 g |
| Assembly position | Vertical Horizontal |
| Ambient temperature | -5 ... 50 °C |
| Note on ambient temperature | -5 - 60°C for vertical installation |
| Storage temperature | -20 ... 70 °C |
| Relative air humidity | 95 % non-condensing |
| Protection class | IP20 |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Vibration resistance | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27 |
| Protection against direct and indirect contact | Safety extra-low voltage with safe disconnection (PELV) |
| Max. line length | 30 m outputs |
| PWIS conformity | VDMA24364 zone III |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| KC mark | KC-EMV |
| Authorization | RCM Mark c UL us - Listed (OL) |
| Certificate issuing department | UL E239998 |
| Materials note | Conforms to RoHS |
| Material housing | PA |
| Material screws | Galvanized steel |
| Diagnostics via LED | Error per channel Error per module Status per channel |
| Diagnostics via bus | Module error Short circuit/overload at output Undervoltage in load supply |
| Maximum address volume for outputs | 1 Byte |
| No. of outputs | 8 |
| Module parameters | Diagnostics for undervoltage in load supply Behaviour after short circuit/overload Short circuit diagnostics at output |
| Channel parameters | Force channel x |
| Power supply, type of connection | Terminal strip |
| Power supply, connection technology | Cage clamp terminal |
| Power supply, number of pins/wires | 4 |

| Feature | Value |
|---|--|
| Nominal operating voltage, DC outputs | 24 V |
| Permissible voltage fluctuations, load | ± 25 % |
| Power supply, conductor diameter | 0.2 ... 1.5 mm ² |
| Power supply, note on conductor diameter | 0.2 - 2.5 mm ² for flexible conductors without wire end sleeves |
| Intrinsic current consumption at nominal operating voltage load | Typically 34 mA |
| Polarity protected | 24 V load against 0 V load |
| Electrical connection, output, function | Digitalausgang |
| Electrical connection, output, connection type | 4x terminal strips |
| Electrical connection, output, connection technology | Cage clamp terminal |
| Electrical connection, output, number of pins/wires | 4 |
| Electrical connection for output, conductor cross section | 0.2 ... 1.5 mm ² |
| Electrical connection for output, note on conductor cross section | 0.2 - 2.5 mm ² for flexible conductors without wire end sleeves |
| Characteristic curve, outputs | to IEC 61131-2, type 0.5 |
| Switching logic, outputs | PNP (positive-switching) |
| Behaviour after end of overload of the outputs | No automatic return (default) Parameterisable (module by module) |
| Max. residual current outputs per module | 4 A |
| Electrical isolation channel – channel | No |
| Electrical isolation channel – internal bus | Yes |
| Protection (short circuit) | Internal electronic fuse protection per channel |