

Forwarding supply CPX-AP-A-W-1-PP-5P

Part number: 8169617

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|----------------------------------|---|
| Dimensions (W x L x H) | (installation dimensions) 50.1 mm x 153 mm x 45.6 mm |
| Grid dimension | 50.1 mm |
| Type of mounting | On H-rail via accessories With through-hole for M5 screw with accessories With through-hole for M6 screw with accessories |
| Product weight | 182 g |
| Mounting position | Any, on H-rail: horizontal |
| Ambient temperature | -20 °C ... 50 °C |
| Note on ambient temperature | Observe ambient temperature derating according to IEC 61131-2:2017 |
| Storage temperature | -20 °C ... 70 °C |
| Relative air humidity | 5 - 95% Non-condensing |
| Nominal altitude of use | ≤ 2000 m ASL (≥ 79.5 kPa) |
| Max. installation height | 3500 m |
| Note on max. installation height | > 2000 m ASL (< 79.5 kPa) Observe ambient temperature derating according to IEC 61131-2:2017 |
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| Vibration resistance | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Note on vibration resistance | SG1 on H-rail SG2 on direct mounting Transport application test with severity class 1 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 |
| Note on shock resistance | 30 g/11 ms to EN 60068-2-27 SG1 on H-rail SG2 on direct mounting Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 |
| Protection class | III |
| Overvoltage category | II |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Fire test material | UL94 V-0 (housing) |
| Note on materials | RoHS-compliant Free of halogen Free of phosphoric acid ester |
| Material housing | PA-reinforced |
| Material flange | Die-cast zinc, nickel-plated |
| Material screws | Nickel-plated steel |
| Material seals | PU foam |

| Feature | Value |
|--|--|
| Power transmission, function | Outgoing electronics/sensors and load and functional earth |
| Power transmission, connection type | Plug |
| Power transmission, number of pins/wires | 5 |
| Note regarding operating voltage | SELV/PELV fixed power supplies required Note voltage drop |
| Note on nominal operating voltage DC | 2X24 V [XD2,PS,PL] Protected Extra-Low-Voltage to IEC 60204-1 |
| Nominal operating voltage DC of load | 24 V |
| Nominal DC operating voltage, electronics/sensors | 24 V |
| Nominal current | 10 A |
| Max. power supply | 2 x 10 A (external fuse required) |
| Potential separation between the supply voltages electronics/sensor technology and load/valves | Yes |