



Type

Order No.

FDCIO181-2

**FDCIO181-2 Input/Output Module**

S54322-F2-A1



- Microprocessor-controlled signal evaluation
- Automatic address setting, without encoder settings or DIP switch
- 2 monitored input, 2 monitored output
- LED display of input and output status
- Input lines monitored for open line or short circuit
- Prevention of noise interference via intelligent analysis of input signals
- Output lines monitored for open line or short/open circuit (when potential output not activated)
- Output monitoring configurable(on/off)
- Control output for equipment 24 VDC, max. 2 A
- Power supply via FD18-BUS
- Communication with controller via FD18-BUS(detector line)
- Directly used in dry areas. Applicable in dusty and humid areas when installed in FDCH221 housing
- "Sticker Method" for ease of commissioning

Operating voltage	12 ... 32 VDC
Operating current (quiescent)	0.56 mA
Activation current	0.85 mA
Output	
- Capacity	2 A @ 24 VDC
- Resistor	3.3k Ω
- Diode	1N5404
Input	
- Resistor	3.3k Ω / 680 Ω
Operating temperature	0 ... +42 °C
Storage temperature	-20 ... +75 °C
Humidity	≤95 % rel.
Communication protocol	FD18-BUS
Connection terminals	1.0 ... 1.5 mm <sup>2</sup>
Colour	
- Housing	white, RAL 9010
- Cover	transparent
Protection category EN60529 / IEC529/GB4208-93	IP65
With FDCH221 housing	
Datasheet	A6V10214492