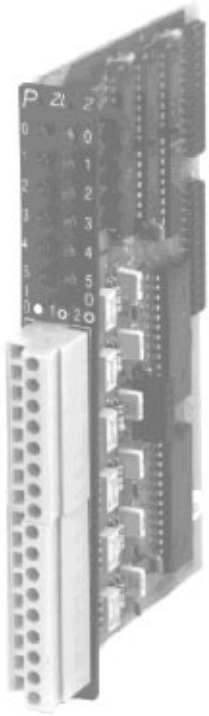


A4

COUNTING AND POSITIONING MODULES, PZL2 - COUNTER MODULE (EVENT COUNTING)

PLC SYSTEMS
MINICONTROL COMPONENTS



PZL2

- Counter Module for Event Counting
- All Counter Channels are Galvanically Isolated
- Counting Frequency Max. 20 kHz
- Signal Voltage 24 V
- 6 Binary Decremental Counters
- 16 Bit Counter Depth

See section A8 "Positioning" as well

TECHNICAL DATA

PZL2	
Number of Counters	6
Galvanic Isolation	
Channel - PLC	YES
Channel - Channel	YES
Input Voltage	
Nominal	24 V
Maximum	30 V
Input Current	ca. 10 mA
Switching Threshold	
log. 0 → log. 1	Max. 12.5 V
log. 1 → log 0	Min. 6.5 V
Input Frequency	Max. 20 kHz
Counting Depth	16 Bit Binary
Documentation	Hardware Manual MINICONTROL
German	MAHWMINI-0
English	MAHWMINI-E
French	MAHWMINI-F

SLOTS

		0	1	2	3	4	5
PZL2	Base Unit C (CP32)	●	●				

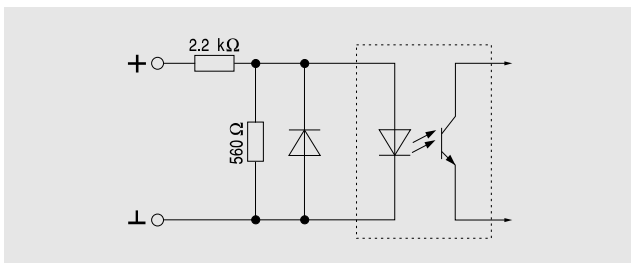
ORDER DATA

MCPZL2-0	Counter Module for Event Counting, 6 binary 16 bit counters, input frequency max. 20 kHz, signal voltage 24 V, all channels are galvanically isolated
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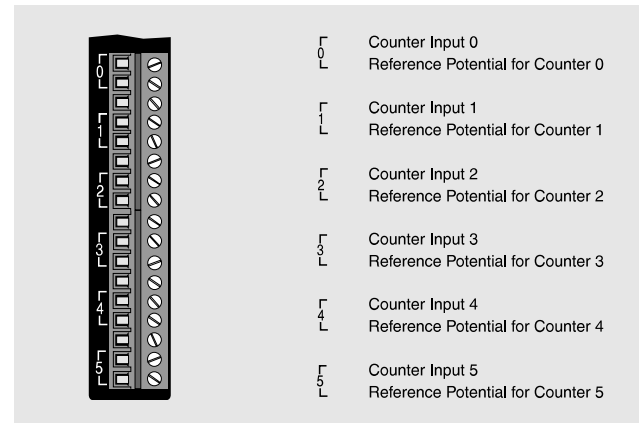
FUNCTIONALITY

The PZL2 module counters are decremental. They count from a defined value down to 0 and begin from the defined value again. Reaching 0 is indicated by setting a bit in the status register.

INPUT CIRCUIT

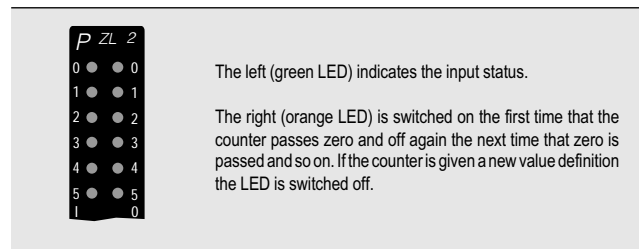


CONNECTIONS



STATUS LEDs

The PZL2 module has two status LEDs per channel:



STANDARD SOFTWARE

A standard function block for PZL2 module operation is included in software package SWSPSTD01-0 (see section A7 "PLC Programming/Standard Software" as well).