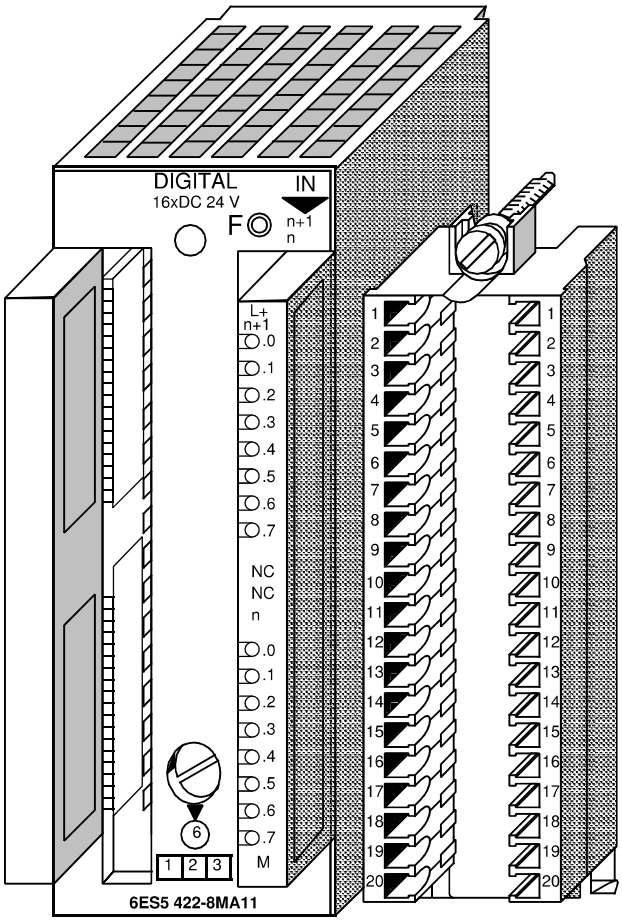
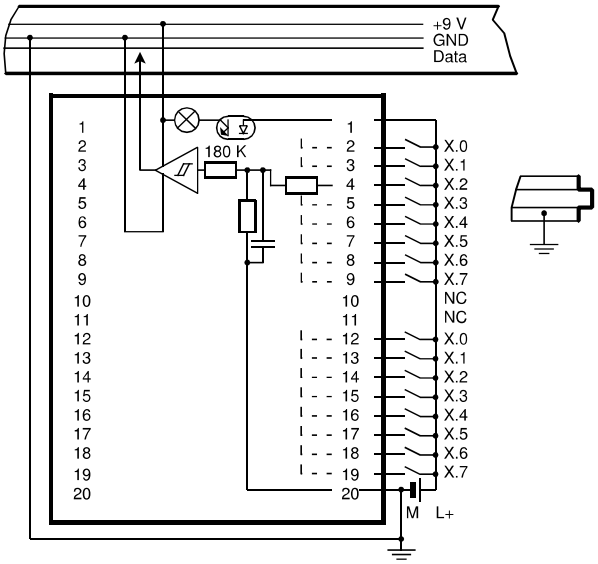
Digital Input Module 16 × 24 V DC

(6ES5 422-8MA11)
(6ES5 490-8MA13/-8MA03)
(6ES5 490-8MB11)



Technical specifications

Number of inputs		16
Galvanic isolation		no
Input voltage L+		
- rated value		24 V DC
- ”0” signal		0 to 5 V
- ”1” signal		13 to 30 V
Input protection		
- against polarity reversal		no, fuse trips
- against overvoltage	up to	33 V
Input current at ”1” signal	typ.	4.5 mA
Inherent delay		
- from ”0” to ”1”	typ.	4 ms
- from ”1” to ”0”	typ.	3 ms
Length of cable		
- unshielded		100 m
Rated insulation voltage (+9 V to ⏚)		12 V AC
- insulation group		1×B
EMC/noise immunity to VDE 801-4, severity level 3		2 kV
Fault LED (red)		on L+/M interruption
Connection of 2-wire BERO proximity switches		possible
- residual current		1.5 mA
Current consumption		
- from +9 V (CPU)	typ.	50 mA
Power loss of the module	typ.	4.5 W
Weight	ca.	190 g (6.7 oz.)