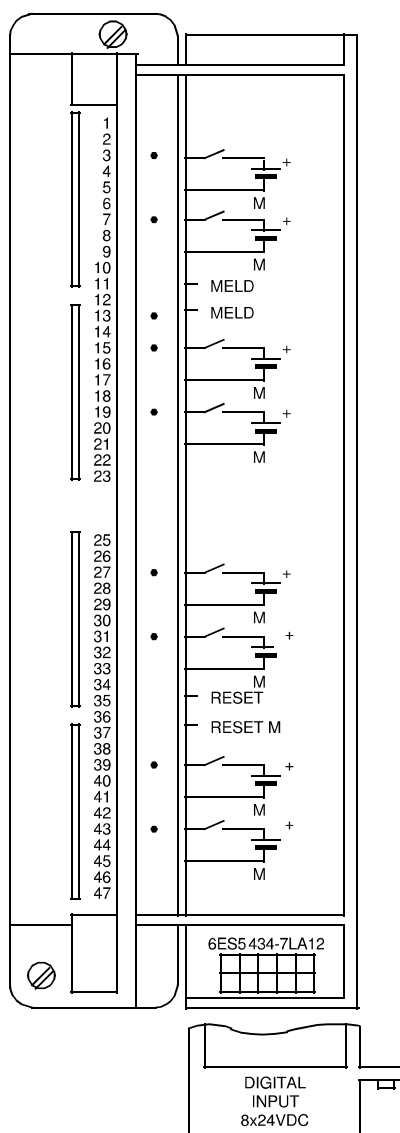
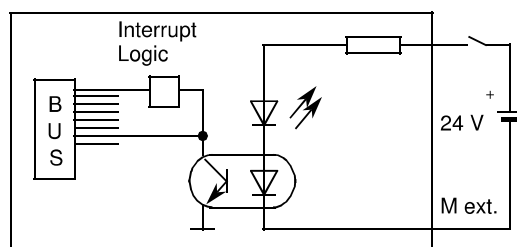


Digital Input Module 8 x 24 V DC (with P Interrupt), Floating

(6ES5 434-7LA12)



Terminal Assignment



Simplified Schematic

Technical Specifications

Number of inputs	8
Galvanically isolated	yes (optocoupler)
- in groups of	1
Input voltage L+	24 V DC
- rated value	
- for "0" signal	-30 to +5 V
- for "1" signal	13 to 30 V
Input current for "1" signal	
- at 24 V DC	typ. 8.5 mA
Delay time	
- from "0" to "1"	0.5 to 1.5 msec.
- from "1" to "0"	0.5 to 1.5 msec.
Interrupt signal (external)	latching relay contact (permissible load: max. 0.2 A 50 V DC - switching capacity max. 20 W or 35 VA)
Interrupt signal (internal)	via bus line PRAL-N
Acknowledgement	external via input reset 24 V DC
Cable length	
- shielded	max. 1000 m (3281 ft.)
- unshielded	max. 600 m (1969 ft.)
Isolation rating	according to VDE 0160
Rated isolation voltage (between groups)	30 V
- isolation group	C
- tested at	500 V
Rated isolation voltage (L+ to $\perp$)	30 V
- isolation group	C
- tested at	500 V
Connection of 2-wire BERO proximity switches	possible
- quiescent current	max. 1.5 mA
Current consumption	
- from 5 V (internal)	<70 mA
Power losses of the module	typ. 2 W
Weight	approx. 0.7 kg (1.54 lb.)