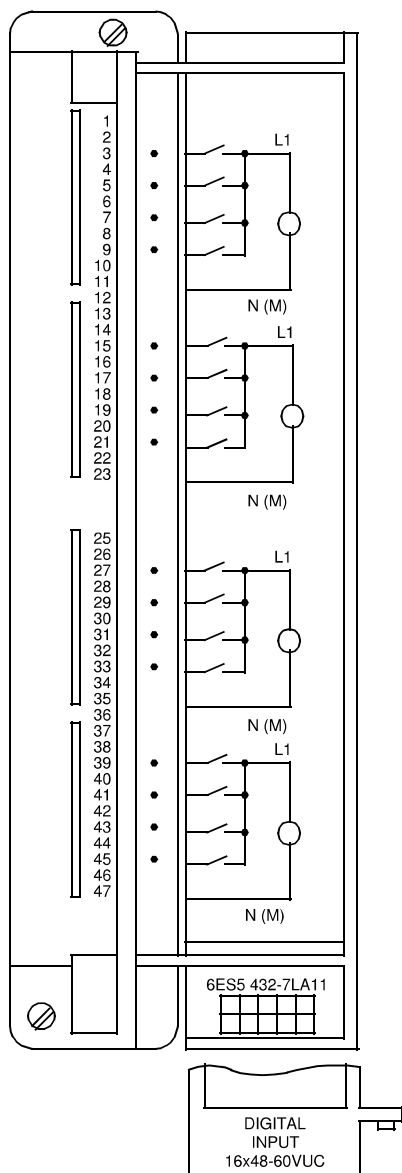


Digital Input Module 16 x 48 to 60 V UC, Floating

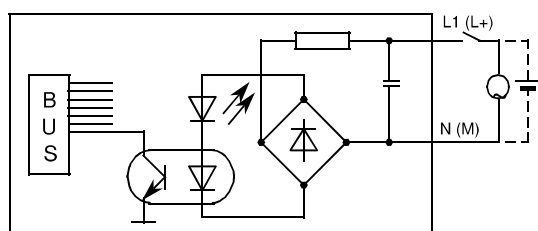
(6ES5 432-7LA11)



Technical Specifications

Number of inputs	16
Galvanically isolated	yes (optocoupler)
- in groups of	4
Input voltage L1	
- rated value	48 to 60 V UC
- frequency	0 to 63 Hz
- for "0" signal	0 to 10 V
- for "1" signal	30 to 72 V
Input current for "1" signal	
- at 48 V AC / 50 Hz	typ. 8.5 mA
- at 48 V DC	typ. 9.5 mA
- at 60 V AC / 50 Hz	typ. 9.5 mA
- at 60 V DC	typ. 10.0 mA
Delay time	
- from "0" to "1"	2 to 13 msec.
- from "1" to "0"	10 to 25 msec.
Cable length	
- shielded	max. 1000 m (3281 ft.)
- unshielded	max. 600 m (1969 ft.)
Isolation rating	according to VDE 0160
Rated isolation voltage ¹ (between groups)	60 V
- isolation group	C
- tested at	500 V
Rated isolation voltage (L1 to $\perp$)	60 V
- isolation group	C
- tested at	500 V
Connection of 2-wire BERO proximity switches	possible
- quiescent current	5 mA
Current consumption	
- from 5 V (internal)	5 mA
Power losses of the module	typ. 10 W
Weight	approx. 0.7 kg (1.54 lb.)

Terminal Assignment



Simplified Schematic

¹ Connection of different phases is not permissible.