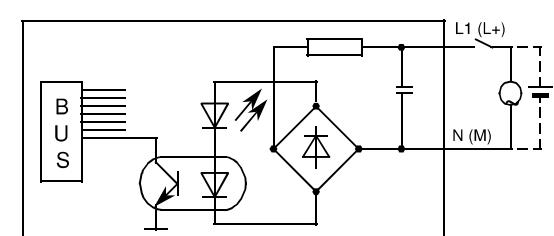


## Digital Input Module 16 x 115 V AC, Floating

(6ES5 435-7LA11)

Technical Specifications		
<b>Number of inputs</b>	16	
<b>Galvanic isolation</b>	yes (optocoupler)	
- in groups of	4	
<b>Input voltage L1</b>		
- rated value	115 V UC	
- frequency	47 to 63 Hz	
- for "0" signal	0 to 40 V	
- for "1" signal	85 to 135 V	
<b>Input current a for "1" signal</b>		
- at AC, 50 Hz	typ.	15 mA
- at DC	typ.	6 mA
<b>Response time</b>		
- from "0" to "1"	2 to 13 msec.	
- from "1" to "0"	10 to 25 msec.	
<b>Cable length</b>		
- shielded	1000 m (3281 ft.)	
- unshielded	600 m (1969 ft.)	
<b>Isolation rating</b>		according to VDE 0160
<b>Rated isolation voltage <sup>1</sup> (between groups)</b>	250 V	
- isolation group	C	
- tested at	1500 V	
<b>Rated isolation voltage (L1 to <u>N</u>)</b>	250 V	
- isolation group	C	
- tested at	1500 V	
<b>Connection of 2-wire BERO proximity switches</b>	possible	
- quiescent current	5 mA	
<b>Current consumption</b>		
- from 5 V (internal)	5 mA	
<b>Simultaneity factor (per group, L1=135 V)</b>		
- at 25°C	100%	
- at 55°C	75%	
<b>Power losses of the module</b>	typ.	11 W
<b>Weight</b>	approx.	0.7 kg (1.54 lb.)



Simplified Schematic

<sup>1</sup> Connection of different phases is not permissible.