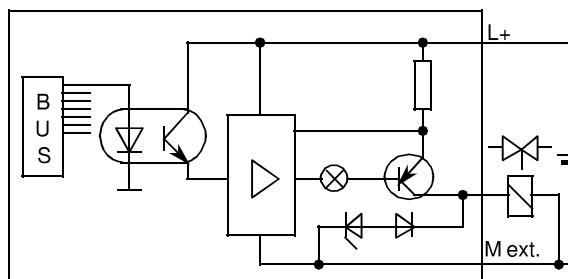


Digital Output Module 16 x 24 V DC; 2 A, Floating

(6ES5 454-7LA11)

Technical Specifications		
Number of outputs	16	
Galvanic isolation	yes (optocoupler)	
- in groups of	4	
Load voltage L+	24 V DC	
- rated value	20 to 30 V	
- permissible range	35 V	
- surge voltage at t 0.5 sec.		
Output voltage		
- for "1" signal	min.	L+ - 3 V
Output current		
for "1" signal		
- rated value	2 A	
- lamp load	max.	10 W
Leakage current		
for "0" signal	max.	1 mA
Parallel connection		
of outputs		not possible
Permissible total current		
of outputs, per group		50% (related to the sum of the currents of a group)
Short circuit protection		electronic
Limitation of the voltage induced		
on circuit interruption	-	15 V
Switching frequency		
- inductive load	max.	0.27 Hz
- resistive load	max.	100 Hz
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 DC
- isolation group		C
- tested		500 V AC
Rated isolation voltage		
(L+ to )		30 V DC
- isolation group		C
- tested with		500 V AC
Current consumption		
- from 5 V (internal)		50 mA
- from L+ (without load)		8.5 mA / per group
Power losses of		
the module	typ.	20 W
Weight	approx.	1.1 kg (2.43 lb.)

Terminal Assignment



Simplified Schematic