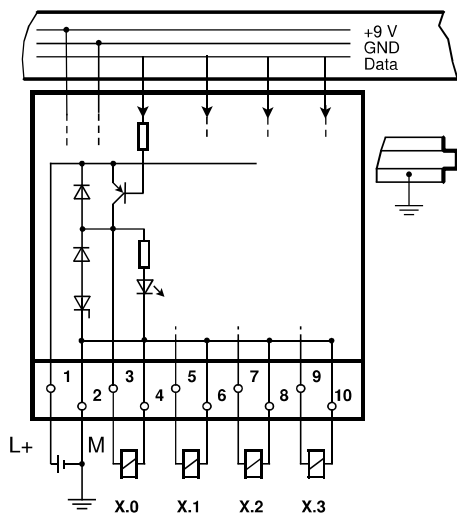
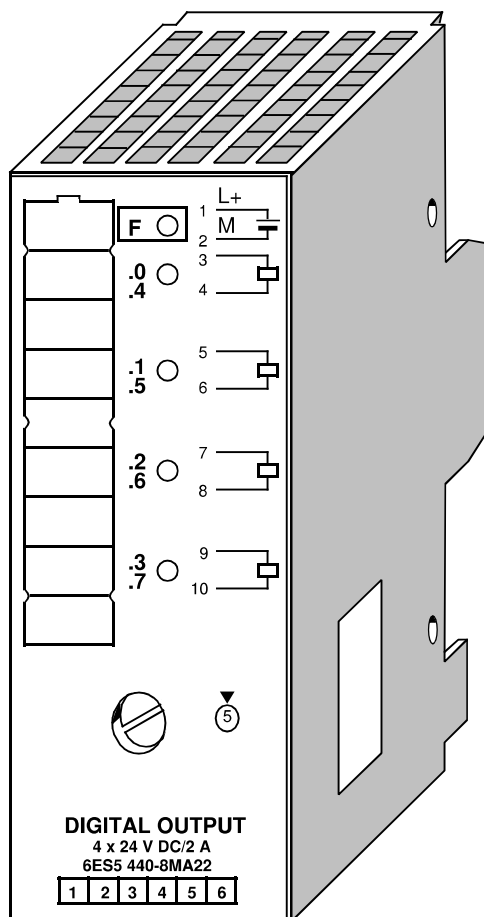


Digital Output Module 4 × 24 V DC/2 A

(6ES5 440-8MA22)



Technical specifications

Number of outputs	4
Galvanic isolation	no
- in groups of	4
Load voltage L+	
- rated value	24 V DC
- permissible range	20 to 30 V
Output current for "1" signal	
- rated value	2 A
- permissible range	5 mA to 2 A
- lamp load	max. 10 W
Residual current at "0" signal	max. 1 mA
Output voltage - "1" signal	max. L+ (- 0.8 V)
Short-circuit protection	short-circuit protected output with autom. switch on when the short-circuit does not exist any more
Fault LED (red)	short-circuit/ no load voltage L+
Error diagnostics	possible
Voltage induced on circuit interruption (internal) limited to	- 15 V
Switching frequency	
- resistive load	max. 100 Hz
- inductive load	max. 2 Hz
Total permissible current of outputs	4 A
Driving of digital input	possible
Paralleling of outputs	possible
- maximum current	3.2 A
Permissible ambient temperature of module	
- horizontal arrangement	0 to 60 °C (32 to 140 °F)
- vertical arrangement	0 to 40 °C (32 to 104 °F)
Length of cable	
- unshielded	max. 100 m (330 ft.)
Insulation rating	VDE 0160
Rated insulation voltage* (+9 V to ⊥)	12 V AC
- insulation group	1xB
Current consumption	
- from +9 V (CPU)	typ. 15 mA
- from L+ (without load)	typ. 25 mA
Power loss of the module	typ. 3 W
Weight	approx. 200 g (7 oz.)

* Relevant only for isolated assembly in the ET 100/200U