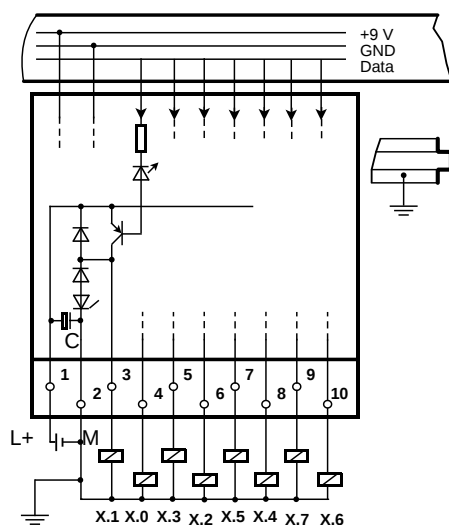
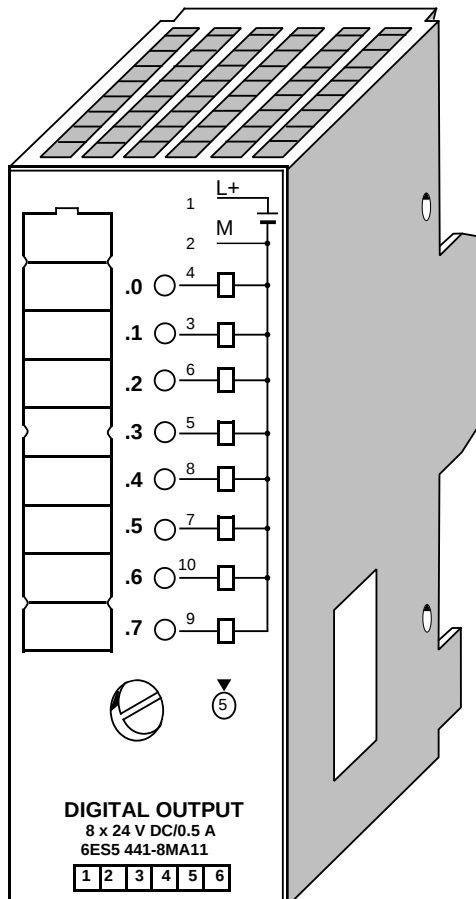


Digital Output Module 8×24 V DC/0.5 A

(6ES5 441-8MA11)



Technical Specifications

Address designation (for ET 100U only)	8DQ
Number of outputs	8
Galvanic isolation - in groups of	no 8
Load voltage L+ - rated value	24 V DC
- permissible range (including ripple)	20 to 30 V
- value at $t < 0.5$ s	35 V



Warning

Capacitor C remains loaded
after switch off of L+

Output current for "1" signal - rated value		0.5 A at 60 °C (140 °F)/ 1 A at 30 °C (86 °F) 5 mA to 1 A
- permissible range		max. 5 W
- lamp load	max.	5 W
Residual current at "0" signal	max.	1.0 mA
Output voltage - "1" signal	max.	L+ (- 1.2 V)
Short-circuit protection		no
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 2 outputs - maximum current		possible 0.8 A
Length of cable - unshielded	max.	100 m (330 ft.)
Rated insulation voltage* (+9 V to $\perp$)		12 V AC
- insulation group		1×B
Current consumption - from +9 V (CPU)	typ.	14 mA
- from L+ (without load)	typ.	15 mA
Power loss of the module	typ.	3.5 W
Weight	approx.	220 g (7.7 oz.)

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