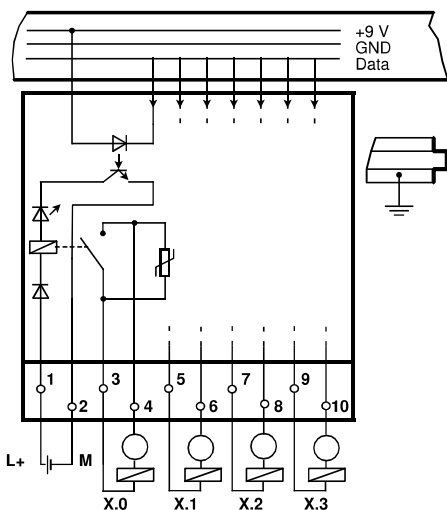
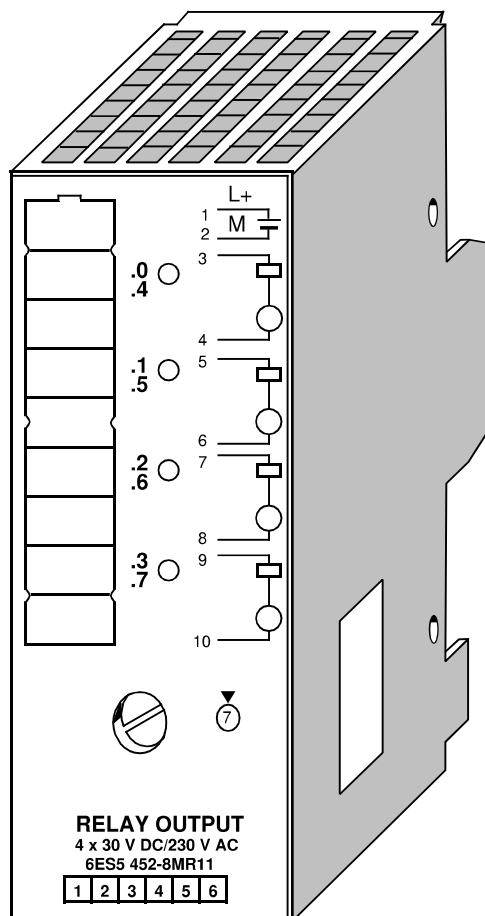


Relay Output Module 4 x 30 V DC/230 V AC

(6ES5 452-8MR11)



Technical specifications

Outputs	4 relay outputs, contact switching varistor SIOV-S07-K275
Galvanic isolation - in groups of	yes (optocoupler) 1
Continuous current I_{th}	5 A
Relay type	Siemens V 23127-D 0006-A402
Switching capacity of the contacts	
- resistive load	max. 5 A at 250 V AC 2.5 A at 30 V DC
- inductive load	max. 1.5 A at 250 V AC 0.5 A at 30 V DC
Operating cycle of the contacts according to VDE 0660, part 200	
- AC-11	1.5 x 10 ⁶
- DC-11	0.5 x 10 ⁶
Switching frequency	max. 10 Hz
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 L1)	250 V AC
- insulation group	2 x B
- tested with	1500 V AC
Rated insulation voltage (+ 9 V to $\perp$)	12 V AC
- insulation group	1 x B
- tested with	500 V AC
Rated insulation voltage (between contacts)	250 V AC
- insulation group	2 x B
- tested with	1500 V AC
Supply voltage L+ (for the relay)	
- rated value	24 V DC
- ripple V_{pp}	max. 3.6 V
- permissible range (ripple included)	20 to 30 V
- value at $t < 0.5$ s	35 V
Current consumption	
- from + 9 V (CPU)	typ. 14 mA
- from L+	typ. 100 mA
Power loss of the module	typ. 2 W
Weight	approx. 240 g (8 oz.)