

Process I/O

ET 200M distributed I/O

DO - digital output modules

Overview



The digital output modules described here break down into

- simple signal modules for DC and AC voltage with different output currents per channel, with a selection of relay modules available for higher output currents and voltages,
- modules with diagnostics capability that supply data for troubleshooting and enable parameterizable reactions to a failure of the automation system.

Selection and Ordering Data Order No.

SM 322 for DC voltage (suitable for solenoid valves, contactors, indicator lights etc.)

8 outputs, 24 V DC / 2 A Redundant design possible (module redundancy)	6ES7 322-1BF01-0AA0
• Electrically isolated in groups of 4 • Front connector required: 20-contact	
16 outputs, 24 V DC / 0.5 A	6ES7 322-1BH01-0AA0
• Electrically isolated in groups of 8 • Front connector required: 20-contact	
16 outputs, 24 V DC / 0.5 A, high-speed	6ES7 322-1BH10-0AA0
• Electrically isolated in groups of 8 • Output delay max. 0.2 ms • Front connector required: 20-contact	
32 outputs, 24 V DC / 0.5 A Redundant design possible (module redundancy)	6ES7 322-1BL00-0AA0
• Electrically isolated in groups of 8 • Front connector required: 40-contact	
8 outputs, 48 to 125 V DC / 1.5 A	6ES7 322-1CF00-0AA0 B)
• Electrically isolated in groups of 4 • Front connector required: 20-contact	

Selection and Ordering Data Order No.

SM 322 for AC voltage (suitable for AC coils, contactors, motor starters, small motors and indicator lights)

8 outputs, 120/230 V AC / 2 A Redundant design possible (module redundancy)	6ES7 322-1FF01-0AA0 B)
• Electrically isolated in groups of 4 • Front connector required: 20-contact	
16 outputs, 120/230 V AC / 1 A	6ES7 322-1FH00-0AA0 B)
• Electrically isolated in groups of 8 • Front connector required: 20-contact	
32 outputs, 120/230 V AC / 1 A	6ES7 322-1FL00-0AA0 B)
• Electrically isolated in groups of 8 • Front connector required: 2 x 20-contact	

SM 322 for relay output (suitable for AC/DC solenoid valves, contactors, motor starters, small motors and indicator lights)

8 outputs, 24 to 120 V DC, 48 to 230 V AC, max. 2 A	6ES7 322-1HF01-0AA0
• Electrically isolated in groups of 2 • Front connector required: 20-contact	
8 outputs, 24 to 120 V DC, 48 to 230 V AC, max. 5 A	6ES7 322-1HF10-0AA0
• Electrically isolated in groups of 1 • Front connector required: 40-contact	
16 outputs, 24 to 120 V DC, 48 to 230 V AC, max. 2 A	6ES7 322-1HH01-0AA0
• Electrically isolated in groups of 8 • Front connector required: 20-contact	

B) Subject to export regulations: AL: N, ECCN: EAR99H