

Schneider Electric Modicon M221 and TM3 order number list

87 order numbers for Modicon M221 and M221 Book logic controllers, M221 cartridges and Modicon TM3 expansion modules, as listed in the Schneider Electric catalogs. In TM3 codes, a trailing G means spring terminals and a trailing K means HE10 connectors. Ask us for availability, lead time and price for any order number below.

M221 logic controllers (TM221C)

ORDER NUMBER	DESCRIPTION	
TM221C16R	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE16R	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C24R	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE24R	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C40R	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE40R	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 relay outputs; 2 analog inputs 0–10 V; 100–240 V AC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C16T	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE16T	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C24T	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE24T	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote

ORDER NUMBER	DESCRIPTION	
TM221C40T	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE40T	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C16U	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 sink transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE16U	M221 logic controller, 16 I/O: 9 sink/source 24 V DC inputs incl. 4 high-speed inputs, 7 sink transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C24U	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 sink transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE24U	M221 logic controller, 24 I/O: 14 sink/source 24 V DC inputs incl. 4 high-speed inputs, 10 sink transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote
TM221C40U	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 sink transistor outputs incl. 4 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45)	Request a Quote
TM221CE40U	M221 logic controller, 40 I/O: 24 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 sink transistor outputs incl. 4 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; 1 serial link (RJ45), Ethernet (RJ45)	Request a Quote

M221 Book logic controllers (TM221M), 24 V DC

ORDER NUMBER	DESCRIPTION	
TM221M16R	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 relay outputs; 2 analog inputs 0–10 V; 24 V DC power supply; serial links SL1 and SL2 (RJ45); removable screw terminal blocks	Request a Quote
TM221M16RG	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 relay outputs; 2 analog inputs 0–10 V; 24 V DC power supply; serial links SL1 and SL2 (RJ45); removable spring terminal blocks	Request a Quote
TM221ME16R	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 relay outputs; 2 analog inputs 0–10 V; 24 V DC power supply; Ethernet (RJ45) and serial link SL1 (RJ45); removable screw terminal blocks	Request a Quote
TM221ME16RG	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 relay outputs; 2 analog inputs 0–10 V; 24 V DC power supply; Ethernet (RJ45) and serial link SL1 (RJ45); removable spring terminal blocks	Request a Quote

ORDER NUMBER	DESCRIPTION	
TM221M16T	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; serial links SL1 and SL2 (RJ45); removable screw terminal blocks	Request a Quote
TM221M16TG	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; serial links SL1 and SL2 (RJ45); removable spring terminal blocks	Request a Quote
TM221ME16T	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; Ethernet (RJ45) and serial link SL1 (RJ45); removable screw terminal blocks	Request a Quote
TM221ME16TG	M221 Book logic controller, 16 I/O: 8 sink/source 24 V DC inputs incl. 4 high-speed inputs, 8 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; Ethernet (RJ45) and serial link SL1 (RJ45); removable spring terminal blocks	Request a Quote
TM221M32TK	M221 Book logic controller, 32 I/O: 16 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; serial links SL1 and SL2 (RJ45); HE10 connectors for I/O	Request a Quote
TM221ME32TK	M221 Book logic controller, 32 I/O: 16 sink/source 24 V DC inputs incl. 4 high-speed inputs, 16 source transistor outputs incl. 2 high-speed outputs; 2 analog inputs 0–10 V; 24 V DC power supply; Ethernet (RJ45) and serial link SL1 (RJ45); HE10 connectors for I/O	Request a Quote

Cartridges for M221 TM221C controllers

ORDER NUMBER	DESCRIPTION	
TMC2AI2	I/O cartridge, 2 analog inputs (12-bit), 0–10 V or 0–20 mA/4–20 mA, screw terminals (for M221 TM221C controllers)	Request a Quote
TMC2AQ2V	I/O cartridge, 2 analog outputs (12-bit), 0–10 V, screw terminals (for M221 TM221C controllers)	Request a Quote
TMC2AQ2C	I/O cartridge, 2 analog outputs (12-bit), 4–20 mA, screw terminals (for M221 TM221C controllers)	Request a Quote
TMC2TI2	I/O cartridge, 2 temperature inputs (12-bit), thermocouple and RTD types, screw terminals (for M221 TM221C controllers)	Request a Quote
TMC2SL1	Communication cartridge, 1 additional serial link on screw terminal block (for M221 TM221C controllers)	Request a Quote
TMC2H0IS01	Application cartridge for hoisting, 2 analog inputs (for M221 TM221C controllers)	Request a Quote
TMC2PACK01	Application cartridge for packaging, 2 analog inputs (for M221 TM221C controllers)	Request a Quote
TMC2CONV01	Application cartridge for conveyor systems, 1 serial link (for M221 TM221C controllers)	Request a Quote

TM3 digital input modules

ORDER NUMBER	DESCRIPTION	
TM3DI8	TM3 digital input module, 8 inputs, 24 V DC sink/source, screw terminals	Request a Quote
TM3DI8G	TM3 digital input module, 8 inputs, 24 V DC sink/source, spring terminals	Request a Quote
TM3DI8A	TM3 digital input module, 8 inputs, 120 V AC, screw terminals	Request a Quote
TM3DI16	TM3 digital input module, 16 inputs, 24 V DC sink/source, screw terminals	Request a Quote
TM3DI16G	TM3 digital input module, 16 inputs, 24 V DC sink/source, spring terminals	Request a Quote
TM3DI16K	TM3 digital input module, 16 inputs, 24 V DC sink/source, HE10 connector	Request a Quote
TM3DI32K	TM3 digital input module, 32 inputs, 24 V DC sink/source, HE10 connector	Request a Quote

TM3 digital output modules

ORDER NUMBER	DESCRIPTION	
TM3DQ8R	TM3 digital output module, 8 relay outputs, 2 A, screw terminals	Request a Quote
TM3DQ8RG	TM3 digital output module, 8 relay outputs, 2 A, spring terminals	Request a Quote
TM3DQ8T	TM3 digital output module, 8 source transistor outputs, 0.5 A, screw terminals	Request a Quote
TM3DQ8TG	TM3 digital output module, 8 source transistor outputs, 0.5 A, spring terminals	Request a Quote
TM3DQ8U	TM3 digital output module, 8 sink transistor outputs, 0.5 A, screw terminals	Request a Quote
TM3DQ8UG	TM3 digital output module, 8 sink transistor outputs, 0.5 A, spring terminals	Request a Quote
TM3DQ16R	TM3 digital output module, 16 relay outputs, 2 A, screw terminals	Request a Quote
TM3DQ16RG	TM3 digital output module, 16 relay outputs, 2 A, spring terminals	Request a Quote
TM3DQ16T	TM3 digital output module, 16 source transistor outputs, 0.5 A, screw terminals	Request a Quote
TM3DQ16TG	TM3 digital output module, 16 source transistor outputs, 0.5 A, spring terminals	Request a Quote
TM3DQ16U	TM3 digital output module, 16 sink transistor outputs, 0.5 A, screw terminals	Request a Quote
TM3DQ16UG	TM3 digital output module, 16 sink transistor outputs, 0.5 A, spring terminals	Request a Quote
TM3DQ16TK	TM3 digital output module, 16 source transistor outputs, 0.1 A, HE10 connector	Request a Quote
TM3DQ16UK	TM3 digital output module, 16 sink transistor outputs, 0.1 A, HE10 connector	Request a Quote
TM3DQ32TK	TM3 digital output module, 32 source transistor outputs, 0.1 A, HE10 connector	Request a Quote
TM3DQ32UK	TM3 digital output module, 32 sink transistor outputs, 0.1 A, HE10 connector	Request a Quote

TM3 mixed digital I/O modules

ORDER NUMBER	DESCRIPTION	
TM3DM8R	TM3 mixed digital I/O module, 4 sink/source 24 V DC inputs and 4 relay outputs (2 A), screw terminals	Request a Quote
TM3DM8RG	TM3 mixed digital I/O module, 4 sink/source 24 V DC inputs and 4 relay outputs (2 A), spring terminals	Request a Quote
TM3DM24R	TM3 mixed digital I/O module, 16 sink/source 24 V DC inputs and 8 relay outputs (2 A), screw terminals	Request a Quote
TM3DM24RG	TM3 mixed digital I/O module, 16 sink/source 24 V DC inputs and 8 relay outputs (2 A), spring terminals	Request a Quote

TM3 analog and temperature input modules

ORDER NUMBER	DESCRIPTION	
TM3AI2H	TM3 analog input module, 2 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 16-bit, screw terminals	Request a Quote
TM3AI2HG	TM3 analog input module, 2 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 16-bit, spring terminals	Request a Quote
TM3AI4	TM3 analog input module, 4 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, screw terminals	Request a Quote
TM3AI4G	TM3 analog input module, 4 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, spring terminals	Request a Quote
TM3TI4	TM3 analog input module, 4 voltage/current or temperature inputs (thermocouple, RTD), 16-bit, screw terminals	Request a Quote
TM3TI4G	TM3 analog input module, 4 voltage/current or temperature inputs (thermocouple, RTD), 16-bit, spring terminals	Request a Quote
TM3TI4D	TM3 analog input module, 4 differential thermocouple inputs, non-isolated, 16-bit, screw terminals	Request a Quote
TM3TI4DG	TM3 analog input module, 4 differential thermocouple inputs, non-isolated, 16-bit, spring terminals	Request a Quote
TM3AI8	TM3 analog input module, 8 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, screw terminals	Request a Quote
TM3AI8G	TM3 analog input module, 8 voltage/current inputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, spring terminals	Request a Quote
TM3TI8T	TM3 analog input module, 8 temperature inputs (thermocouple, NTC/PTC thermistor), 16-bit, screw terminals	Request a Quote
TM3TI8TG	TM3 analog input module, 8 temperature inputs (thermocouple, NTC/PTC thermistor), 16-bit, spring terminals	Request a Quote

TM3 analog output modules

ORDER NUMBER	DESCRIPTION	
TM3AQ2	TM3 analog output module, 2 voltage/current outputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, screw terminals	Request a Quote

ORDER NUMBER	DESCRIPTION	
TM3AQ2G	TM3 analog output module, 2 voltage/current outputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, spring terminals	Request a Quote
TM3AQ4	TM3 analog output module, 4 voltage/current outputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, screw terminals	Request a Quote
TM3AQ4G	TM3 analog output module, 4 voltage/current outputs (–10...+10 V, 0...10 V, 0–20 mA, 4–20 mA), 12-bit, spring terminals	Request a Quote

TM3 mixed analog I/O modules

ORDER NUMBER	DESCRIPTION	
TM3TM3	TM3 mixed analog I/O module, 2 temperature or voltage/current inputs (16-bit) and 1 voltage/current output (12-bit), screw terminals	Request a Quote
TM3TM3G	TM3 mixed analog I/O module, 2 temperature or voltage/current inputs (16-bit) and 1 voltage/current output (12-bit), spring terminals	Request a Quote
TM3AM6	TM3 mixed analog I/O module, 4 voltage/current inputs and 2 voltage/current outputs, 12-bit, screw terminals	Request a Quote
TM3AM6G	TM3 mixed analog I/O module, 4 voltage/current inputs and 2 voltage/current outputs, 12-bit, spring terminals	Request a Quote

TM3 expert counter modules

ORDER NUMBER	DESCRIPTION	
TM3XHSC202	TM3 expert counter module, high-speed counter, 10 fast inputs, 8 fast outputs, screw terminals	Request a Quote
TM3XHSC202G	TM3 expert counter module, high-speed counter, 10 fast inputs, 8 fast outputs, spring terminals	Request a Quote
TM3XFHSC202	TM3 expert counter module, high-speed counter with event management (on M262), 10 fast inputs, 8 fast outputs, screw terminals	Request a Quote
TM3XFHSC202G	TM3 expert counter module, high-speed counter with event management (on M262), 10 fast inputs, 8 fast outputs, spring terminals	Request a Quote

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