M221 Selection

Product Code   The product code defines the options for the M221 Logic Controller and the fitted options can be determined from the code.

> ➤ The first five characters of the part number (TM221) define that it is a M221 Logic Controller
>
> ➤ The next character defines whether the controller is a M221 logic controller (C) or a M221 book controller (M)
>
> ➤ If this is followed by the letter 'E' the controller is fitted with an Ethernet port
>
> ➤ The next two numbers define the total amount of digital I/O.
>
> ➤ The next character defines whether the outputs are (R)elay or (T)ransistor
>
> ➤ For book controllers a G on the end indicates spring I/O connectors instead of screw connectors
>
> ➤ For book controllers a K on the end indicates HE10 connectors which must be used with the high density 32 I/O units due to space limitations.

M221 Selection (cont.)

M221 Logic Controller Selection

There are several options for the M221 Logic Controller to allow for the requirements of the application. These requirements will determine the number of inputs and outputs, the type of power supply and whether an Ethernet connection is required.

Controller	Inputs	Outputs	Power	Ethernet
TM221C16R	9	7	100-240VAC	No
TM221C16T	9	7	24VDC	No
TM221C24R	14	10	100-240VAC	No
TM221C24T	14	10	24VDC	No
TM221C40R	24	16	100-240VAC	No
TM221C40T	24	16	24VDC	No
TM221CE16R	9	7	100-240VAC	Yes
TM221CE16T	9	7	24VDC	Yes
TM221CE24R	14	10	100-240VAC	Yes
TM221CE24T	14	10	24VDC	Yes
TM221CE40R	24	16	100-240VAC	Yes
TM221CE40T	24	16	24VDC	Yes

M221 Selection (cont.)

M221 Selection   There are several options for the M221 Book Controller to allow for the requirements of the application. These requirements will determine the number of inputs and outputs, the type of I/O connection and whether an Ethernet connection is required.

Controller	Inputs	Outputs	Connection	Ethernet
TM221M16R	8	8 Relay	Screw	No
TM221M16RG	8	8 Relay	Spring	No
TM221M16T	8	8 Transistor	Screw	No
TM221M16TG	8	8 Transistor	Spring	No
TM221M32TK	16	16 Transistor	HE10	No
TM221ME16R	8	8 Relay	Screw	Yes
TM221ME16RG	8	8 Relay	Spring	Yes
TM221ME16T	8	8 Transistor	Screw	Yes
TM221ME16TG	8	8 Transistor	Spring	Yes
TM221ME32TK	16	16 Transistor	HE10	Yes