

Modicon M171/M172 logic controllers for HVAC solutions

I/O expansion modules for M172 logic controllers



TM172E12R



TM172E28R



TM172ASCTB12E



TM172ASCTB28E



TM172AP12PM

I/O expansion modules						
35 mm/1.38 in rail mounting						
No. of I/O	Number and type of channels		Compatibility	Embedded communication connection	Reference	Weight kg/lb
	Inputs (1)	Outputs (1)				
12	2 digital inputs: 2 high speed counters, dry contact 4 analog inputs: 4 NTC or PT1000, or PTC, or 0-20 mA, or 4-20 mA, or 0-5 V, or 0-10 V, or hOhm, or daOhm, or digital inputs	6 digital outputs: 3 SPST 3 A with the same common 3 SPST 3 A with the same common	M172 logic controllers	1 CAN expansion bus	TM172E12R	0.140/ 0.308
28	6 digital inputs: 4 ~ or 24 V $\overline{\text{---}}$ 2 high speed counters, dry contact 10 analog inputs: 10 NTC or PT1000, or PTC, or 0-20 mA, or 4-20 mA, or 0-5 V, or 0-10 V, or hOhm, or daOhm, or digital inputs	10 digital outputs: 3 SPST 3 A with the same common 3 SPST 3 A with the same common 2 SPST 3 A with the same common 2 SPST 3 A with the same common 2 analog outputs: 2 x 0-10 V, or 4-20 mA, or PWM (2 kHz, 24 V $\overline{\text{---}}$)	M172 logic controllers	1 CAN expansion bus	TM172E28R	0.190/ 0.418

Accessories to be ordered separately			
Designation	Compatibility	Reference	Weight kg/lb
Screw terminal blocks (inputs, outputs, and communication bus)	TM172E12R expansion module	TM172ASCTB12E	0.070/ 0.154
	TM172E28R expansion module	TM172ASCTB28E	0.100/ 0.220
Fixing accessory: 12 clip-on locks for panel mounting	TM172E●●R expansion modules	TM172AP12PM	0.055/ 0.110

(1) Removable terminal blocks to be ordered separately.