

Life Is On

Schneider
Electric

GREENER AND SMARTER

Sustainability
has never been
so easy combining
digitization
and efficiency

Modicon M1730

The powerful PLC
for compact machines



Suitable for Heat Pumps, Heat Recovery Units,
Process and Industrial Chillers,
Air Handling Units, Pumping and more

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Modicon TM1730

The powerful PLC
for compact machines



Sustainable
performance,
by design



Low-GWP gas ready

Conform to EN/IEC 60335-2-40 related to A3
refrigerants, such as R290
Suitable for A2L

Small dimensions

4-DIN module
in three versions

Green Premium product

Sustainable performance, by Design
Compliance with environmental regulations

1MB to support simple and
complex programs

Less is more

Insulation everywhere simplifying
machine wiring diagram and
reducing the number of components

Adaptive

One unit for super compact machines;
for bigger ones, just add I/O expansions

Multiple connection capabilities

to the other devices inside the machine
Modbus RTU client and server,
CANopen, USB-C, Remote display bus

Flexible & Configurable

22 I/Os to adapt to different
machines

Inputs: NTC, PT1000, 0...5V,
0...10V, 4...20mA, voltage free,
Pulse counter

Outputs: Relay, SSR, PWM, 0...10V,
4...20mA

Integrated EEVD

Integrated Unipolar Electronic
Expansion valve driver

Ready-to-use assets

simplifying programming
IEC61131 - Many templates,
libraries, function blocks available

IoT on deck

Straightforward connection to the Secure
Interface: cybersecurity IoT module



Codes	Description
TM173ODM22R	TM173 optimized, display, 22 I/Os, 24 Vac/dc, 2 x RS485
TM173ODM22S	TM173 optimized, display, 22 I/Os, 24 Vac/dc, 2 x RS485, 2 x SSR
TM173OBM22R	TM173 optimized, 22 I/Os, 24 Vac/dc, 2 x RS485



Learn more about our products at
www.se.com

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