

# Product data sheet

## Characteristics

# TM5SDO6TBFS

Safety dc discrete output module, Modicon TM5,  
digital 6O, 24 V 0,2 A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 381.00 USD



### Main

Range of product	Modicon TM5
Product or Component Type	Safety dc discrete output module
Discrete output number	6
Discrete output type	Solid state

### Complementary

Range Compatibility	PacDrive LMC motion controller
Product Compatibility	PacDrive LMC Eco PacDrive LMC Pro 2 PacDrive LMC Pro
Output voltage	24 V DC
Output voltage limits	20.4...28.8 V
Discrete output logic	Source
Current per channel	0.2 A
Maximum current per output common	2 A
Color	Red
Peak output current	12 A
Switching frequency	<= 500 Hz resistive
Maximum leakage current	10 MA when switched off
Protection Type	Overload protection Short-circuit protection
Isolation	No insulation between channels 500 Vrms AC insulation between channel and bus
Maximum power consumption in W	0.25 W bus 1.3 W internal
Local signalling	1 LED green power supply 1 LED red power supply 2 LEDs red safety status 4 LEDs red/orange output status
Electrical connection	2 wires
Marking	CE
Safety level	SIL 3 IEC 61508 SIL 3 IEC 62061 PL = e EN 13849-1

Safety reliability data	MTTFd > 100 years PFD < 1E-5 PFH < 1E-9
Product Weight	0.06 Lb(US) (0.025 kg)

## Environment

Standards	UL 508 IEC 61131-2 CSA C22.2 No 142 EN 13849-1 IEC 61508 IEC 62061
Product Certifications	CULus CSA
Ambient air temperature for operation	14...122 °F (-10...50 °C) vertical installation) 14...131 °F (-10...55 °C) horizontal installation)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Relative Humidity	5...95 % without condensation
IP degree of protection	IP20EN 60529
Pollution degree	2 IEC 60664
Operating altitude	0...6561.68 ft (0...2000 m)
Storage altitude	0.00...9842.52 Ft (0...3000 m)
Vibration resistance	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail
Shock resistance	15 gn 11 ms
Electromagnetic compatibility	Electrostatic discharge immunity test, 4 kV on contact EN/IEC 61000-4-2 Electrostatic discharge immunity test, 8 kV in air EN/IEC 61000-4-2 Susceptibility to electromagnetic fields, 10 V/m 80...2000 MHz EN/IEC 61000-4-3 Electrical fast transient/burst immunity test, 1 kV I/O EN/IEC 61000-4-4 Electrical fast transient/burst immunity test, 1 kV shielded cable EN/IEC 61000-4-4 Electrical fast transient/burst immunity test, 2 kV power lines EN/IEC 61000-4-4 1.2/50 µs shock waves immunity test, 0.5 kV differential mode EN/IEC 61000-4-5 1.2/50 µs shock waves immunity test, 1 kV common mode EN/IEC 61000-4-5 Conducted RF disturbances EN/IEC 61000-4-6 Conducted and radiated emissions CISPR 11

## Ordering and shipping details

Category	18360 - PACDRIVE3 SAFETY
Discount Schedule	PC52
GTIN	03606480639678
Nbr. of units in pkg.	1
Package weight(Lbs)	24.34 Oz (690 g)
Returnability	No

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.26 ln (3.2 cm)
Package 1 width	2.36 ln (6 cm)
Package 1 Length	4.13 ln (10.5 cm)

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Under investigation
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Product Life Status : **Commercialised**