

# Product datasheet

Specifications



## Safety dc discrete input module, Modicon TM5, digital 20I, 24 V sink

TM5SDI20DFS

EAN Code: 3606480941115

### Main

Range of product	Modicon TM5
Product or component type	Safety dc discrete input module
Product compatibility	PacDrive LMC Pro PacDrive LMC Pro 2 PacDrive LMC Eco
Range compatibility	PacDrive LMC motion controller
Discrete input number	20
Discrete input logic	Sink

### Complementary

Input impedance	9.68 kOhm
Input filtering	<= 500 ms configurable by software <= 150 ms hardware
Maximum voltage drop	<2 V for DC
Height	99 mm
Width	25 mm
Depth	75 mm
Net weight	0.059 kg

### Environment

Marking	CE
Ambient air temperature for operation	0...50 °C (vertical installation) 0...55 °C (horizontal installation)
Shock resistance	15 gn for 11 ms

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.300 cm
Package 1 Width	6.300 cm
Package 1 Length	10.800 cm
Package 1 Weight	59.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	50

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Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.323 kg

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## Logistical informations

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Country of origin                      AT

## Contractual warranty

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Warranty (in months)                      18



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	67 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	65 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
PVC free	Yes

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



### Repack and remanufacture

Recyclability potential, in %	0
End of life manual availability	<a href="#">End of Life Information</a>
Take-back	No