Product data sheet
Characteristics

TM5SPS2
power distribution module, Modicon TM5, 24V DC IO with bus



Main

Range of product	Modicon TM5
Product or component type	Power distribution module
Product compatibility	Motion controller Logic controller
Range compatibility	Modicon LMC058 Modicon M258
[Us] rated supply voltage	24 V for DC
Power supply output current	1136 MA for TM5 power bus 740 MA for TM5 power bus 10 A for I/O power segment

Complementary

Input current	10000 MA for I/O power segment 1136 MA for TM5 power bus 740 MA for TM5 power bus
Maximum power dissipation in W	1.91 W
Typical current consumption	25 MA at 24 V DC
Short-circuit protection	10 A external fuse
Housing colour	Grey
Electrical connection	Screw/Spring terminal block
Height	99 Mm
Width	12.5 Mm
Depth	75 Mm
Net weight	0.03 Kg

Environment

IP degree of protection	IP20
Marking	CE
Product certifications	CSA[RETURN]C-Tick[RETURN]CULus[RETURN]GOST-R
Standards	UL 508 CSA C22.2 No 213 CSA C22.2 No 142 IEC 61131-2
Ambient air temperature for operation	-10…55 °C without derating (horizontal installation) 55…60 °C with derating factor (horizontal installation) -10…50 °C (vertical installation)
Ambient air temperature for storage	-25…70 °C
Relative humidity	5…95 % without condensation
Operating altitude	0...2000 m
Pollution degree	2

Vibration resistance	1 gn (f = 8.4…150 Hz) on DIN rail 3.5 mm (f = 5…8.4 Hz) on DIN rail
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	2.000 Cm
Package 1 Width	6.000 Cm
Package 1 Length	10.500 Cm
Package 1 Weight	50.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	97
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	5.286 Kg

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	79 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1.683089081524716
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.017506905447013048
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.03453155886072693
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	77.0463051217307
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	77 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.0797589374346634
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	79
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised