



Main

Range of Product	Modicon TM5
Product or Component Type	Sercos III communication module
Physical interface	RJ45

Complementary

Range Compatibility	Modicon LMC078
Product Compatibility	Motion controller
Integrated connection type	Ethernet/IP, 2 RJ45 connectors Sercos, 100 Mbit/s
Current consumption	350 mA 5 V DC, base
Device composition	Interface module Bus base ordered separately Power supply ordered separately Terminal block ordered separately
Maximum power dissipation in W	1.75 W
Color	White
Local signalling	1 LED green/red STAT 1 LED green/red Sercos III 1 LED green Sercos III port 1 1 LED green Sercos III port 2
Net Weight	0.07 lb(US) (0.03 kg)

Environment

Resistance to electrostatic discharge	4 kV on contact EN/IEC 61000-4-2 8 kV in air EN/IEC 61000-4-2
Resistance to electromagnetic fields	0.91 V/m (1 V/m) 2...2.7 GHz EN/IEC 61000-4-3 9.14 V/m (10 V/m) 80 MHz...2 GHz EN/IEC 61000-4-3
Resistance to fast transients	1 kV EN/IEC 61000-4-4 I/O) 1 kV EN/IEC 61000-4-4 shielded cable) 2 kV EN/IEC 61000-4-4 power lines)
Surge withstand	0.5 kV differential mode EN/IEC 61000-4-5 1 kV common mode EN/IEC 61000-4-5
Electromagnetic compatibility	EN/IEC 61000-4-6
Disturbance radiated/conducted	CISPR 11

Ordering and shipping details

Category	18296-PACDRIVE-3 PRODUCTS
Discount Schedule	PC51
GTIN	3595864109091
Nbr. of units in pkg.	1
Package weight(Lbs)	2.54 oz (72.0 g)
Returnability	Yes
Country of origin	AT

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.18 in (3 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	4.13 in (10.5 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Weight	8.44 lb(US) (3.83 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

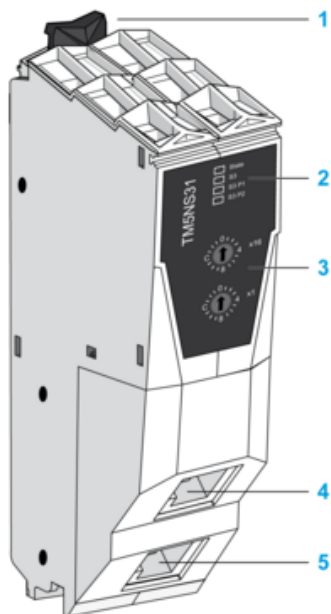
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes

Contractual warranty

Warranty	18 months
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Presentation

Sercos fieldbus interface module

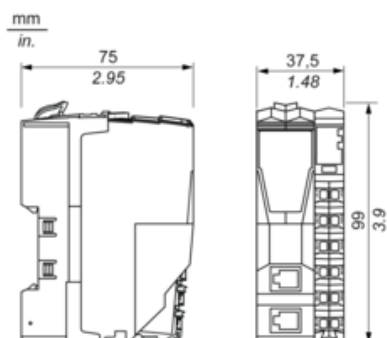


- 1 Locking clip
- 2 Status LEDs
- 3 Sercos III address setting rotary switches
- 4 Sercos III Port 1 connector (RJ45)
- 5 Sercos III Port 2 connector (RJ45)

Dimensions and Schema

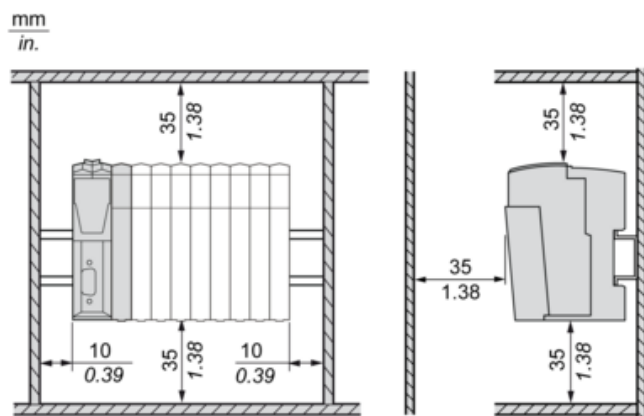
Sercos Fieldbus Interface Module

Dimensions

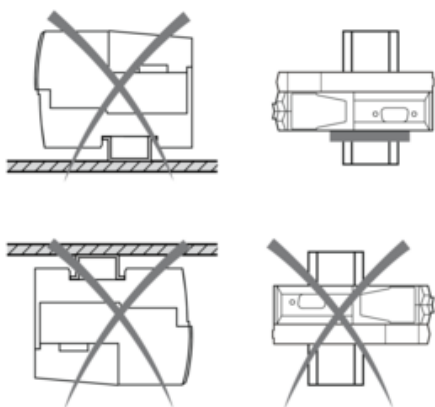


TM5 System

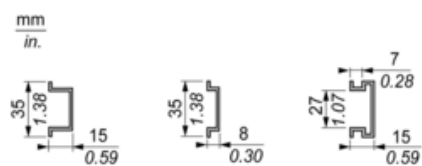
Spacing Requirements



Mounting Position

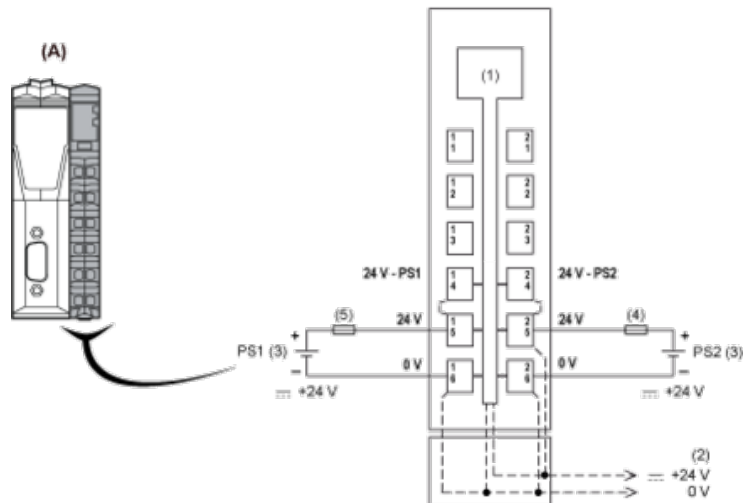


Mounting on a Din Rail



Connections and Schema

Wiring Diagram



(A) Interface Power Distribution Module (IPDM)

(1) Internal electronics

(2) 24 Vdc I/O power segment integrated in the bus bases

(3) PS1/PS2: External isolated power supply 24 Vdc

(4) External fuse, Type T slow blow, 10 A max., 250 V

(5) External fuse, Type T slow blow, 1 A, 250 V