



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 (RJ45), 100 Mbit/s
Current consumption	5 V DC base
Device composition	Terminal block (ordered separately) Power supply (ordered separately) Bus base (ordered separately) Interface module
Power dissipation in W	1.75 W
Colour	White
Local signalling	1 LED green for Sercos III port 2 1 LED green for Sercos III port 1 1 LED green/red for Sercos III 1 LED green/red for STAT
Product weight	0.03 kg

Environment

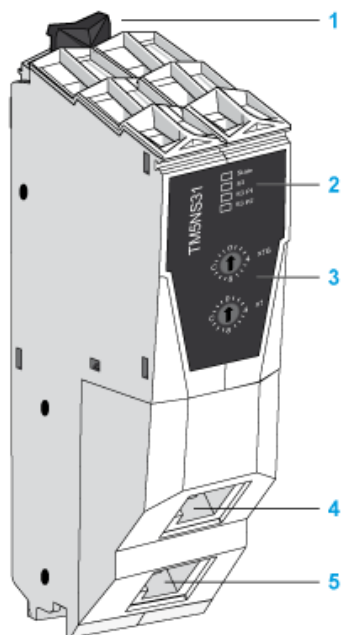
Resistance to electrostatic discharge	8 kV in air conforming to EN/IEC 61000-4-2 4 kV on contact conforming to EN/IEC 61000-4-2
Resistance to electromagnetic fields	10 V/m 80 MHz...2 GHz conforming to EN/IEC 61000-4-3 1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3
Resistance to fast transients	2 kV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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 1039 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available

Presentation

Sercos fieldbus interface module

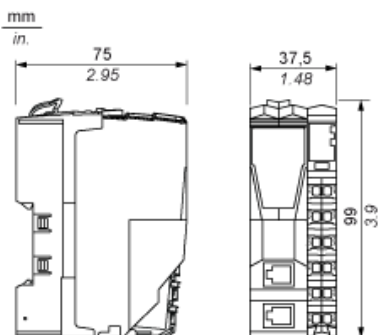


- 1 Locking clip
- 2 Status LEDs
- 3 Sercos III address setting rotary switches
- 4 Sercos III Port 1 connector (RJ45)
- 5 Sercos III Port 2 connector (RJ45)

Dimensions and Schema

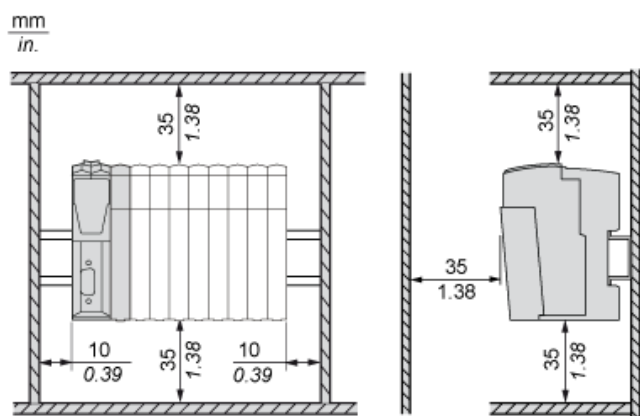
Sercos Fieldbus Interface Module

Dimensions

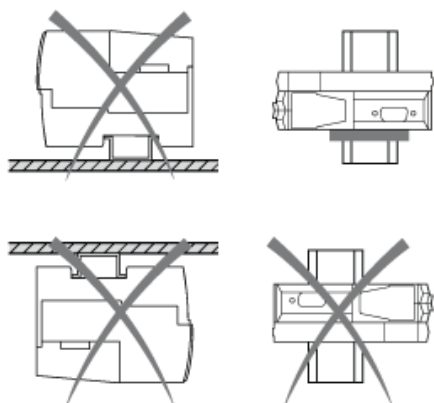


TM5 System

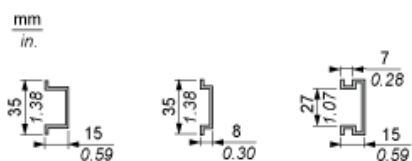
Spacing Requirements



Mounting Position

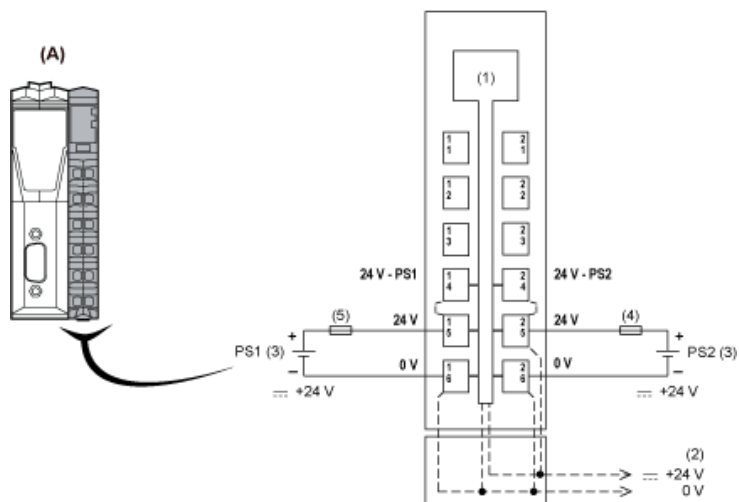


Mounting on a Din Rail



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