



**Product:** RSPM20-8TX-EEC

**Configurator:** RSPM20-8TX-EEC

### Configurator Description

By adding this simple-to-install RSPM media modules, a basic RSPE switch with eight Fast Ethernet ports and four combo ports can be quickly extended to provide up to 28 ports.

### Technical Specifications

#### Product description

Type	RSPM20-8TX-EEC (Product code: RSPM20-4T14T1TVTHHS999.9.99)
Description	Fast Ethernet media module for RSPE Switches
Part Number	942106004
Configurator Part Number	942106999
Port Type and Quantity	8 Fast Ethernet ports in total: 8 x RJ45

#### Network size - length of cable

Twisted pair (TP)	0-100 m
Single mode fiber (SM) 9/125 µm	see SFP modules
Single mode fiber (LH) 9/125 µm (long haul transceiver)	see SFP modules
Multimode fiber (MM) 50/125 µm	see SFP modules
Multimode fiber (MM) 62.5/125 µm	see SFP modules

#### Power requirements

Operating Voltage	power supply via RSPE32-xx or RSPE37-xx switch variant
Power consumption	4 W

#### Ambient conditions

Operating temperature	-40-+70 °C
Note	IEC 60068-2-2 Dry Heat Test +85°C 16 Hours
Minimum Storage Temperature	-40-+85 °C
Relative humidity (non-condensing)	10-95 %

#### Mechanical construction

Weight	140 g
Protection class	IP20

#### Mechanical stability

IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks

#### EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line IEC61000-4-5: power line 5 kV (line/earth)

EN 61000-4-6 Conducted Immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continuous; 300 V, 50 Hz 1 s

## EMC emitted immunity

EN 55022	EN 55032 Class A
FCC CFR47 Part 15	FCC 47CFR Part 15, Class A

## Approvals

Basis Standard	CE, FCC, RCM, EN61131
Safety of industrial control equipment	EN60950, UL61010-1/-2-201
Hazardous locations	ATEX II 3 G Ex na IIC T4 Gc, ISA-12.12.-01 Class 1 Div. 2 Group A, B, C, D
Substation	IEC61850-3, IEEE1613
Transportation	EN50121-4, NEMA TS2

## Reliability

Guarantee	60 months (please refer to the terms of guarantee for detailed information)
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## Scope of delivery and accessories

Scope of delivery	Device
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