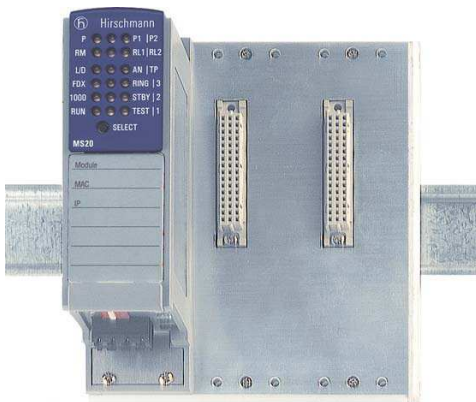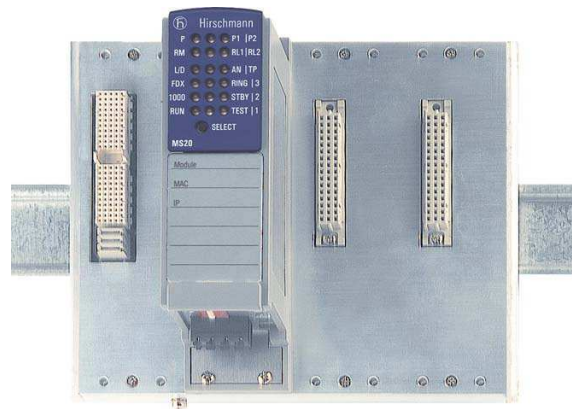**HIRSCHMANN**

A **BELDEN** BRAND

User Manual

Installation
Industrial ETHERNET Switch MICE
MS20/MS30

MICE MS20   MICE MS30

039530001100712000

Ordinary Location,
Non-Hazardous Area,
non-explosive atmosphere

⟨Ex⟩ Zone 2: Explosive Atmosphere
or   Class 1, Division 2,
Groups A, B, C, D
Hazardous Location

⚠️

WARNING! The USB connection and the V.24 Interface connection are for temporary connection only, for maintenance use. Do not use, connect or disconnect unless the area is known to be non-hazardous. Connection or disconnection in an explosive atmosphere could result in an explosion!

MS20/30 switch basic module with voltage range type "C"

Power Supply range "C" (P1, P2 Redundant)
18 – 60 VDC;
4.0 – 1.2 A; max. 72 W

P1

Relay

P2

Relay

Relay contacts:
Equipment with nonincendive field wiring parameters.
Polarity is not relevant.
THE RELAY TERMINALS ARE DEPENDENT UPON THE FOLLOWING ENTITY PARAMETERS: [1]) [2])

U_i	I_i	C_i	L_i
30 V	90 mA	2 nF	1 µH

Temperature Code: T4

Ambient Temperature rating:
Ta: 0 ℃ to +60 ℃ for "S" types
Ta: -40 ℃ to +70 ℃ for "T" or "E" types
    – refer to the type designation on the device
      (Position 10 of nomenclature: "Temperature range").

The earth conductor must be at least the same wire size (mm² or AWG) as the supply conductors.

CONTROL DRAWING for Industrial ETHERNET Rail Switch MS20 and MS30 devices
943-435-999   according to the directive 94/9/EC
          or Class 1 Division 2 Hazardous Locations

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