



GE

Master Distributor Hirschmann Brazil

Engenharia de Vendas
vendas@ge.com
11 – 2139-9519

Engenharia de Aplicação
engenharia@ge.com
11 – 2139-9511

Engenharia de Suporte
suporte@ge.com
11 – 2139-9513

Marketing e Comunicação
comunicacao@ge.com
11 – 2139-9525



Hirschmann - Guia Prático

Divulgamos este guia prático com o objetivo de auxiliar nossos clientes e parceiros na escolha de Produtos Hirschmann distribuídos pela GE. Em caso de dúvidas ou mais informações entre em contato através do e-mail vendas@ge.com

1. Apresentação para escolha do melhor switch para sua aplicação

Como escolher Switch Hirschmann Escolhendo o melhor switch para sua aplicação



GE imagination at work



HIRSCHMANN

A Belden Company



2. Site Oficial

➤ http://www.hirschmann.com/en/Hirschmann_Produkte/Industrial_Ethernet/index.phtml

Industrial Ethernet products: switches, firewall, wireless LAN (WLAN), network management - Windows Internet Explorer

http://www.beldensolutions.com/en/Brands-Products/Hirschmann_Produkte/Industrial_Ethernet/index.phtml

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Industrial Ethernet products: switches, firewall, wirele...

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Belden®
Hirschmann™
Industrial Ethernet
News
Entry Level Hubs and Switches
Compact Industrial Switches
Workgroup Switches MACH100 family
Power Over Ethernet (PoE)
Ruggedized MACH1000 Switches
Precision Time Protocol (PTPv2)
Modular Industry Switches
Rugged Rail Switches
Backbone Switches
Industrial IP67 Switch
Security Firewall
Industrial Wireless LAN
System Accessories
Network management
Everything about Industrial Ethernet
Industrial Connectors
Fiber Interfaces
Mobile Machine Control Solutions
About Hirschmann™
Lumberg Automation™
Belden Wire and Cable
Product catalog

HIRSCHMANN
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English > Brands & Products > Hirschmann™ > Industrial Ethernet

Industrial Ethernet Product Overview

Hirschmann™ – The Technology and Market Leader in Industrial Networking.

As specialist for automation and networking technology, Hirschmann™ develops innovative solutions, which are geared towards its customers' requirements in terms of performance, efficiency and investment reliability.

- Entry Level Hubs and Switches (Unmanaged)**
Unmanaged DIN Rail Mount Switches (SPIDER Family, RS2, RS20/RS30)
- Compact Industrial Switches (Managed)**
Offer high port diversity, Gigabit- and Fast-Ethernet, 4-25 ports (OpenRail: RS20, RS30, RS40).
- Workgroup Switches**
Primarily designed for the control room environment and the verge of the office world. (MACH100)
- Power Over Ethernet**
PoE - power distribution through the data cable from the rail to the backbone.
- Fast/Gigabit Ethernet Control Cabinet Switches**
19" Ruggedized Switches
Designed for extremely high demands with regard to shock and vibration resistance as well as electromagnetic
- Precision Time Protocol (PTPv2)**
PTP makes extremely precise clock synchronization possible in the sub-microsecond area over Ethernet networks



3. Como localizar catálogos dos produtos?

Ex: RS20-0400M2M2SDAE

- Entrar no site oficial
- http://www.hirschmann.com/en/Hirschmann_Produkte/Industrial_Ethernet/index.phtml
- Digitar no canto direito o código, clicar em “search”

Sites ▾

- Clicar na seta com o círculo em vermelho:

Search results

×

Search in product catalog

Are you looking for a specific product designation or order number? This is where you start the search in our product catalog:

- Aparecerá a tela:

Search Results

Families	Products
	Compact OpenRail Fast Ethernet Switch 4-24 ports, 1-2 fiber ports (RS20-0400M2M2SDAEPH05.0.)



- Clique no produto em “Products”
- Aparecerá a tela:

Compact OpenRail Fast Ethernet Switch 4-24 ports, 1-2 fiber ports - RS20-0400M2M2SDAEH

Key Features | Complete Feature Set | Downloads | FAQ | Accessories | **Product Configurator**



Description	4 port Fast-Ethernet-Switch, managed, software Layer 2 Enhanced, for DIN rail store-and-forward-switching, fanless design
Type	RS20-0400M2M2SDAEHH05.0.
Order No.	943 434-001
Port type and quantity	4 ports in total; 1. uplink: 100BASE-FX, MM-SC; 2. uplink: 100BASE-FX, MM-SC; 2 x standard 10/100 BASE TX, RJ45
Operating temperature	0 °C - 60 °C
Availability	available

» Add to wish list | **PDF product information**

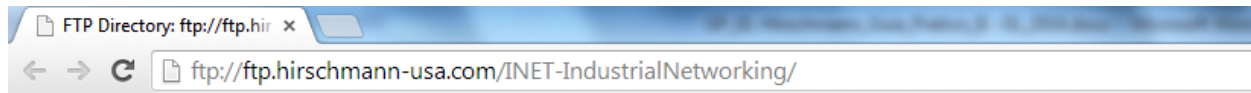
- Clique em: **PDF product information**



4. Site FTP

<ftp://ftp.hirschmann-usa.com/INET-IndustrialNetworking/>

Pode ter acesso aos Catálogos, Manuais, Treinamentos online, apresentações, softwares, configuradores e outras ferramentas.



<ftp://ftp.hirschmann-usa.com/INET-IndustrialNetworking/>

Parent Directory

[DIR] Catalogs	Jan 21 2013
[DIR] Drawings-AutoCAD-Visio	Jun 17 2010
[DIR] EthernetIP	Aug 5 2011
[DIR] Firmware	Dec 18 08:50
[DIR] Manuals	Dec 18 08:51
[DIR] MIPP Information	May 21 2013
[DIR] Software	Sep 16 08:25
[DIR] Standards&Approvals	Jul 25 2012
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5. Última versão do Catálogo

<ftp://ftp.hirschmann-usa.com/INET-IndustrialNetworking/Catalogs/>



Leading Networking Solutions for
Industrial & Mission Critical Applications



Edition 10

**Be certain.
Belden.**

**Hirschmann™ Networking
Equipment Maximizes
Throughput, Simplifies
Installation, and Reduces
Total Cost of Ownership**



6. Configurador online

http://www.hirschmann.com/en/Hirschmann_Produkte/Industrial_Ethernet/index.phtml

Clique no switch que deseja configurar até que a tela similar apareça

Compact OpenRail Fast Ethernet Switch 4-24 ports, 1-2 fiber ports - RS20-0400M2M2SDAEH

Key Features Complete Feature Set Downloads FAQ Accessories **Product Configurator**




Description	4 port Fast-Ethernet-Switch, managed, software Layer 2 Enhanced, for DIN rail store-and-forward-switching, fanless design
Type	RS20-0400M2M2SDAEHH05.0
Order No.	943 434-001
Port type and quantity	4 ports in total; 1. uplink: 100BASE-FX, MM-SC; 2. uplink: 100BASE-FX, MM-SC; 2 x standard 10/100 BASE TX, RJ45
Operating temperature	0 °C - 60 °C
Availability	available

[Add to wish list](#) [PDF product information](#)

Clique em **Product Configurator** e a tela similar aparecerá

Configurator



Compact OpenRail Fast Ethernet Switch 4-24 ports, 1,2 fiber ports - RS20-0400M2M2SDAEHH05.0.

Input a product code
RS20- [»](#)

9,072 Variants

Design RS20 - compact, Fast-Ethernet Upl »	Number of Fast Ethernet ports -- Please select a value -- -- Please select a value -- 04 - 04 x 10/100 Mbit	Number of Gigabit Ethernet ports -- Please select a value --	Type 1 uplink port -- Please select a value --
Type 2 uplink port -- Please select a value --	08 - 08 x 10/100 Mbit 16 - 16 x 10/100 Mbit 24 - 24 x 10/100 Mbit	Power supply -- Please select a value --	Approvals -- Please select a value --
Software version -- Please select a value --	Configuration -- Please select a value --	OEM type -- Please select a value --	Software release -- Please select a value --

All specifications in the configurators are subject to change without notice. Product configurations need to be acknowledged with an official confirmation of order by Belden Inc.



7. Interface WEB de configuração dos switches

[ftp.hirschmann-usa.com/INET-IndustrialNetworking/Software/Archive/Offline Web Interface/](http://ftp.hirschmann-usa.com/INET-IndustrialNetworking/Software/Archive/Offline%20Web%20Interface/)

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Permite simular uma configuração do switch MACH1000 e RS20



8. Acesso remoto às configurações dos switches

Permite visualizar o laboratório onde estão instalados os equipamentos abaixo através da câmera e verificar todas configurações dos switches:

IP	Equipamento
http://82.141.17.144/	Camera para visualizar laboratório
http://82.141.17.131	MACH4000
http://82.141.17.143	MACH1000
http://82.141.17.142	MACH100
http://82.141.17.133	Power Mice
http://82.141.17.134	MS30
http://82.141.17.136	MS20
http://82.141.17.138	OCTOPUS
http://82.141.17.135	RSR30
http://82.141.17.139	RS20-24
http://82.141.17.137	RS20-04
http://82.141.17.141	EAGLE20
http://82.141.17.140	BAT54-Rail



9. Industrial Hivision para monitoramento de rede

<ftp.hirschmann-usa.com/INET-IndustrialNetworking/Software/Industrial Hivision/>
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Treinamento online do software:

The screenshot displays the Industrial HiVision software interface. The main window shows a network topology map with various devices connected. The devices include Eagle TX/TX, CompactLogix, PanelView Plus 600, RAIL RS20 24-port, RAIL RS20 4-port, MICE MS20 Modular 8-port, Laptop 192.168.0.200, PowerFlex 40, Point I/O, and ArmorPoint I/O. The map shows connections between these devices, with a red dashed line indicating a specific path or connection. The interface also includes a menu bar, a toolbar, and a status bar.

Below the network map, there is an event log table with the following data:

ID	Ack.	Type	Category	Time	User	Source	Component	Message
894	<input type="checkbox"/>	✖	Status worse	8/23/06 3:37:58 PM	SYSTEM	ArmorPoint I/O	Protocols/Protocol	Status impairment: Error (Reachability=No)
893	<input type="checkbox"/>	✖	Status worse	8/23/06 3:37:28 PM	SYSTEM	MICE MS20 Modular 8-port	Module 1/Port 1.1...	Status impairment: Error (Link=Down)
892	<input type="checkbox"/>	✖	Status worse	8/23/06 3:37:28 PM	SYSTEM	RAIL RS20 24-port	Port 2/Link	Status impairment: Error (Link=Down)
891	<input type="checkbox"/>	⚠	Status worse	8/23/06 3:37:27 PM	SYSTEM	RAIL RS20 4-port	Redundancy Manager	Status impairment: Warning (Redundancy Manager=No Redund...

At the bottom of the interface, there are tabs for "Unacknowledged Errors & Warnings", "Unacknowledged Events", "Warnings & Errors", and "All Events".