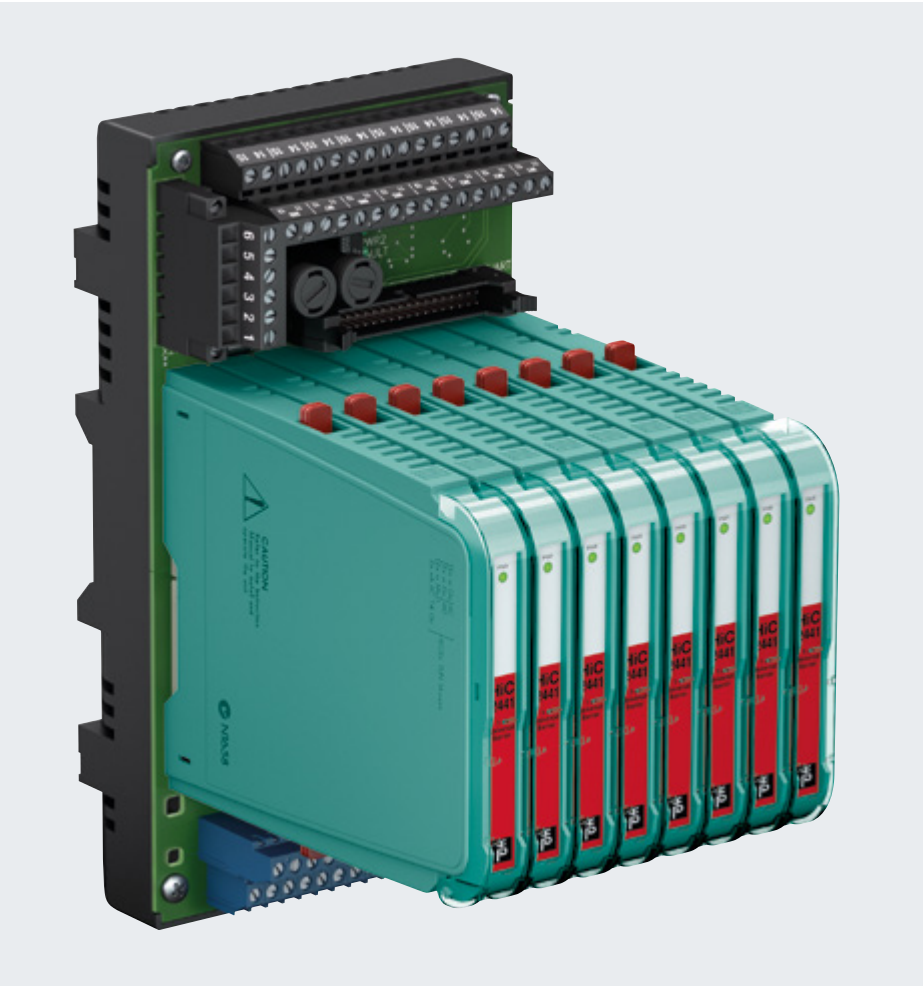
Enhancing project performance. Speeding up commissioning. Simplifying operation.

HiC2441 Universal Barrier

Your automation, our passion.

PEPPERL+FUCHS

HiC2441 Universal Barrier—
A Universal Solution for Any Signal Type



The Universal Barrier offers complete flexibility and sets new standards by automatically adapting to virtually any type of field input signal and DCS/ ESD system I/O.

Start-Up:
Fast, Easy, and Reliable

Fast installation and commissioning without hardware or software adjustments—this is what you can expect from the Universal Barrier from Pepperl+Fuchs. The Universal Barrier can be implemented reliably and error-free since no configuration is necessary. This means it is quick and easy to make changes to the system requirements.

- Fast, easy commissioning without any adjustments to hardware or software
- Reliable, error-free implementation
- System requirements can be changed quickly and easily

Planning and Acceptance:
Standardization with Maximum Flexibility

The Universal Barrier can be used to pre-wire H-System termination boards from Pepperl+Fuchs, regardless of the signal type. This enables use of standardized switch cabinets, which significantly reduces costs for planning, engineering, and configuration and decreases project implementation time.

- High degree of flexibility when planning projects
- Pre-wiring possible regardless of signal type
- Reduces costs for planning, engineering, and configuration
- Marshalling cabinets no longer necessary
- Reduces the error rate and the effort involved in acceptance testing

Benefits at a Glance

	Planning	Installation and Commissioning	Operation	Migration
H-System ■ Stationary wiring ■ System-specific connectors	**Flexible planning** Horizontal and vertical mounting	**Quick and easy commissioning** With pre-wiring and system-specific connectors	**High plant availability** Hot swappable module, wiring does not need to be disconnected during replacement, no loop check necessary after replacement	
HiC2441 with Universal IO-Cards ■ Field signals can be assigned to any modules ■ Signal type can be assigned after hardware installation ■ Use of standardized switch cabinets	**Eliminates wiring time**			
	Less time and effort for engineering and FAT With use of standardized cabinets			
	Quick and easy commissioning No module configuration necessary		**Simplified plant management** Fewer parts	
		Quick and easy commissioning Prefabricated solutions; software reduces time and effort spent on last-minute changes	**Simplified maintenance** No risks with module replacement	**Migration during operation** Changes to plant configuration possible without changing hardware

Ongoing Operation: Increased Efficiency

Always have the right module in stock, reduce your storage costs, and cut maintenance requirements. The Universal Barrier makes daily operation easier and more efficient.

- Simple, tool-free module installation
- Reduction in required maintenance
- Lower storage costs
- Simplified migration during ongoing operation

HiC2441 Universal Barrier Highlights

- Automatically adjusts to the signal type—no configuration required
- Fast, safe, and easy commissioning
- Reduces costs for planning, engineering, and configuration
- Simple, tool-free module installation and reduction in required maintenance

Your automation, our passion.

Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus
- Remote I/O Systems
- Electrical Ex Equipment
- Purge and Pressurization
- Industrial HMI
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Fieldbus Modules
- AS-Interface
- Identification Systems
- Displays and Signal Processing
- Connectivity

Pepperl+Fuchs Quality
Download our latest policy here:

www.pepperl-fuchs.com/quality

PEPPERL+FUCHS

www.pepperl-fuchs.com
Subject to modifications · © Pepperl+Fuchs
Printed in Germany · Part. No. 278078 01/20 01