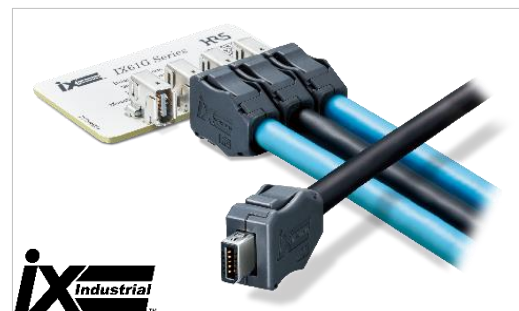

ix Industrial™, is a IEC standard compliant, compact and robust connector, installed in SIEMENS AG servo drive system

HIROSE ELECTRIC CO., LTD. (Hereinafter referred to as HIROSE) is announcing that IEC standard compliant compact ix Industrial™ connector (Hereinafter referred to as IX) is installed in the encoder connection part of the servo drive system developed by SIEMENS AG (Headquarters:Germany).

Selection Reason “Compact, Robust and Easy Assembly Procedure”

- The IX is an compact interface connector for industrial applications which is compliant to IEC standard (IEC 61076-3-124).
- The IX offers an overwhelming compact size compared to conventional connector solutions for industrial applications. The receptacles allow for a parallel 10mm pitch mounting in compact units contributing to size reduction of equipment.
- HIROSE's unique shell design is strong against shock and vibration. It offers 5,000 mating cycles to ensure excellent durability.
- As the efficiency of factories utilizing ICT technology such as “Industry 4.0” is increasing, the IX which can be easily assembled with a small number of parts has been highly evaluated and selected for the SINAMICS S210 servo drive system.

SIEMENS
SINAMICS S210

ix Industrial™

Future Developments

Low profile right angle receptacle will be released.

Corporate Profile and Related Information**■ About HIROSE**

HIROSE Electric, as one of the world's leaders in the connectivity industry, specializes in the challenging development and manufacture of electronic connectors in a wide range of industries, including industrial, automotive, information & communication, medical and consumer electronics particularly for the smartphone. With more than 80 years of experience, HIROSE's expertise is not only miniaturizing, but also high-speed, high-reliability, high-power and advanced manufactory technologies. HIROSE has 28 sales offices globally, 8 manufacturing facilities in 18 different countries, with dedicated teams of over 4,500 professionals generating sales of JPY 125 billion in the 2017/18 fiscal year. Further information is available on the Internet at www.hirose.com

HIROSE ELECTRIC CO., LTD.**Contact: Rie Yamada****Phone: +81-45-620-3575****Email: hrs.info.2c@hirose-gl.com**

■About SIEMENS

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2018, which ended on September 30, 2018, Siemens generated revenue of €83.0 billion and net income of €6.1 billion. At the end of September 2018, the company had around 379,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

■About ix Industrial™

Product Information https://www.hirose.com/product/en/pr/ix_industrial/

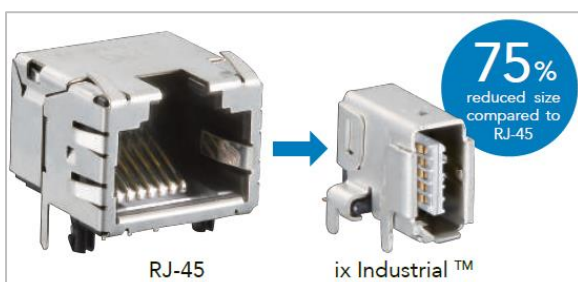
■About SINAMICS S210 Servo Drive System

Product Information

<https://w3.siemens.com/MC/MS/MC-SOLUTIONS/EN/CONVERTERS/LOW-VOLTAGE-CONVERTERS/SINAMICS-S/SINAMICS-S210/PAGES/SINAMICS-S210.ASPX>

Reference: IEC standard compliant, compact Ethernet connector ix Industrial™

- IEC standard compliant (IEC 61076-3-124)
- The ix Industrial offers a reduced size of 75% compared to conventional RJ-45 modular solutions. The receptacles allow for a parallel 10mm pitch mounting.
- HIROSE's unique shell design is strong against shock and vibration. It offers 5,000 mating cycles to ensure excellent durability.
- Cat.6A high-speed Ethernet for 10Gbps transmission.
- Ideal for industrial equipment, telecommunication device and medical equipment.
- Varieties Key varieties : 2 types
 Receptacle : Upright right angle receptacle, Vertical receptacle
 Plug : IDC type, Soldering type



Reduced size of 75% compared to RJ-45



Parallel 10mm pitch mounting

NOTE: ix Industrial is a registered trade mark of HIROSE Electric Co., Ltd.

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