




---

 PRODUCT-DETAILS

# 3BDH000385R0001

## AI 731F Analog Input Module

---

### General Information

Product ID	3BDH000385R0001
ABB Type Designation	AI 731F Rev. A
Catalog Description	AI 731F Analog Input Module
Long Description	<p>The analog input module AI 731F has 8 input channels. Each of these channels can be individually configured depending on its intended usage.</p> <p>Possible applications are sensing a voltage or sensing a current in multiple value ranges, temperature measurement (platinum or nickel resistance thermometers Pt100, Pt1000, Ni1000) in two-, three- or four- wire configuration or sensing of Thermocouple. Configuring the inputs as digital inputs is also possible.</p> <p>This module is usable for PROFIBUS remote I/O and AC 700F / AC 900F direct I/O.</p>

---

### Additional Information

Medium Description	<p>For PROFIBUS Slave and direct I/O. 8 channel analog input module for current, voltage or temperature. 8 AI: Thermocouple and RTD, mV/V, mA, kOhm and 24 VDC 15 Bit + sign, 2-, 3- and 4-wire Use with TU 715F / TU 716F</p>
Product Type	I-O_Module

---

### Ordering

HS Code	853890 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537;Other
Customs Tariff Number	85389099

---

### Dimensions

Product Net Depth / Length	54 mm
Product Net Height	76 mm
Product Net Width	67.5 mm

Product Net Weight 0.13 kg

---

---

### Technical

---

Channel Type	AI
Number of Input Channels	8

---

---

### Environmental

---

RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0

---

---

### Categories

---

Control System Products → I/O Products → S700 I/O → S700 I/O - Modules → AI 731F Analog Input Module → AI 731F Rev.A Analog Input Module