

Allen-Bradley ControlLogix 1756 analog, HART and specialty I/O modules and terminal blocks, catalog number list

49 catalog numbers for Allen-Bradley ControlLogix 1756 analog, HART, counter, limit switch and compute modules, plus removable terminal blocks. Each row gives the channel count and type, the signal voltage or range and, for outputs, the current per point. Letters at the end of a catalog number mark extra features: D = diagnostic, E = electronic fusing, I = individually isolated, S = scheduled or safety, SOE = sequence of events, H = HART, K = conformal coated for harsh, corrosive environments. I/O modules fit any slot of a 1756 ControlLogix chassis, local or remote over EtherNet/IP or ControlNet. Removable terminal blocks (RTBs) are not shipped with the modules and are ordered separately. Ask us for availability, lead time and price for any module below.

Analog I/O modules

ORDER NUMBER	DESCRIPTION	
1756-IF4FX0F2F	4 high-speed differential inputs and 2 high-speed outputs, $\pm 10V$ / 0...20 mA, sub-millisecond	Request a Quote
1756-IF4FX0F2FK	4 high-speed differential inputs and 2 high-speed outputs, $\pm 10V$ / 0...20 mA, sub-millisecond; conformal coated	Request a Quote
1756-IF8	8 single-ended / 4 differential / 2 high-speed differential inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 16-bit	Request a Quote
1756-IF8K	8 single-ended / 4 differential / 2 high-speed differential inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 16-bit; conformal coated	Request a Quote
1756-IF8I	8 isolated voltage or current inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 24-bit	Request a Quote
1756-IF8IK	8 isolated voltage or current inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 24-bit; conformal coated	Request a Quote
1756-IF16	16 single-ended / 8 differential / 4 high-speed differential inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 16-bit	Request a Quote
1756-IF16K	16 single-ended / 8 differential / 4 high-speed differential inputs, $\pm 10V$, 0...10V, 0...5V, 0...20 mA, 16-bit; conformal coated	Request a Quote
1756-IRT8I	8 isolated RTD or thermocouple inputs, 1...4000 Ω or ± 100 mV, 24-bit	Request a Quote
1756-IRT8IK	8 isolated RTD or thermocouple inputs, 1...4000 Ω or ± 100 mV, 24-bit; conformal coated	Request a Quote
1756-IR12	12 RTD inputs, 1...4000 Ω , 24-bit	Request a Quote
1756-IR12K	12 RTD inputs, 1...4000 Ω , 24-bit; conformal coated	Request a Quote
1756-IT16	16 thermocouple inputs, ± 100 mV, 24-bit	Request a Quote
1756-IT16K	16 thermocouple inputs, ± 100 mV, 24-bit; conformal coated	Request a Quote
1756-OF4	4 voltage or current outputs, $\pm 10V$ or 0...20 mA, 15/16-bit	Request a Quote
1756-OF4K	4 voltage or current outputs, $\pm 10V$ or 0...20 mA, 15/16-bit; conformal coated	Request a Quote

ORDER NUMBER	DESCRIPTION	
1756-0F8	8 voltage or current outputs, $\pm 10\text{V}$ or $0\ldots 20\text{ mA}$, 15/16-bit	Request a Quote
1756-0F8K	8 voltage or current outputs, $\pm 10\text{V}$ or $0\ldots 20\text{ mA}$, 15/16-bit; conformal coated	Request a Quote
1756-0F8I	8 isolated voltage or current outputs, $\pm 10\text{V}$, $0\ldots 10\text{V}$, $0\ldots 5\text{V}$, $0\ldots 20\text{ mA}$, 16-bit	Request a Quote
1756-0F8IK	8 isolated voltage or current outputs, $\pm 10\text{V}$, $0\ldots 10\text{V}$, $0\ldots 5\text{V}$, $0\ldots 20\text{ mA}$, 16-bit; conformal coated	Request a Quote

HART analog I/O modules

ORDER NUMBER	DESCRIPTION	
1756-IF8H	8 differential voltage or current inputs with HART, $\pm 10\text{V}$, $0\ldots 10\text{V}$, $0\ldots 5\text{V}$, $1\ldots 5\text{V}$, $0\ldots 20\text{ mA}$, $4\ldots 20\text{ mA}$	Request a Quote
1756-IF8HK	8 differential voltage or current inputs with HART, $\pm 10\text{V}$, $0\ldots 10\text{V}$, $0\ldots 5\text{V}$, $1\ldots 5\text{V}$, $0\ldots 20\text{ mA}$, $4\ldots 20\text{ mA}$; conformal coated	Request a Quote
1756-IF8IH	8 isolated current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$	Request a Quote
1756-IF8IHK	8 isolated current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$; conformal coated	Request a Quote
1756-IF16H	16 differential current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$	Request a Quote
1756-IF16HK	16 differential current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$; conformal coated	Request a Quote
1756-IF16IH	16 isolated current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$	Request a Quote
1756-IF16IHK	16 isolated current inputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$; conformal coated	Request a Quote
1756-0F8H	8 voltage or current outputs with HART, $\pm 10\text{V}$, $0\ldots 20\text{ mA}$, $4\ldots 20\text{ mA}$	Request a Quote
1756-0F8HK	8 voltage or current outputs with HART, $\pm 10\text{V}$, $0\ldots 20\text{ mA}$, $4\ldots 20\text{ mA}$; conformal coated	Request a Quote
1756-0F8IH	8 isolated current outputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$	Request a Quote
1756-0F8IHK	8 isolated current outputs with HART, $0\ldots 20\text{ mA}$ or $4\ldots 20\text{ mA}$; conformal coated	Request a Quote

Specialty and compute modules

ORDER NUMBER	DESCRIPTION	
1756-HSC	High-speed counter, 2 counters with A/B/Z inputs, 4 outputs, up to 1 MHz	Request a Quote
1756-HSCK	High-speed counter, 2 counters with A/B/Z inputs, 4 outputs, up to 1 MHz; conformal coated	Request a Quote
1756-LSC8XIB8I	Low-speed counter, 8 isolated counters up to 40 kHz plus 8 isolated inputs, 12/24V DC	Request a Quote
1756-LSC8XIB8IK	Low-speed counter, 8 isolated counters up to 40 kHz plus 8 isolated inputs, 12/24V DC; conformal coated	Request a Quote
1756-PLS	Programmable limit switch, resolver interface plus 16 inputs and 16 outputs, 3 slots	Request a Quote

ORDER NUMBER	DESCRIPTION	
1756-CMS1B1	Compute module, Windows 10 IoT Enterprise 64 bit, 32 GB SSD, 4 GB memory	Request a Quote

Removable terminal blocks and accessories

ORDER NUMBER	DESCRIPTION	
1756-TBCH	36-pin cage-clamp removable terminal block with standard housing	Request a Quote
1756-TBCHS	36-pin cage-clamp removable terminal block with standard housing, for safety I/O modules	Request a Quote
1756-TBNH	20-position NEMA screw-clamp removable terminal block	Request a Quote
1756-TBNHS	20-position NEMA screw-clamp removable terminal block, for safety I/O modules	Request a Quote
1756-TBSH	20-pin spring-clamp removable terminal block with standard housing	Request a Quote
1756-TBSHS	20-pin spring-clamp removable terminal block with standard housing, for safety I/O modules	Request a Quote
1756-TBS6H	36-pin spring-clamp removable terminal block with standard housing	Request a Quote
1756-TBS6HS	36-pin spring-clamp removable terminal block with standard housing, for safety I/O modules	Request a Quote
1756-TBE	Extended-depth terminal block housing for 2.5 mm ² (14 AWG) wiring	Request a Quote
1756-TBES	Extended-depth terminal block housing, for safety I/O modules	Request a Quote
1756-JMPR	Jumper bar, cut to length, for 1756-LSC8XIB8I nonisolated wiring	Request a Quote

Prepared by GEARWELL, 2026-10-14. Allen-Bradley, ControlLogix, GuardLogix and Rockwell Automation are trademarks of Rockwell Automation, Inc. GEARWELL is an independent supplier and is not affiliated with or authorized by Rockwell Automation. Catalog numbers and specifications are taken from ControlLogix I/O Modules Specifications Technical Data, Rockwell Automation publication 1756-TD002U-EN-E (September 2026), pages 169...270. They are given for identification; confirm the full catalog number and series with the module label before ordering. Official documentation: literature.rockwellautomation.com.