MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Amikon cover with selected official ABB pages

S800 I/O

AO820 3BSE008546R1

FOUR CHANNEL ANALOG OUTPUT MODULE

OFFICIAL SOURCES

ABB Freelance DCS Product Catalog. Selected pages retain their original content, color and aspect ratio.

Name	Short Description	Article No.
AI893	Analog Input 8 channels, temperature measuring. Intrinsic Safety Interface, G3 compliant	3BSC690141R1
	For TC and RTD sensors. Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	
AI895	Analog Input, 1x8 channels with Intrinsic Safety and HART, G3 compliant.	3BSC690086R1
	4..20 mA single ended 0,1%. Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	

5.3.2.2 S800 I/O Analog output modules

Name	Short Description	Article No.
AO810V2	Analog Output, 1x8 channels, 0(4)..20 mA	3BSE038415R1
	0(4)…20 mA, 14 bit RLmax 500/850 Ohm, Rated isolation 50 V. Use module Termination Unit TU810, TU812, TU814, TU830 or TU833.	
AO815	Analog Output, 1x8 channels, HART	3BSE052605R1
	4..20mA, 12bit, 0.1%, RLmax 750 ohm, Rated isol. 50V. Use Module Termination Unit TU810, TU812, TU814, TU830 or TU833.	
AO820	Analog Output, 4x1 channel	3BSE008546R1
	+-20 mA, 0(4)..20 mA, +-10 V, 12 bit+sign. Indiv. isolation channels. RL max 500 Ohm, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	
AO845A	Analog Output, redundant or single, 1x8 channels, HART	3BSE045584R1
	4…20 mA, 12 bit, 0.1%, RLmax 750 ohm, Rated isolation 50 V. Advanced on-board diagnostics. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU842, TU843.	
AO890	Analog Output, 1x8 channels with Intrinsic Safety Interface	3BSC690072R1
	0 (4)..20 mA 0,1%. RL max 750 Ohm Rated isolation 50 V. Use Module Termination Unit TU890 or TU891.	
AO895	Analog Output 1x8 channels with Intrinsic Safety and HART. G3 compliant	3BSC690087R1
	4..20 mA 0,1%. RL max 750 Ohm Rated isolation 50 V. Protection class G3. Use Module Termination Unit TU890 or TU891.	