

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ABB ADVANT S800 I/O

CI830 3BSE013252R1

PROFIBUS-DP COMMUNICATION INTERFACE

Used with the applicable ABB S800 I/O field communication configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB manufacturer documentation

Name	Short Description	Article No.
TU847	Module Termination Unit for 1+1 CI840. Support for non-redundant I/O Vertical mounting of modules. Including: 1x Power Supply Connector 1x TB807 ModuleBus Terminator.	3BSE022462R1
Front label set	FCI / AC 70 / TB Sheet with 12 labels. For CI810, CI820, CI830, and TB820.	3BSC970089R1
Label set, item design	FCI / AC 70 / TB Sheet with 40 labels. For CI810, CI820, CI830, and TB820.	3BSC970091R1
Mounting kit	For vertical mounting of CI801, CI840 and TB840 on a vertical DIN rail	3BSE040749R1
Mounting profile 1800	2 DIN rails and 1 cable duct DIN rail length : 1650mm + 210mm (65") + (8.3")	3BSE049768R1
Al-profile	Al-profile with DIN Rail and Cable Duct, mounting 465 mm (19") DIN rail length 429mm (16,9")	3BSE022255R1
Al-profile	Al-profile with DIN Rail and Cable Duct for RM550, mounting 592 mm (24") DIN rail length 556mm (21,9")	3BSE022256R1

5.3.1.2 Upgrade kit and tool cables

Upgrading of CI801 or CI840A to latest software version are available for download from ABB Library/SolutionsBank.

Item TK212A is cable connecting a PC to CI840A for download of software. CI801 requires items TK212A and FS801K01 for download of software

Name	Short Description	Article No.
TK212A	Tool cable RJ45 (male) to Dsub-9 (female), length 3 m. RJ45 8P8C plug (with shell). Cable : UL2464 26 AWG x 8C.	3BSC630197R1
FS801K01	Service adapter kit Including: 1x Service adapter FS801 1x cable TK802 For connection of CI801 to PC. A cable TK812 is also needed.	3BSE038407R1

5.3.2.4 S800 I/O Digital output modules

Name	Short Description	Article No.
DO810	Digital Output, 24 VDC, 2x8 channels 0.5 A, Short circuit proof, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE008510R1
DO814	Digital Output, current sinking, 2x8 channels 0,5 A, shortcut circuit proof, Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU838.	3BUR001455R1
DO815	Digital Output, 24 VDC, 2x4 channels 2.0 A short circuit proof. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833.	3BSE013258R1
DO818	Digital Output, 24 VDC, 2x16 channels 0.5A, Short circuit proof, Rated isolation 50V Use Module Termination Unit TU818, TU819, TU830.	3BSE069053R1
DO820	Digital Output, Relay, normal open, 8x1 channel 24-230 VAC 3 A, cos phi>0.4, d.c. 42 W, Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831, TU836, TU837.	3BSE008514R1
DO821	Digital Output, Relay, normal closed, 8x1 channel 24-230 VAC 3 A, cos phi>0.4, d.c. 42 W, Rated isolation 250 V. Use Module Termination Unit TU811, TU813, TU831, TU836, TU837.	3BSE013250R1
DO828	DO828 Digital Output, Relay Normally Open, 16x1 channel 5-250VAC and 5-125VDC, max 2A, Rated isolation 250V. Use Module Termination Unit TU851.	3BSE069055R1
DO840	Digital Output, redundant or single, 2x8 channels 24 VDC, 0.5 A. Advanced On-board diagnostics. Rated isolation 50 V. Use Module Termination Unit TU810, TU812, TU814, TU830, TU833, TU842, TU843.	3BSE020838R1
DO890	Digital Output, 4x1 channel with Intrinsic Safety Interface Rated isolation 50 V. Use Module Termination Unit TU890 or TU891.	3BSC690074R1