

ABB AC 800M and S800 I/O

47 catalog numbers for ABB AC 800M controllers, communication interfaces and accessories, and S800 I/O modules and termination units. Ask us for availability, lead time and price for any item below.

AC 800M processor units

ORDER NUMBER	DESCRIPTION	
3BSE031150R1	PM865K02 redundant AC 800M High Integrity processor unit (2 x PM865K01)	Request a Quote
3BSE088385R1	PM857K01 AC 800M High Integrity processor unit, 96 MHz, SIL3	Request a Quote
PM860AK01	AC 800M processor unit PM860A, 48 MHz	Request a Quote
PM861AK01	AC 800M processor unit PM861A, 48 MHz, redundancy capable	Request a Quote
PM865K01	AC 800M High Integrity processor unit PM865, 96 MHz, SIL3	Request a Quote
PM866AK01	AC 800M processor unit PM866A, 133 MHz, 64 MB	Request a Quote
PM891K01	AC 800M processor unit PM891, 450 MHz, 256 MB	Request a Quote

AC 800M communication interfaces, baseplates and accessories

ORDER NUMBER	DESCRIPTION	
3BSE092691R1	CI868A IEC 61850 communication interface for AC 800M	Request a Quote
BC810K02	CEX-bus interconnection unit BC810 package	Request a Quote
CI854AK01	PROFIBUS DP-V1 master interface kit, CI854A with TP854 baseplate	Request a Quote
CI868K01	IEC 61850 communication interface kit for AC 800M	Request a Quote
CI871K01	PROFINET IO interface kit, CI871 with TP867 baseplate	Request a Quote
SB822	Rechargeable external battery unit for AC 800M memory back-up	Request a Quote
TB807	ModuleBus terminator plug	Request a Quote
TP853	Baseplate for CI853, CI855 and CI857 interfaces	Request a Quote
TP854	Baseplate for CI854 / CI854A PROFIBUS DP interface	Request a Quote
TP858	Baseplate for CI858 DriveBus and CI872 MOD5 interfaces	Request a Quote

Power supplies

ORDER NUMBER	DESCRIPTION	
3BSC610065R1	SD832 power supply 24 V DC, 5 A	Request a Quote
SD833	Power supply 24 V DC, 10 A	Request a Quote

S800 I/O digital input modules

ORDER NUMBER	DESCRIPTION	
3BSE013210R1	DI830 S800 digital input with SOE, 16 ch, 24 V d.c.	Request a Quote

ORDER NUMBER	DESCRIPTION	
DI810	S800 digital input, 16 ch, 24 V d.c., current sink	Request a Quote
DI818	S800 digital input, 32 ch, 24 V d.c., current sink	Request a Quote
DI828	S800 digital input, 16 ch, 110 V d.c. / 120 V a.c.	Request a Quote
DI831	S800 digital input with SOE, 16 ch, 48 V d.c.	Request a Quote
DI890	S800 intrinsic-safety digital input, 8 ch, 24 V d.c.	Request a Quote

S800 I/O digital output modules

ORDER NUMBER	DESCRIPTION	
3BSE008510R1	DO810 S800 digital output, 16 ch, 24 V d.c., 0.5 A	Request a Quote
D0814	S800 digital output, 16 ch, 24 V d.c., 0.5 A, current sink	Request a Quote
D0815	S800 digital output, 8 ch, 24 V d.c., 2 A, wire-fault detection	Request a Quote
D0818	S800 digital output, 32 ch, 24 V d.c., 0.5 A	Request a Quote

S800 I/O analog modules

ORDER NUMBER	DESCRIPTION	
3BSE038415R1	AO810V2 S800 analog output, 8 ch, 0(4)-20 mA	Request a Quote
3BSE039293R1	AI880A S800 SIL3 analog input with HART, 8 ch	Request a Quote
3BSE052604R1	AI815 S800 analog input with HART, 8 ch	Request a Quote
3BSE052605R1	AO815 S800 analog output with HART, 8 ch	Request a Quote
AI830A	S800 RTD input, 8 ch, 3-wire	Request a Quote
AI843	S800 thermocouple input for redundancy, 8 ch	Request a Quote
AI845	S800 analog input with HART for redundancy, 8 ch	Request a Quote
AI890	S800 intrinsic-safety analog input, 8 ch	Request a Quote
A0820	S800 isolated analog output, 4 ch	Request a Quote

S800 I/O module termination units and accessories

ORDER NUMBER	DESCRIPTION	
3BSE023607R1	TY801K01 shunt sticks, 8 pcs	Request a Quote
TU810V1	Compact MTU, 50 V, screw terminals	Request a Quote
TU830V1	Extended MTU, 50 V, screw terminals, power distribution and fuse	Request a Quote
TU838	Extended MTU, 50 V, screw terminals, power distribution and fuse	Request a Quote
TU840	MTU for redundant TB840/TB840A, redundant I/O	Request a Quote
TU841	MTU for redundant TB840/TB840A, single I/O	Request a Quote
TU843	Redundant MTU, 50 V, screw terminals (vertical mounting)	Request a Quote
TU845	Redundant MTU, 50 V, screw terminals and shunt sticks (vertical mounting)	Request a Quote
TU847	MTU for redundant CI840/CI840A, single I/O	Request a Quote

Prepared by GEARWELL, 2026-10-14. 800xA is a registered or pending trademark of ABB. GEARWELL is an independent supplier and is not affiliated with or authorized by ABB. Catalog numbers, ratings and specifications are taken from ABB data sheet "AC 800M Controller and Communication interfaces, Outline of all modules", 3BSE063691 en O (2020); ABB data sheet "S800 I/O System, Outline of all modules", 3BSE025986 en N (2018); ABB data sheet "S800 I/O Communication interfaces, Outline of all modules", 3BSE039116 en N (2020); ABB System 800xA "AC 800M 5.1 Controller Hardware" hardware and operation manual, 3BSE036351-510 A; ABB Parts & Repair Services "800xA Parts Flash Sale" new-parts list, 4HZG000080 Rev A (2025); ABB Process Automation Spare Parts "Act NOW! Final Sale" parts list (2023). They are given for identification; confirm the full catalog number with the product label before ordering. Official documentation: library.abb.com.