

Project:
 Project Number: NTNU
 Revision Number: 0
 Folder: Control IT
 Specification: AC800M, S800I/O
 Revision Number:
 Product Catalog: Control IT - AC 800M/C
 Product List ID: 3BSE020706/B

Created: 28-mai-2001
 Revised: 05-jun-2001
 Your Reference:
 Our Reference:
 Qty: 1

Qty	Item Name	ArtNo
2.1.1 Processor Unit		
1	PM860K01 Processor Unit Package including: -PM860, CPU -TP830, Baseplate, width=115 mm -TB850, CEX-bus terminator -TB807, Modulebus terminator -Battery for memory backup (4943013-6)	3BSE018100R1
1	SB821 Battery Unit External DIN-rail mounted battery unit for long backup times including battery Width=85 mm	3BSE018109R1
2.2.2 Serial Interfaces on TP830		
1	TK212 Tool cable RJ45 to Dsub-9 (male), length 3 m	3BSC630167R2
2.4 Profibus-DP		
2	CI851K01 Profibus DP interface Package including: -CI851, Communication Interface -TP851, Baseplate, width = 60 mm	3BSE018101R1
2.6 Expansion of CEX-bus		
1	TB850 CEX-Bus Terminator With 25-pin DB25P male connector. With screw fixing.	3BSC950193R1
3.1 Profibus-DP		
1	CI830 Basic Unit Profibus Communication Interface Including: 1 pce CI830 Profibus DP Communication Interface (cable connector for Profibus not included). 1 pce Diskette with GSD file. 1 pce Reference Manual Memory Maps for CI830.	3BSE021480R1200
4.1.1 Analog Input Modules		
1	AI810 Analog input 1*8 ch. 0(4)..20mA, 0..10V, 12Bit, single ended, 0.1%, Rated isol. 50V	3BSE008516R1
4.1.2 Analog Output Modules		
1	AO810 Analog output 1*8 ch, 0(4)...20mA, 14 bit, RLmax 500/950 Ohms, Rated isol. 50V	3BSE008522R1
4.1.3 Digital Input Modules		



Bill of Material

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1	DI810 Digital Input 24V d.c. 2x8 ch. Rated isolation 50V.	3BSE008508R1
4.1.4 Digital Output Modules		
1	DO810 Digital Output 24 V d.c. 2*8 ch 0.5A, Short circuit proof, Rated isol. 50V	3BSE008510R1
4.2 Module Termination Units		
4	TU830V1 Extended MTU, 2*16 Signal terminals, Rated isol. 50V	3BSE013234R1
5.1 Power supply for AC 800M and S800 I/O		
1	SD821 Power Supply Device a.c. 115/230V, d.c. 24V, 2,5A Width=50 mm	3BSC610037R1
1	SD823 Power Supply Device a.c. 115/230V, d.c. 24V, 10A Width=120 mm	3BSC610039R1
1	Mains Breaker Kit for DIN Rail 115/230V a.c. with input terminals, breaker and 3 fused (6.3A), double output terminals, width=102,5 mm	3BSE022262R1
1	Terminal Group for distribution of 24 V d.c. with 4 double output terminals (without fuse holders/jumpers width=50 mm	3BSE022470R1
1	Terminal Accessories Kit Contains: - 10 jumpers - 10 fuse holders with LED indication - 10 fuses 1A	3BSE022473R1
7 MOUNTING RAILS		
1	Al-profile with DIN rail and Cable Duct for RE820, mounting 719mm (28,3") DIN rail length 683mm (26,9")	3BSE022257R1



Bill of Material

Date: 05-jun-2001

Project:
Project Number: NTNU
Revision Number: 0
Folder: Control IT
Specification: AC800M Control Software
Revision Number:
Product Catalog: Control IT - AC 800M/C
Product List ID: 3BSE020707/B

Created: 28-mai-2001
Revised: 05-jun-2001
Your Reference:
Our Reference:
Qty: 1

Qty	Item Name	ArtNo
1.1 Software Management Program		
1	Software Subscription and Support - 18 months	3BSE022523R1
4.1 Base License (no I/O module support)		
1	Control Sw, ver. 2, Advanced Process Control, no I/O module support included	3BSE022106R1000
4.2 I/O Module Support		
1	Control Sw, ver. 2, Advanced Process Control, support of 12 I/O modules	3BSE022106R1012
4.3 Optional Licenses		
1	License for Fuzzy Control with ControlFuzzyLib, ver. 2	3BSE022096R1



Bill of Material

Date: **05-jun-2001**

Project:
Project Number: NTNU
Revision Number: 0
Folder: Control IT
Specification: AC800M Control Builder
Revision Number:
Product Catalog: Control IT - AC 800M/C
Product List ID: 3BSE020708/B

Created: 28-mai-2001
Revised: 05-jun-2001
Your Reference:
Our Reference:
Qty: 1

Qty	Item Name	ArtNo
1.1 Software Management Program		
1	Software Subscription and Support - 18 months	3BSE022523R1
2 Control Builder Professional		
1	License for Control Builder Professional, version 2	3BSE022751R1



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Date: **05-jun-2001**

Project:
Project Number: NTNU
Revision Number: 0
Folder: Control IT
Specification: OPC licence
Revision Number:
Product Catalog: Control IT - AC 800M/C
Product List ID: 3BSE020709/B

Created: 28-mai-2001
Revised: 05-jun-2001
Your Reference:
Our Reference:
Qty: 1

Qty	Item Name	ArtNo
1.1 Software Management Program		
1	Software Subscription and Support - 18 months	3BSE022523R1
2 Basic License		
1	License for OPC Server, version 2	3BSE022099R1



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Date: 05-jun-2001

Project:
Project Number: NTNU
Revision Number: 0
Folder: Control IT
Specification: Product Box
Revision Number:
Product Catalog: Control IT - AC 800M/C
Product List ID: 3BSE020710/B

Created: 28-mai-2001
Revised: 05-jun-2001
Your Reference:
Our Reference:
Qty: 1

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1 PRODUCT BOX and CD

1	Control IT for AC 800M/C, Product Box Including Control Builder Beginner's Handbook and CD with software version 2.1 CD containing latest revision of: -Control Builder Basic, Standard and Professional -Firmware for AC 800C and AC 800M controllers, SoftController and Advant Controller 250 -OPC Server for Control Network -GSD Import Tool -Utilities -Manuals as pdf-files -Release Notes	3BSE021372R21
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Bill of Material

Date: 05-jun-2001

Project:
Project Number: NTNU
Revision Number: 0
Folder: Operate IT
Specification: Operate IT
Revision Number:
Product Catalog: OperateIT A Products
Product List ID: 3BSE020711/B

Created: 28-mai-2001
Revised: 05-jun-2001
Your Reference:
Our Reference:
Qty: 1

Qty	Item Name	ArtNo
1 Software Management Program		
1	Software Subscription and Support - 18 months	3BSE022523R1
2.1 OperateIT A1.1 - Licenses for First Workplace		
1	OperateIT A1.x for up to 250 tags	3BSE022939R1
3.1 Graphic Builder		
1	Graphic Builder for up to 250 tags	3BSE022975R1
3.2 Libraries		
1	Symbol Factory version 1.3	3BSE019480R1
1	Instrumentation Active X Library	3BSE019481R1
3.3 Historian		
1	Historian, for up to 250 points	3BSE022984R1