FCT640 CONTROLLER
INPUT/OUTPUT MODULES

Bus coupler	
640-160-1AA11	TB20-C, CANopen® slave bus coupler comes with 24 V power supply connector, final bus cover, base module
640-185-1AA11	TB20-C, EtherCAT bus coupler comes with 24 V power supply connector, final bus cover, base module

Digital input modules	
640-210-0AD01	Digital input module – DI 4 x 24 VDC
640-210-0AH01	Digital input module – DI 8 x 24 VDC
640-210-0CC01	Digital input module – DI 3 x 24 VDC, 3-wire
640-210-0CF21	Digital input module – DI 6 x 24 VDC, 3-wire

Digital output modules	
640-220-0AD01	Digital output module – DO 4 x 24 VDC, 500 mA
640-220-0AH01	Digital output module – DO 8 x 24 VDC, 500 mA
640-220-7AD01	Digital output module – DO 4 x 24 VDC, 700 mA, HF
640-220-7AH01	Digital output module – DO 8 x 24 VDC, 700 mA, HF
640-220-0BB01	Digital output module – DO 2 x 24 VDC, 2 A
640-220-0BD01	Digital output module – DO 4 x 24 VDC, 2 A

Digital mix modules	
640-230-0AH01	Digital mix module – DIO 4 x In/4 x Out 24 VDC, 500 mA

Analog input modules	
640-250-7BB01	Analog input module – AI 2 x I, 0/4–20 mA, ±20 mA, Iso., 16 Bit
640-250-7BD01	Analog input module – AI 4 x I, 0/4–20 mA, ±20 mA, Iso., 16 Bit
640-250-7BH21	Analog input module – AI 8 x I, 0/4-20 mA, ±20 mA, Iso., 16-bit
640-252-7BB01	Analog input module – AI 2 x U, ±10 V, 0–10 V, 1–5 V, Iso., 16 Bit
640-252-7BD01	Analog input module – AI 4 x U, ±10 V, 0–10 V, 1–5 V, Iso., 16 Bit
640-252-7BH21	Analog input module – AI 8 x U, ±10 V, 0–10 V, 1–5 V, Iso., 16-bit
640-252-4CB01	Analog input module – AI 2 x U, ±24 V, 0–24 V, 12 Bit
640-252-4CD01	Analog input module – AI 4 x U, ±24 V, 0–24 V, 12 Bit
640-253-4AB01	Analog input module – AI 1/2 x R, RTD, 16 Bit, 2/3/4-wire
640-253-4AD01	Analog input module – AI 2/4 x R, RTD, 16 Bit, 2/3/4-wire
640-253-4BH21	Analog input module – AI 8 x R, RTD, 16-bit, 2-wire
640-254-4AB02	Analog input module – AI 2 x TC, Iso., 16 Bit
640-254-4AD02	Analog input module – AI 4 x TC, Iso., 16 Bit
640-254-4AH22	Analog input module – AI 8 x TC, Iso., 16-bit ±80 mV

Analog output modules	
640-260-4AB01	Analog output module – AO 2 x I, 0/4–20 mA, 12 Bit
640-260-4AD01	Analog output module – AO 4 x I, 0/4–20 mA, 12 Bit
640-261-4AB01	Analog output module – AO 2 x U, ±10 V, 0–10 V, 1–5 V, 12 Bit
640-261-4AD01	Analog output module – AO 4 x U, ±10 V, 0–10 V, 1–5 V, 12 Bit

Function modules

Counters	
640-300-7AA01	Function module – 1 x counter 24 V, 500 kHz, 32 Bit
640-310-7AA01	Function module – 1 x counter 5 V (RS422), 4 MHz, 32 Bit
SSI Encoder Interface	
640-320-7AA01	Function module – 1 x SSI encoder interface

Communication modules

Serial interface	
640-400-7BA31	Communication module – RS-232 serial interface

System modules

Power and Isolation Module	
640-710-0AA01	System module – Power and isolation module 24 VDC, 8 A

Potential distributors

640-720-0AH01	System module – Potential distributor 9 x 24 VDC
640-720-0BH01	System module – Potential distributor 9 x GND
640-720-0CH01	System module – Potential distributor 10 x AUX
640-720-0DH01	System module – Potential distributor 4 x 24 VDC + 4 x GND
640-720-0XH01	System module – Potential distributor 9 x free pot.

Power module

640-700-0AA01	System module – 24 VDC power module

Spare parts / Accessories

Base modules	
640-900-9AA01	Base module, standard,14 mm-width (set of five, spare part)
640-900-9AA21	Base module, 25 mm-width (set of five, spare part)
640-900-9BA01	Base module, for power and isolation module (set of five, spare part)
640-900-9CA01	Base module, for power module or bus coupler (set of five, spare part)
Front connectors, Final Bus Cover, TB20 Label Package, Mini-USB Cable	
640-910-9AJ01	10-terminal front connector (set of five, spare part)
640-910-9AT21	20-terminal front connector (set of five, spare part)
640-920-9AA01	Final bus cover (set of five, spare part)
640-980-9AA01	TB20 label package
700-755-8VK11	Mini-USB cable
TB20 Starter Kit	
640-990-STRT2	TB20 starter kit, CANopen® Slave