MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

A5E01568887

SIMATIC PCS 7 CHANNEL FUSE PACKAGE

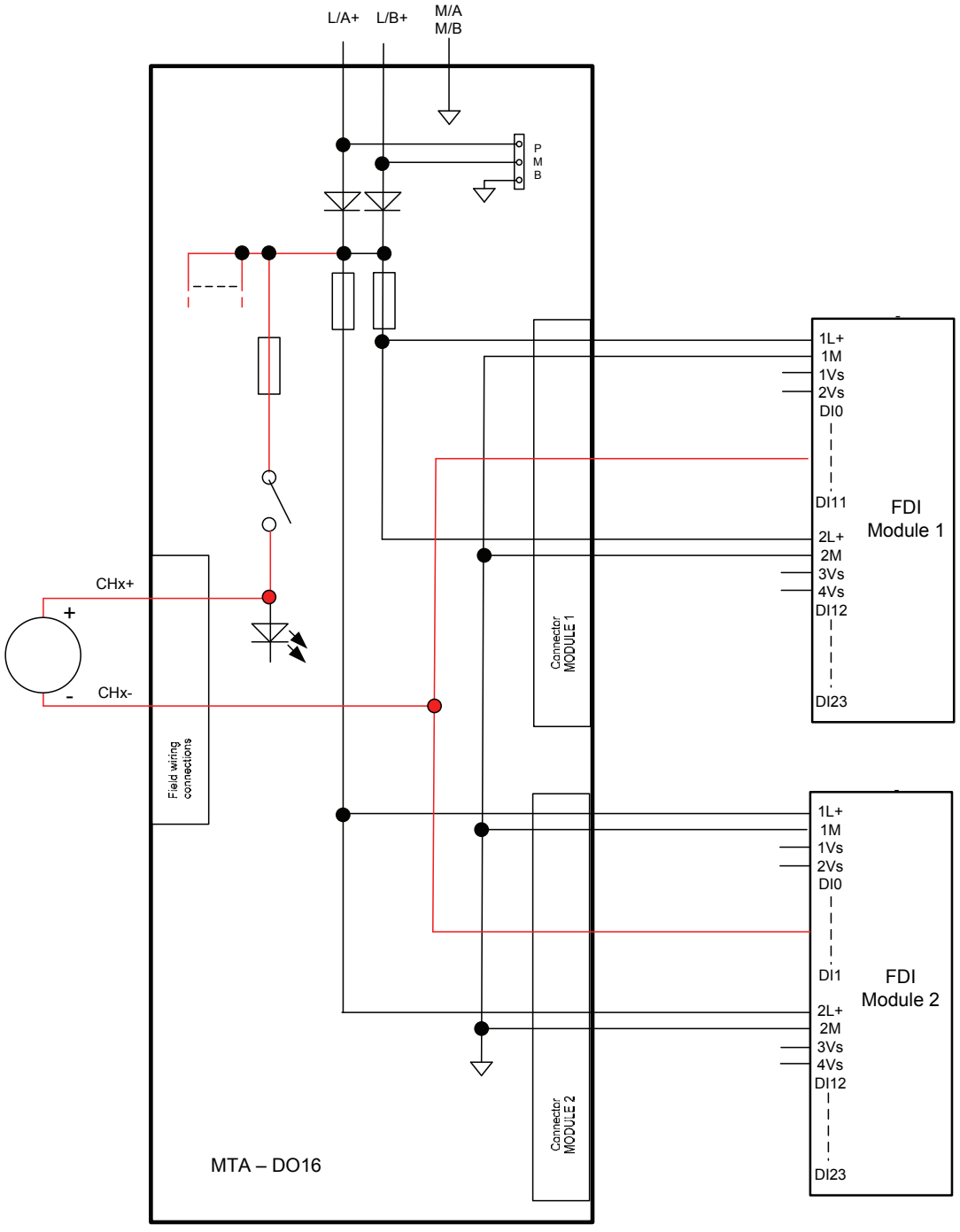
Used with the applicable SIMATIC PCS 7 MTA accessories configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

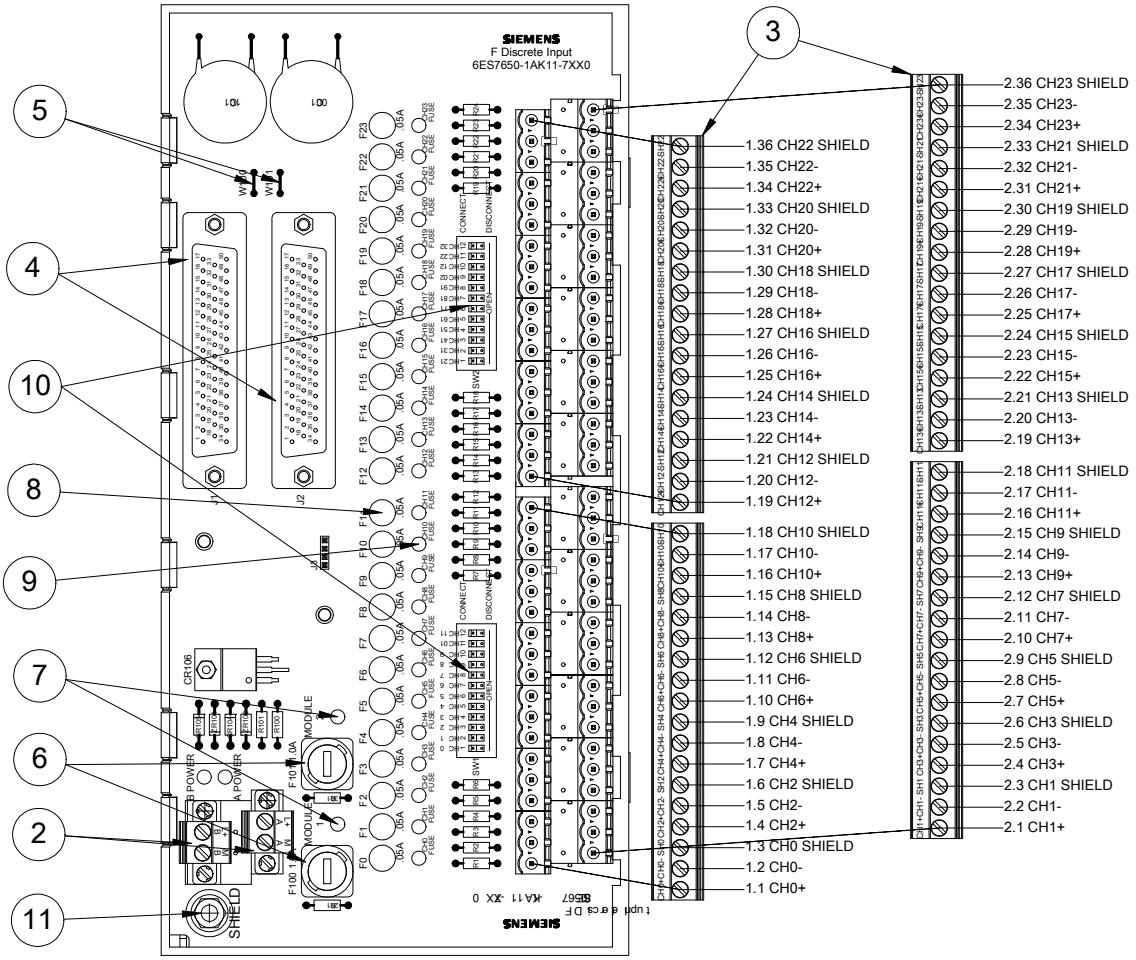
Source: Siemens manufacturer documentation


L/A+
L/B+
M/A
M/B
P
M
B
1L+
1M
1Vs
2Vs
DI0
DI11
2L+
2M
3Vs
4Vs
DI12
DI23
FDI
Module 1
CHx+
+
-
CHx-
Field wiring connections
Connector MODULE 1
1L+
1M
1Vs
2Vs
DI0
DI1
2L+
2M
3Vs
4Vs
DI12
DI23
FDI
Module 2
Connector MODULE 2
MTA – DO16

13.7 12/24-Channel, 24 VDC F Discrete Input Marshalled Termination Assembly

The figure below shows the basic parts of the 12/24-Channel, 24 VDC F Discrete Input MTA.

Figure 13-2 12/24-Channel, 24 VDC F Discrete Input Marshalled Termination Assembly (6ES7650-1AK11-7XX0 or 6ES7650-1AK10-7XX0)



Key to numbered items in Figure 13-:	
Item	**Description**
1	Input power connections
2	Input power indicators
3	Field wiring connections
4	I/O module connections
5	Shield disconnect jumpers (W100 & W101)
6	Module power fuses
7	Module power indicators
8	Channel power fuse (1 of 24)
9	Channel power indicator (1 of 24)
10	Channel power disconnect switches (SW1 & SW2)
11	Shield Ground Stud for connecting to earth ground

Switch **Off** the channel power disconnect switches to disconnect field power for the channel.

13.8 Technical Specifications

Technical Specifications: 12/24-Channel, 24 VDC F Discrete Input MTA (6ES7650-1AK11-7XX0 or 6ES7650-1AK10-7XX0)	
Dimensions - See Section 1, Figure 1.3, Long Version	
Mounting	
DIN Rail	35mm (deep top hat style)
Power Input	
Voltage Input for Single or Redundant Feed	21.6 to 28.8 VDC
Current Consumption (nominal ratings)	
All inputs at +24 VDC	1.482 A maximum
All inputs at 0 VDC	1.002 A maximum
Power Dissipation (typical)	3 W
Terminal Block Wire Sizes	TB100 & TB101
Wire Size – US	24 – 14 gauge AWG
Wire Size – Metric	0,205 – 2,08 mm sq.
Power Supply Specifications	See Module Specs
Fuse Ratings	
Individual channel	0.05 A (Littelfuse P/N: 273.050) (Siemens Spare P/N: A5E01568887)
Module Power	1.0 A (Bussmann P/N: GMA-1.0A) (Siemens Spare P/N: A5E01568882)
Indicators	
Input Power	Green LED on when input power available
Module Power	Green LED on when Module power available
Channel Power	Green LED on when sensor power available