



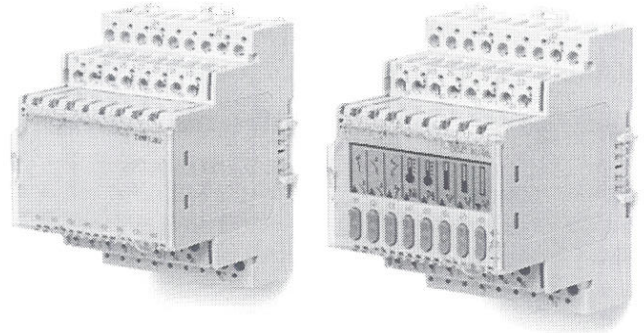
**COMPONENT-MATERIAL
ENGINEERING SPECIFICATION**

Part No.	850-000-(113-114)	REV
Ref. Code	402	00
U.O.M.	EA	
Engg. Ref.	BAS	

Part Description : DIRECT DIGITAL CONTROLLER

**VENDOR : SIEMENS
PRODUCT FAMILY : DESIGO
MODEL AND PART NO.**

TXM1.8U	850-000-113
TXM1.8U-ML	850-000-114



TX-I/O™

TO BE USED WITH PXC...-U CONTROLLERS

Universal modules

**TXM1.8U
TXM1.8U-ML**

Technical data

Supply (bus connector on side)	Operating voltage Extra low voltage SELV or PELV in accordance with HD384 Max. power consumption	DC 22.5 ... 26 V TXM1.8U 1.5 W TXM1.8U-ML 1.8 W (for the sizing of power supplies, see CM110562)
Protection	All terminals of the modules Bus connector on side	Against shortcut and incorrect wiring with AC / DC 24 V No protection!
Field devices Insulation resistance	The of the connected field devices against mains voltage must comply with the requirements for safety extra-low voltage (SELV) or protection by extra-low voltage (PELV) as per HD 384.	
Measuring cables	Cable material Cable cross section Permitted cable length	Solid or stranded copper wire See manual CM110562 max. 300 m
AC/DC output (field supply) (⚡, Terminals 7, 15, 24, 32)	Voltage Admissible current per module Fuse	AC / DC 12 ... 24 V Max. 4 A (total for all 4 terminals) T 10A, in power supply module/bus connection module



ALL DIMENSIONS ARE IN mm				SHEET 1 of 2		SCALE : N.T.S	
Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031				WRITER	MCM		
				INITIATOR	MCM		
				ENG. CHECK	M.MONEM		
				VERIFIED	RIAZ SATTAR		
				APPROVED	RIAZ SATTAR		
				Issue Date	10-06-2008		
REV	Revision Details			Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\850-000-(113-114)

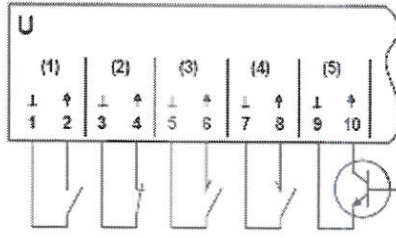


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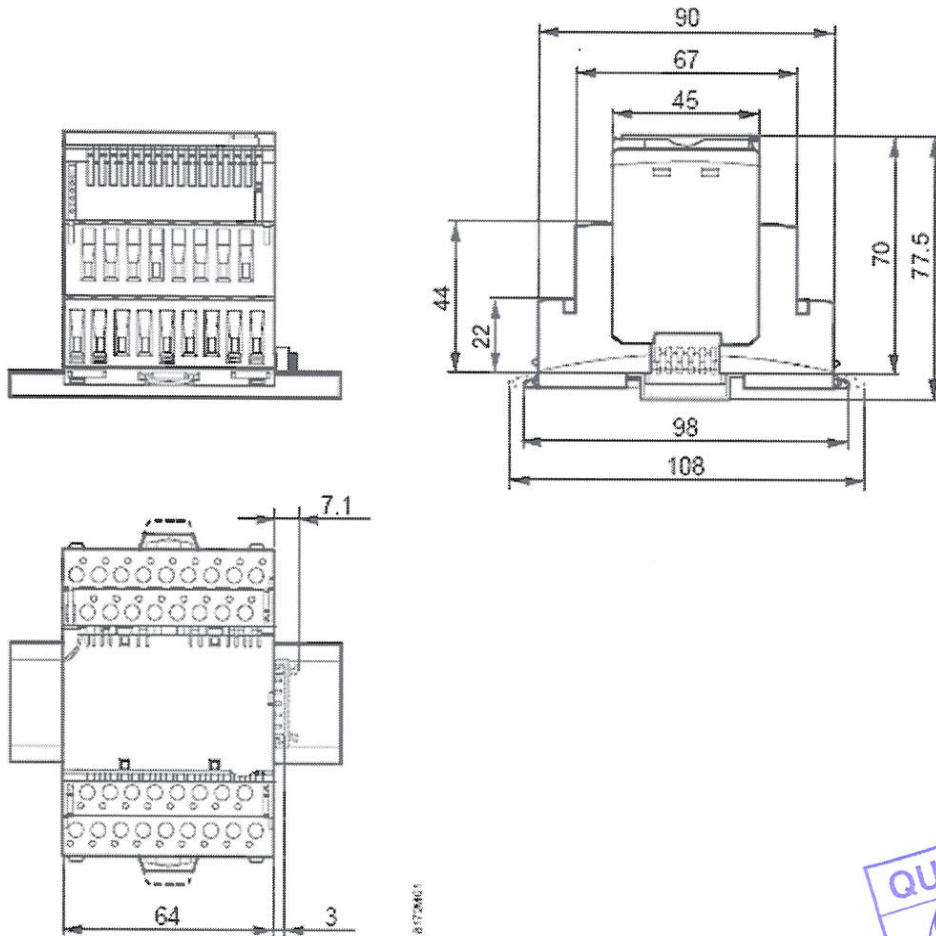
Connection diagrams (examples)



- U Digital input module
- K1 Status contact (N/O)
- K2 Status contact (N/C)
- K3 Pulse contact (N/O)
- K4 Pulse contact (N/C)
- S5 Electronic switch

Dimensions

Dimensions in mm



QUALIFIED
28/7/08
DATE

ALL DIMENSIONS ARE IN mm				SHEET 2 of 2		SCALE : N.T.S	
Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031				WRITER	MCM		
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