



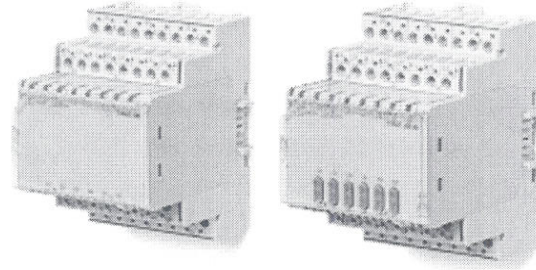
**COMPONENT-MATERIAL
ENGINEERING SPECIFICATION**

Part No.	850-000-(121-122)	REV
Ref. Code	402	00
U.O.M.	EA	
Engg. Ref.	BAS	

Part Description : **DIRECT DIGITAL CONTROLLER**

VENDOR : SIEMENS
PRODUCT FAMILY : DESIGO
MODEL :

TXM1.6R	850-000-121
TXM1.6R-M	850-000-122



TX-10™
Relay modules

TXM1.6R
TXM1.6R-M

TO BE USED WITH PXC...-U CONTROLLERS

Technical data

Supply (bus connector on side)	Operating voltage	DC 22.5 ... 26 V
	Extra low voltage SELV or PELV in accordance with HD384	
	Max. power consumption	TXM1.6R 1.7 W TXM1.6R-M 1.9 W
(for the sizing of power supplies, see CM110562)		
Switching outputs	Number of switching outputs	6 (changeover contact)
	External fuse protection for incoming cable	
	• Slow blow fusible link	Max. 10 A
	• Circuit breaker	Max. 13 A
	Circuit breaker tripping characteristic	Type B, C or D to EN 60898
Contact data	AC/DC switching voltage	max. AC 250 V / DC 30 V min. AC / DC 12 V
	AC current rating	Max. 4 A resistive, 3 A inductive Min. 1 mA at AC 250 V Min. 10 mA at AC 12 V
	DC current rating	3 FLA, 9 LRA, 1/4 HP, 3 (3) A Max. 3 A resistive at DC 30 V Min. 10 mA resistive at DC 12V
	Current on make	Max. 10 A (1 s)
	Response / dropout time	7 ms / 3 ms typical
	Service life of contact for AC 250 V (guide values)	
	With 0.1 A resistive	1 x 10 ⁷ switching operations
	With 0.5 A resistive	3 x 10 ⁶ switching operations
	With 4.0 A resistive (N/O)	2 x 10 ⁵ switching operations
	Reduction factor with inductive load	0.85 (cos phi = 0.6)
Insulation resistance	Reinforced insulation between relay outputs and system electronics	AC 3750 V, to EN 60 730-1
	Mixed voltages (AC 250 V mains voltage and SELV/PELV 24 V) are permitted on adjacent I/O points of the module	
Cable length	Cable material	Solid or stranded copper wire
	Permissible cable length	1,000 m
	Minimum wire diameter	0.6 mm, for details see CM110562

QUALIFIED
 28/7/08
 DATE

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-(121-122)



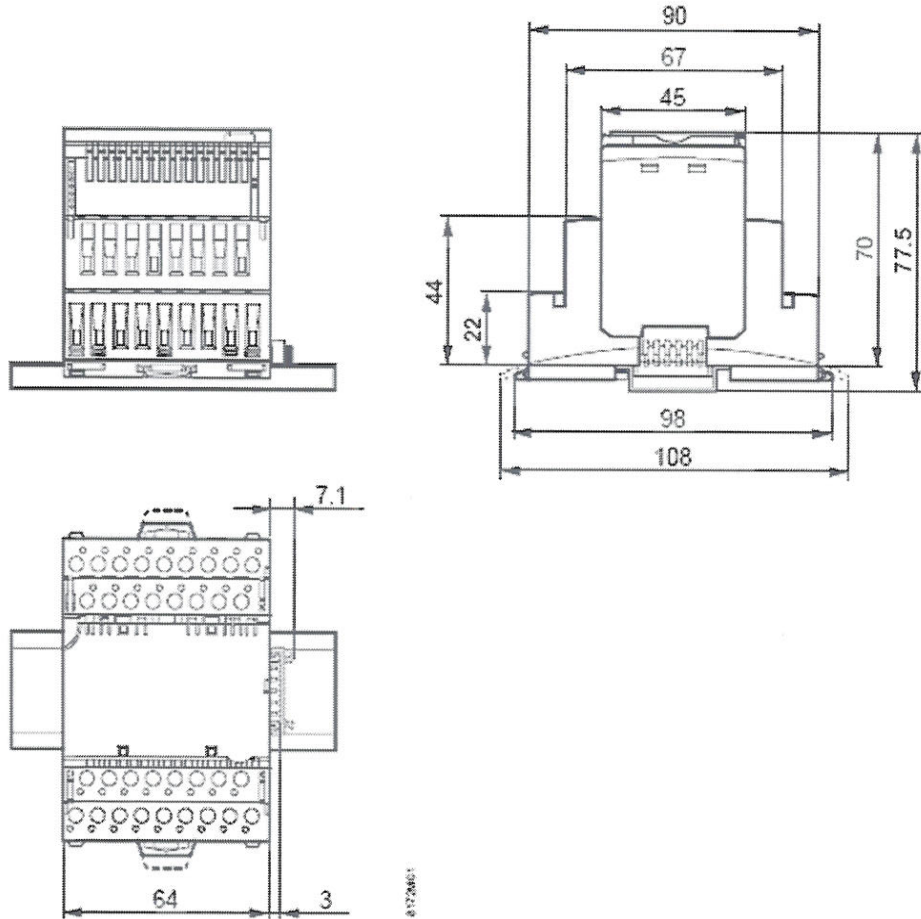
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Part Description : DIRECT DIGITAL CONTROLLER

Dimensions

Dimensions in mm



QUALIFIED
28/10/08
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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