Terminal diagram 1MRK 002 235-AA

REC 580 *3.0, Central Rack CR01 including HMI with possible configurations using CRB01 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
Basic 1)		C01	Power Supply Module 500PSM02	8
		C01	Power Supply Module 500PSM03	8
1)		C04	Processbus MBA02	9
		C04	Binary Input Module BIM01	25
		C04	Binary Output Module BOM01	26
Basic		C05	Central Processing Module CPU03	9
1)		C05:5C	Serial Communication LON	11
		C05:5C	Serial Communication MVB	11
		C05:5D	Serial Communication MVB	11
1)		C06	Star Coupler Module SCM01	11
		C06	Binary Input Module BIM01	25
		C06	Binary Output Module BOM01	26
1)		C08	Star Coupler Module SCM01	11
		C08	Binary Input Module BIM01	25
		C08	Binary Output Module BOM01	26
1)		C09	Star Coupler Module SCM01	11
		C09	Binary Input Module BIM01	25
		C09	Binary Output Module BOM01	26

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C10	Star Coupler Module SCM01	11
		C10	Binary Input Module BIM01	25
		C10	Binary Output Module BOM01	26
1)		C11	Star Coupler Module SCM01	11
		C11	Binary Input Module BIM01	25
		C11	Binary Output Module BOM01	26
1)		C12	Star Coupler Module SCM01	11
		C12	Binary Input Module BIM01	25
		C12	Binary Output Module BOM01	26
		C12	Insulating Transducer Module ITM02	23,24
1)		C13	Star Coupler Module SCM01	11
		C13	Binary Input Module BIM01	25
		C13	Binary Output Module BOM01	26
		C13	Transformer Module MTM02	13-19
1)		C14	Star Coupler Module SCM01	11
		C14	Binary Input Module BIM01	25
		C14	Binary Output Module BOM01	26

1) Only one choice in each position.

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REC 580 *3.0, Central Rack CR01 including HMI with possible configurations using CRB01 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C15	Star Coupler Module SCM01	11
		C15	Binary Input Module BIM01	25
		C15	Binary Output Module BOM01	26
		C15	Analog Input Module AIM02	11
1)		C16	Star Coupler Module SCM01	11
		C16	Binary Input Module BIM01	25
		C16	Binary Output Module BOM01	26
		C16	Insulating Transducer Module ITM02	23,24
1)		C17	Star Coupler Module SCM01	11
		C17	Binary Input Module BIM01	25
		C17	Binary Output Module BOM01	26
		C17	Transformer Module MTM02	13-19

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C18	Star Coupler Module SCM01	11
		C18	Binary Input Module BIM01	25
		C18	Binary Output Module BOM01	26
1)		C19	Star Coupler Module SCM01	11
		C19	Binary Input Module BIM01	25
		C19	Binary Output Module BOM01	26
		C19	Analog Input Module AIM02	11
1)		C20	Power Supply Module 500PSM02	8
		C20	Power Supply Module 500PSM03	8

1) Only one choice in each position.

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REC 580 *3.0, Central Rack CR02 including HMI with possible configurations using CRB02 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
Basic 1)		C01	Power Supply Module 500PSM02	8
		C01	Power Supply Module 500PSM03	8
1)		C04	Processbus MBA02	9
		C04	Binary Input Module BIM01	25
		C04	Binary Output Module BOM01	26
Basic		C05	Central Processing Module CPU03	9
1)		C05:5C	Serial Communication LON	11
		C05:5C	Serial Communication MVB	11
		C05:5D	Serial Communication MVB	11
1)		C06	Star Coupler Module SCM01	11
		C06	Binary Input Module BIM01	25
		C06	Binary Output Module BOM01	26
1)		C07	Binary Input Module BIM01	25
		C07	Binary Output Module BOM01	26
1)		C08	Star Coupler Module SCM01	11
		C08	Binary Input Module BIM01	25
		C08	Binary Output Module BOM01	26

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C09	Star Coupler Module SCM01	11
		C09	Binary Input Module BIM01	25
		C09	Binary Output Module BOM01	26
1)		C10	Star Coupler Module SCM01	11
		C10	Binary Input Module BIM01	25
		C10	Binary Output Module BOM01	26
1)		C11	Star Coupler Module SCM01	11
		C11	Binary Input Module BIM01	25
		C11	Binary Output Module BOM01	26
1)		C12	Star Coupler Module SCM01	11
		C12	Binary Input Module BIM01	25
		C12	Binary Output Module BOM01	26
1)		C13	Star Coupler Module SCM01	11
		C13	Binary Input Module BIM01	25
		C13	Binary Output Module BOM01	26
1)		C14	Star Coupler Module SCM01	11
		C14	Binary Input Module BIM01	25
		C14	Binary Output Module BOM01	26
		C14	Insulating Transducer Module ITM02	23,24

1) Only one choice in each position.

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REC 580 *3.0, Central Rack ER02 including HMI withpossible configurations using CRB02 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C15	Star Coupler Module SCM01	11
		C15	Binary Input Module BIM01	25
		C15	Binary Output Module BOM01	26
		C15	Transformer Module MTM02	13-19
1)		C16	Star Coupler Module SCM01	11
		C16	Binary Input Module BIM01	25
		C16	Binary Output Module BOM01	26
1)		C17	Star Coupler Module SCM01	11
		C17	Binary Input Module BIM01	25
		C17	Binary Output Module BOM01	26
		C17	Analog Input Module AIM02	11
1)		C18	Star Coupler Module SCM01	11
		C18	Binary Input Module BIM01	25
		C18	Binary Output Module BOM01	26
		C18	Insulating Transducer Module ITM02	23,24

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
1)		C19	Star Coupler Module SCM01	11
		C19	Binary Input Module BIM01	25
		C19	Binary Output Module BOM01	26
		C19	Transformer Module MTM02	13-19
1)		C20	Star Coupler Module SCM01	11
		C20	Binary Input Module BIM01	25
		C20	Binary Output Module BOM01	26
1)		C21	Star Coupler Module SCM01	11
		C21	Binary Input Module BIM01	25
		C21	Binary Output Module BOM01	26
		C21	Analog Input Module AIM02	11

1) Only one choice in each position.

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REC 580 *3.0, Extension Rack ER01 with possible configurations using CRB01 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
Basic 1)		E01	Power Supply Module 500PSM02	8
		E01	Power Supply Module 500PSM03	8
		E12	Insulating Transducer Module ITM02	23,24
		E13	Transformer Module MTM02	13-19
		E15	Analog Input Module AIM02	11
		E16	Insulating Transducer Module ITM02	23,24
		E17	Transformer Module MTM02	13-19
		E19	Analog Input Module AIM02	11
1)		E20	Power Supply Module 500PSM02	8
		E20	Power Supply Module 500PSM03	8

REC 580 *3.0, Extension Rack ER02 with possible configurations using CRB02 Backplane

Selected Option (X)		Position	Module	Sheets from 1MRK 002235-AA
Basic 1)		E01	Power Supply Module 500PSM02	8
		E01	Power Supply Module 500PSM03	8
		E14	Insulating Transducer Module ITM02	23,24
		E15	Transformer Module MTM02	13-19
		E17	Analog Input Module AIM02	11
		E18	Insulating Transducer Module ITM02	23,24
		E19	Transformer Module MTM02	13-19
		E21	Analog Input Module AIM02	11

1) Only one choice in each position.

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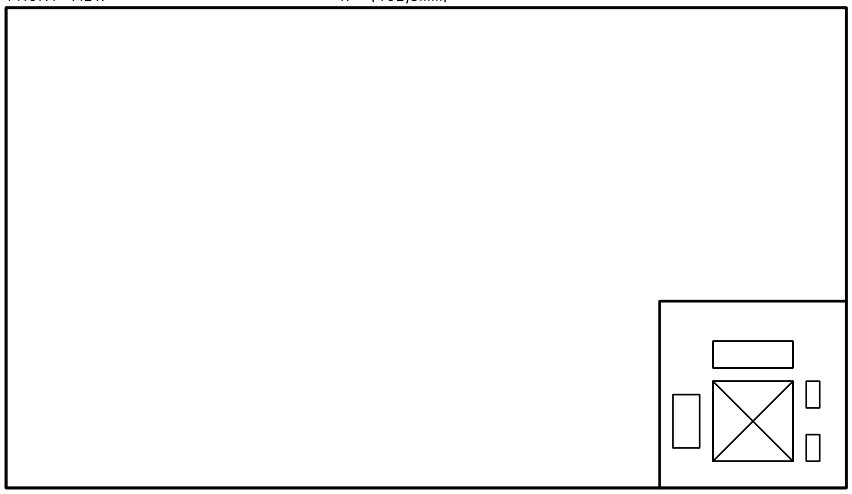
CENTRAL RACK WITH LMI

FRONT VIEW 19" (482,6mm)



6U (266,7 mm)

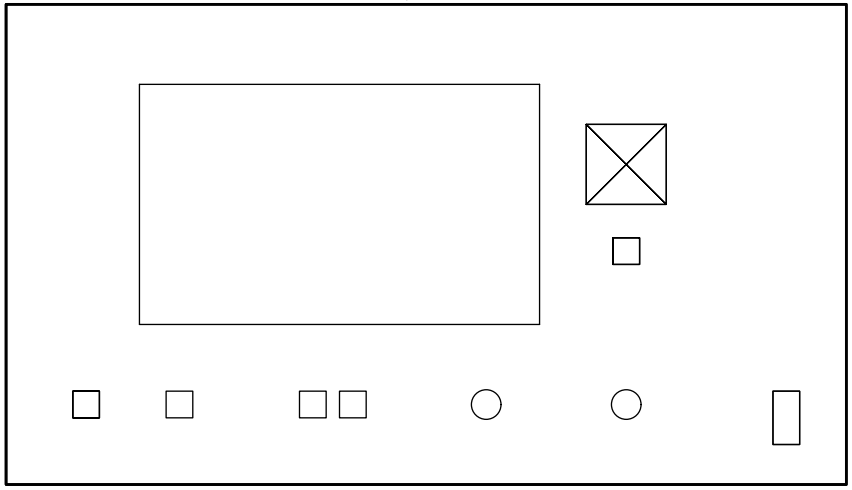
CENTRAL RACK, EXTENSION RACK

REAR VIEW

C01	C03	C04	C05	C06	C07	C08	C09	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21

CENTRAL RACK WITH LCP

FRONT VIEW 19" (482,6mm)



6U (266,7 mm)

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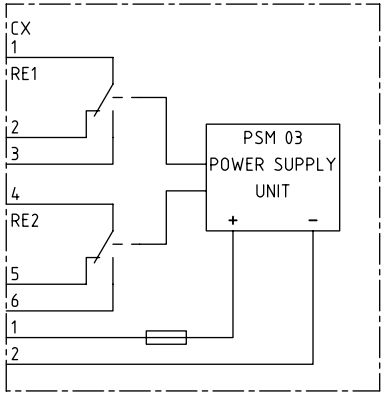
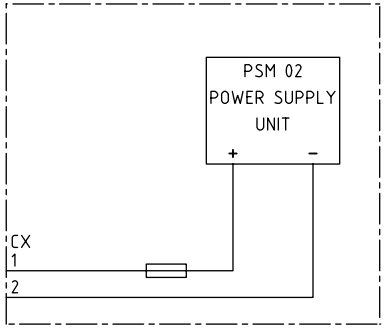
POWER SUPPLY MODULE
BASIC(PSM02 OR PSM03)





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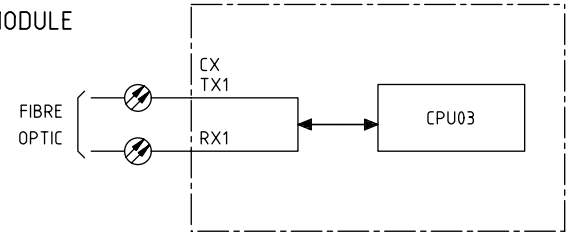
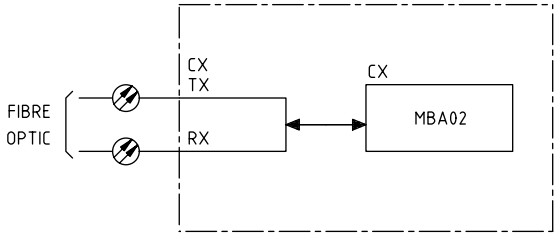
CENTRAL PROCESSING MODULE
BASIC



PROCESSBUS
OPTION



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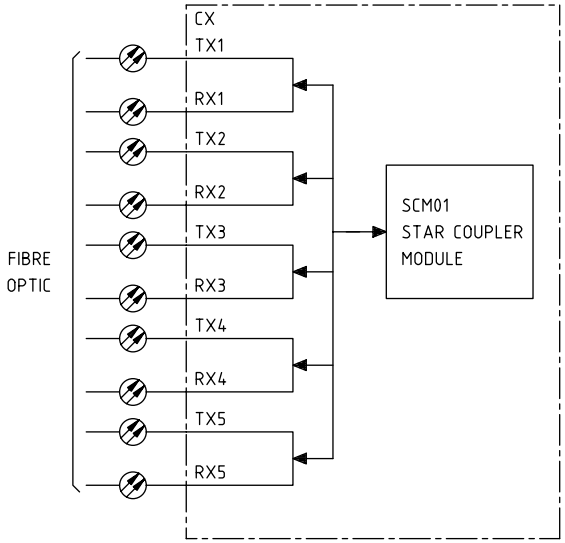
STAR COUPLER MODULE
OPTION



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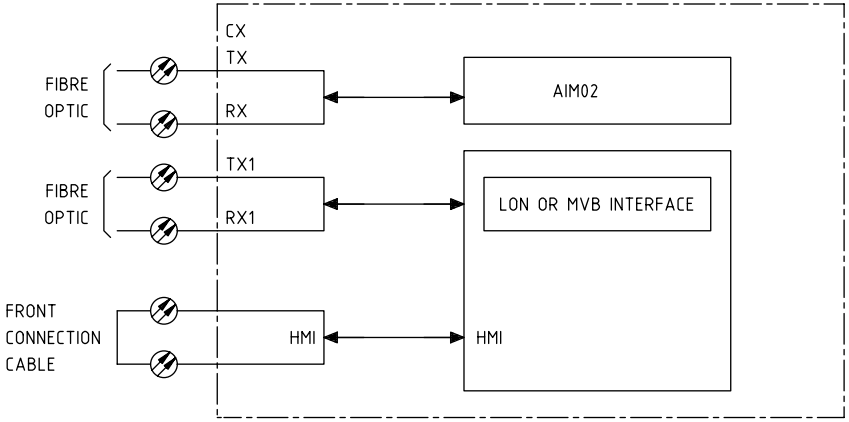
ANALOG INPUT MODULE
OPTION

SERIAL COMMUNICATION
LON OR MVB
OPTION



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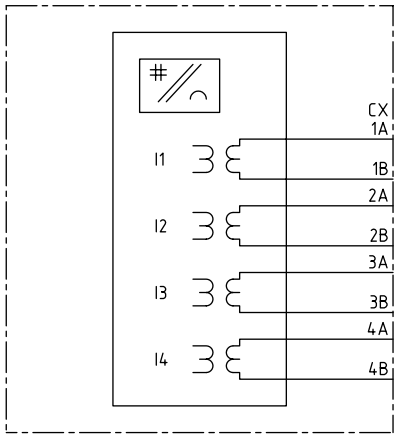
TRANSFORMER MODULE
OPTION

4x1A
4x5A



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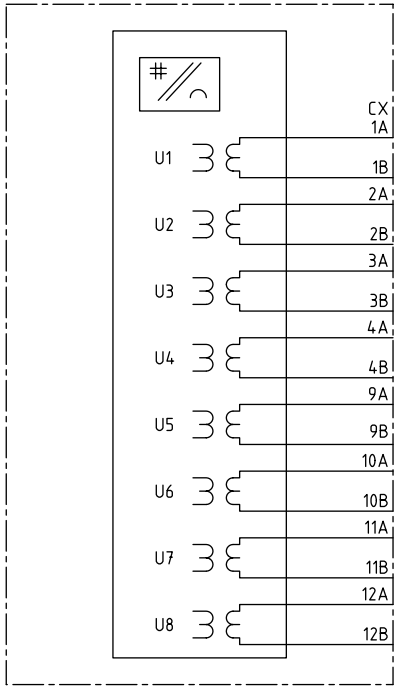
TRANSFORMER MODULE
OPTION

8x63.51V
8x120V



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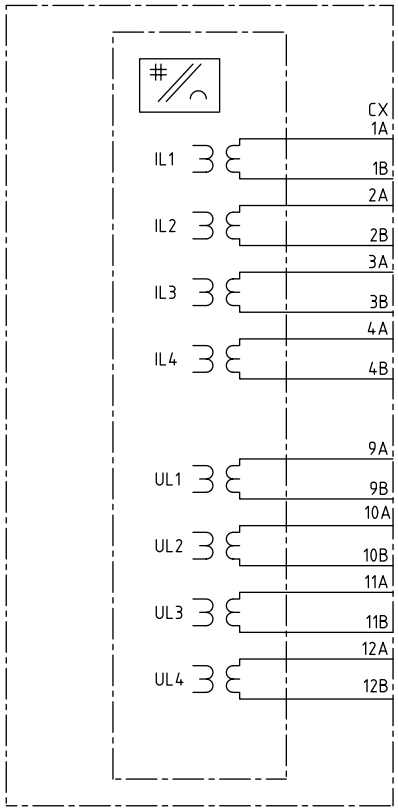
TRANSFORMER MODULE
OPTION

4x1A, 4x63.51V
4x1A, 4x220V
4x1A, 4x120V

4x5A, 4x63.51V
4x5A, 4x220V
4x5A, 4x120V



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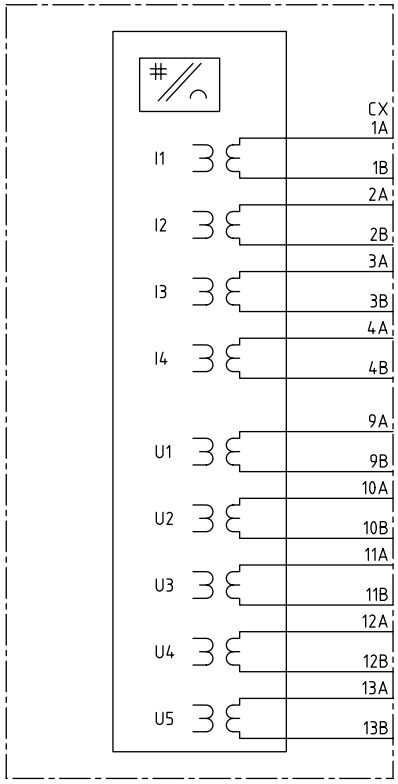
TRANSFORMER MODULE
OPTION

4x1A, 3x63.51V, 2x120V
4x1A, 5x63.51V



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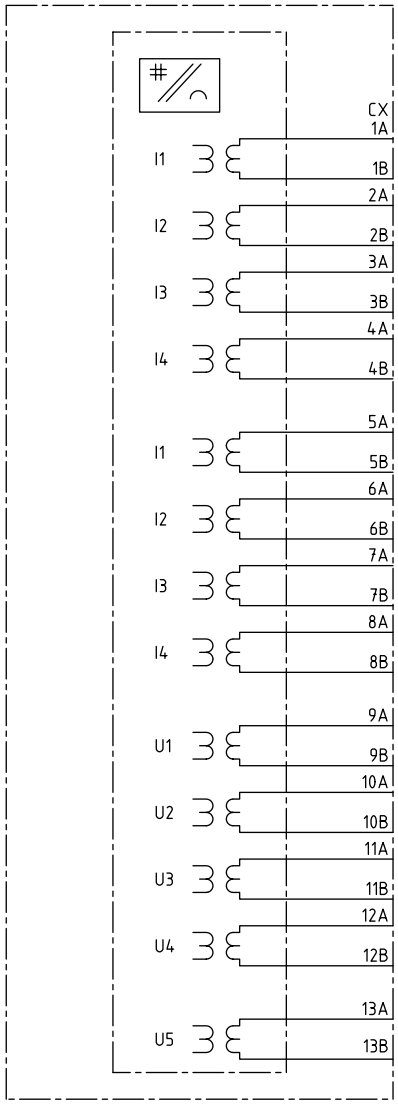
TRANSFORMER MODULE
OPTION

8x1A, 3x63.51V, 2x120V
8x1A, 5x120V
8x5A, 3x63.51V, 2x120V



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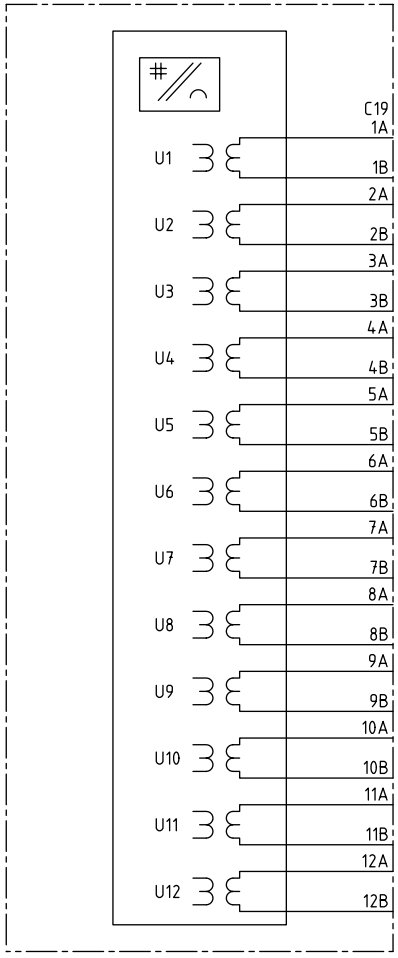
TRANSFORMER MODULE
OPTION

12x63.51V



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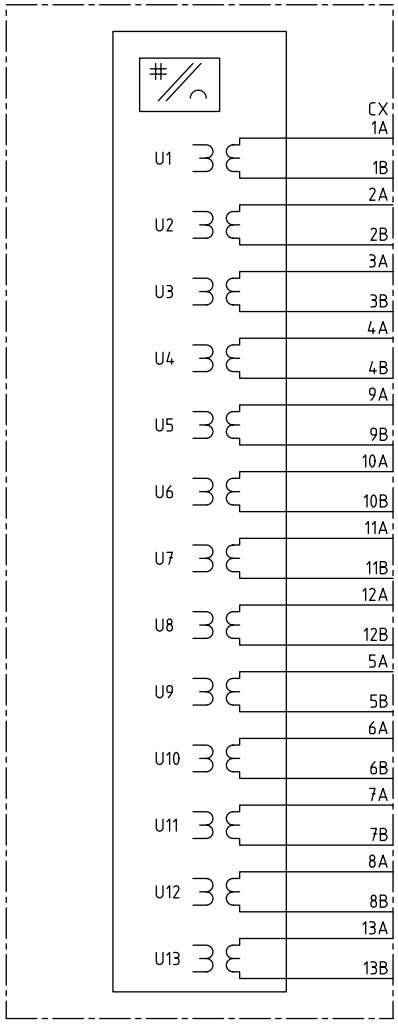
TRANSFORMER MODULE
OPTION

13x63.51V



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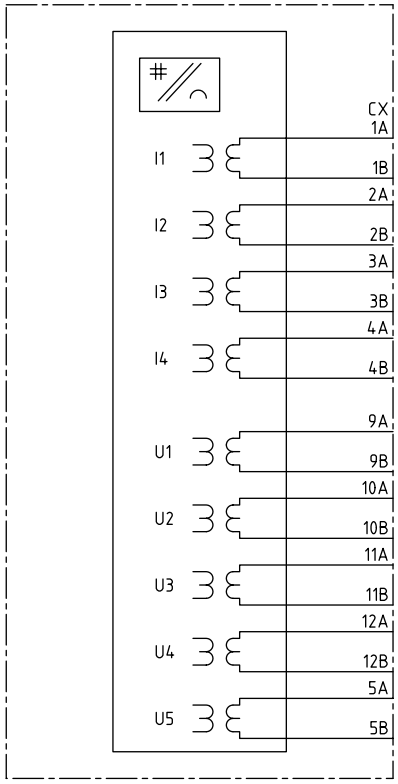
TRANSFORMER MODULE
OPTION

4x1A, 1x63.51V, 4x120V



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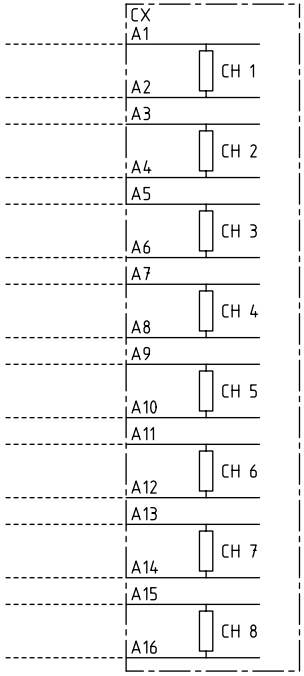
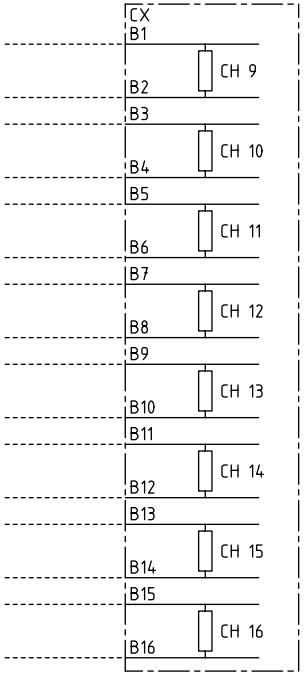
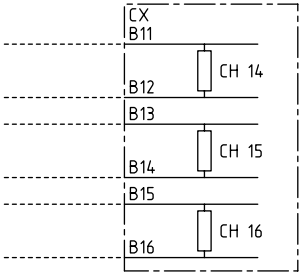
INSULATING TRANSDUCER MODULE
CHANNEL 1-8
OPTION



INSULATING TRANSDUCER MODULE
CHANNEL 9-16
OPTION



INSULATING TRANSDUCER MODULE
CHANNEL 14-16
OPTION



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Approved	99-11-08	R KARLSSON	

Rev Ind	Revision	Reg No
Based on		Pcl

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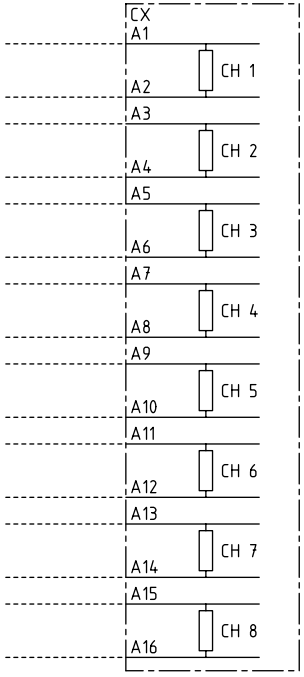
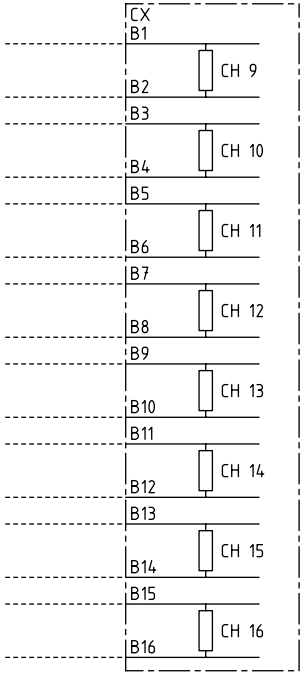
Resp dep TPT	Rev Ind A 99-12-17	Lang en	
1MRK002235-AA		Sheet 23	Cont 24

INSULATING TRANSDUCER MODULE
CHANNEL 1-16
OPTION





CX = DESIGNATION ACC. TO CONFIGURATION OF MODULES

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Approved	99-11-08	R KARLSSON	REC 580
			CONTROL TERMINAL
Rev Ind	Revision	Reg No	
Based on		Pcl	

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Resp dep TPT	Rev Ind A 99-12-17	Lang en	
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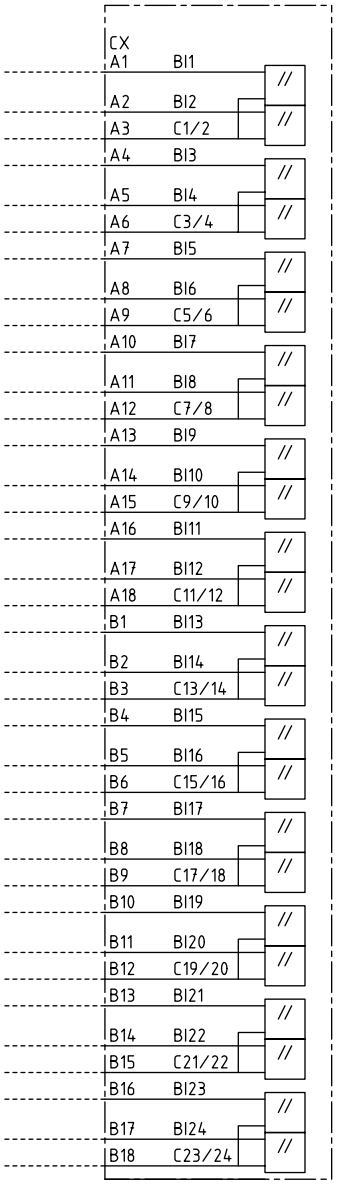
		Cont 25	

BINARY INPUT MODULE
OPTION



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Cont 26

BINARY OUTPUT MODULE
OPTION

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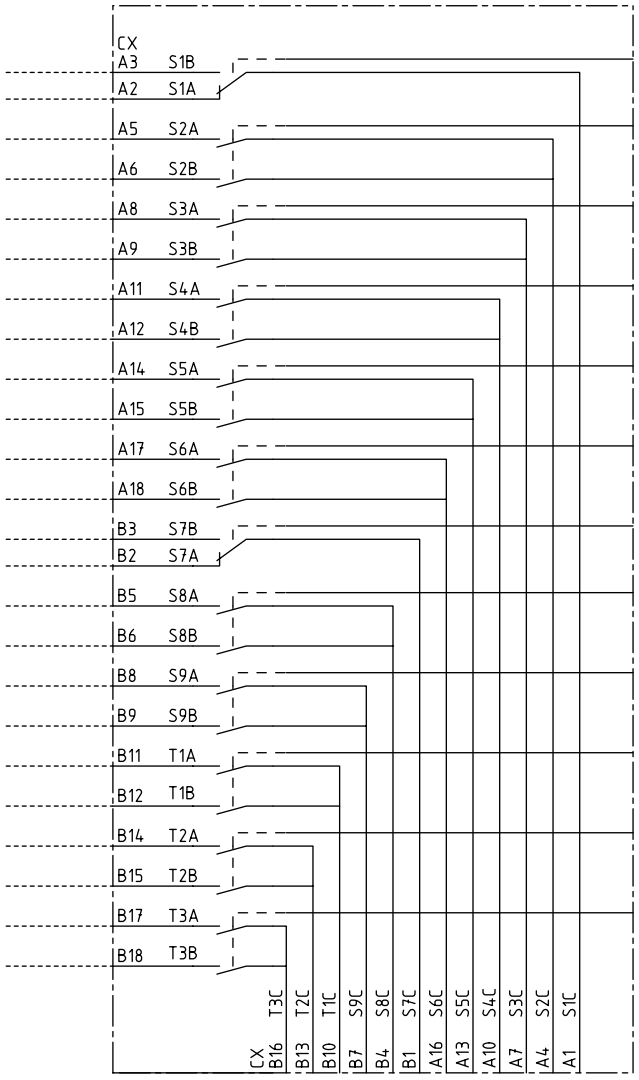

TRIP-OUTPUTS WITH TRIP COIL SUPERVISION ARE DESIGNATED WITH 'T'
SIGNAL OUTPUTS ARE DESIGNATED WITH 'S'

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TERMINAL DIAGRAM
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Cont