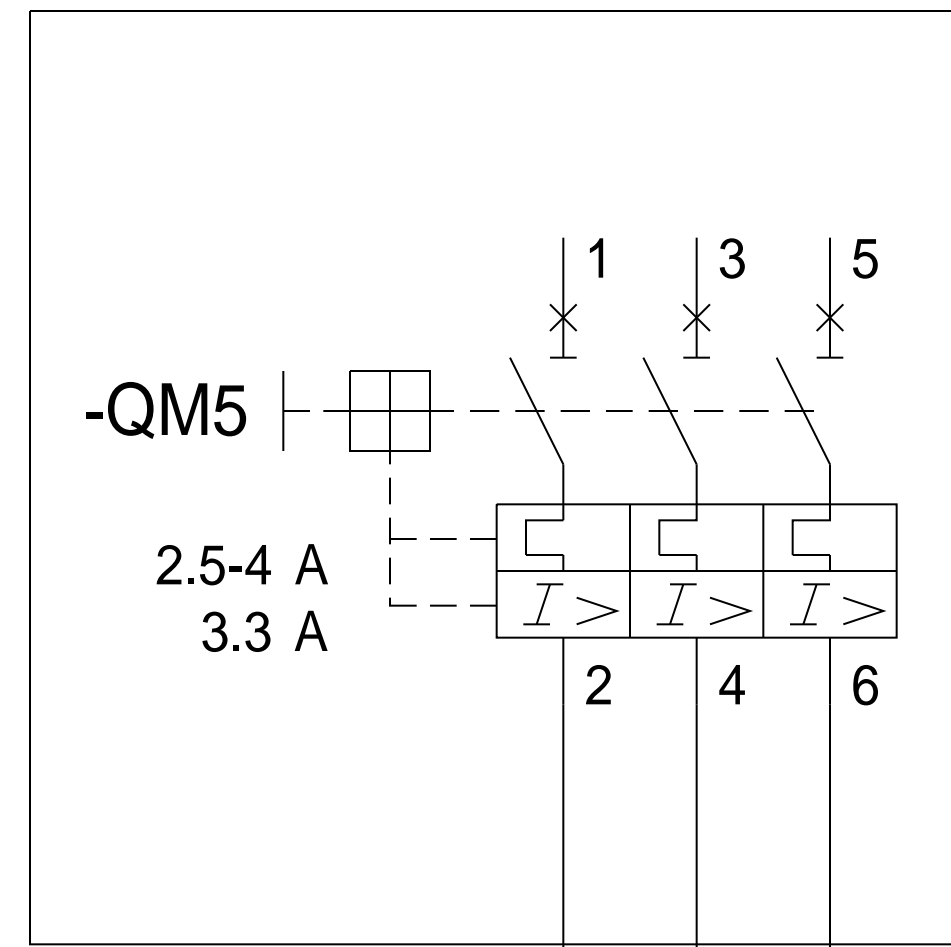


Project number	Project name	Date
EX2	EXAMPLE PROJECT #2 2006-2016	7/7/2016

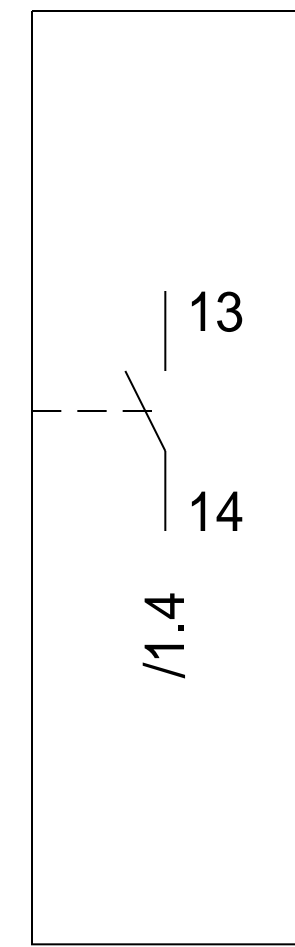
Drawing number	Drawing version	Year of construction
Ex.2	V.1.2.8	2016

Supplier	Customer
3xM AUTOMATION	

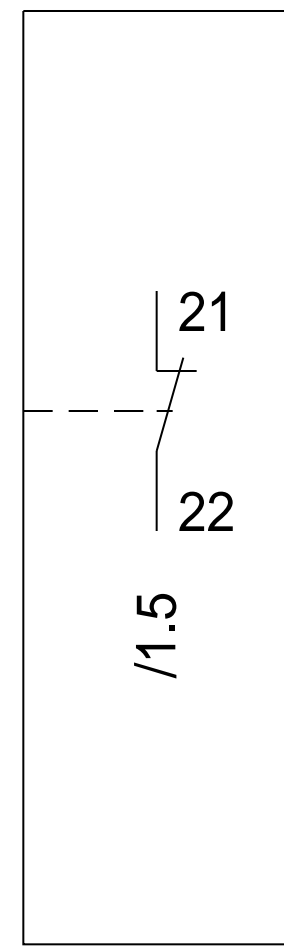
Parent symbol
QM1



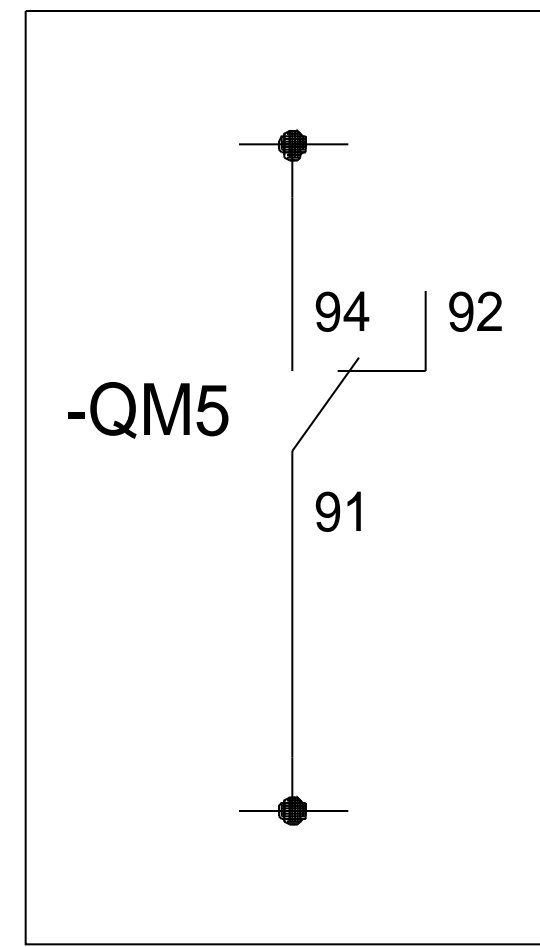
Auxiliary
KX_CL_010



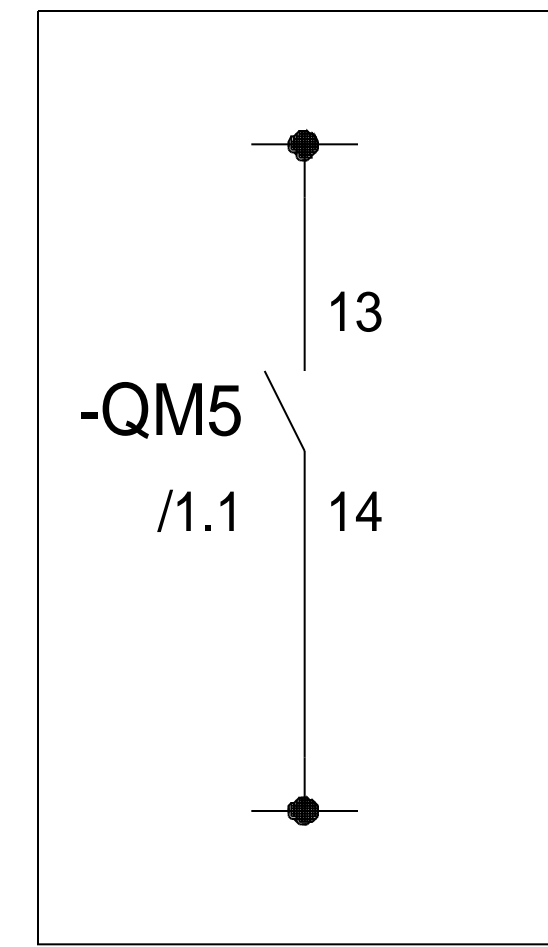
Auxiliary
KX_CL_001



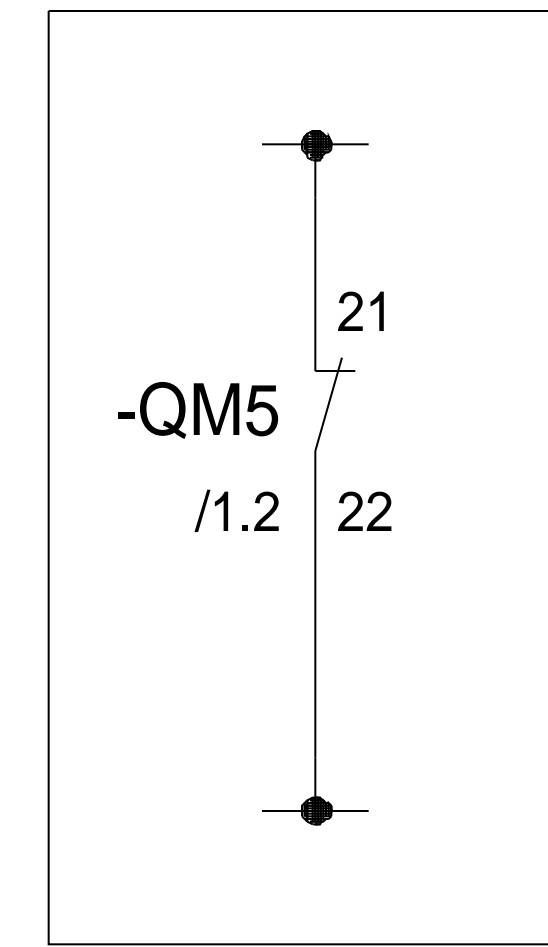
Auxiliary
KY_100



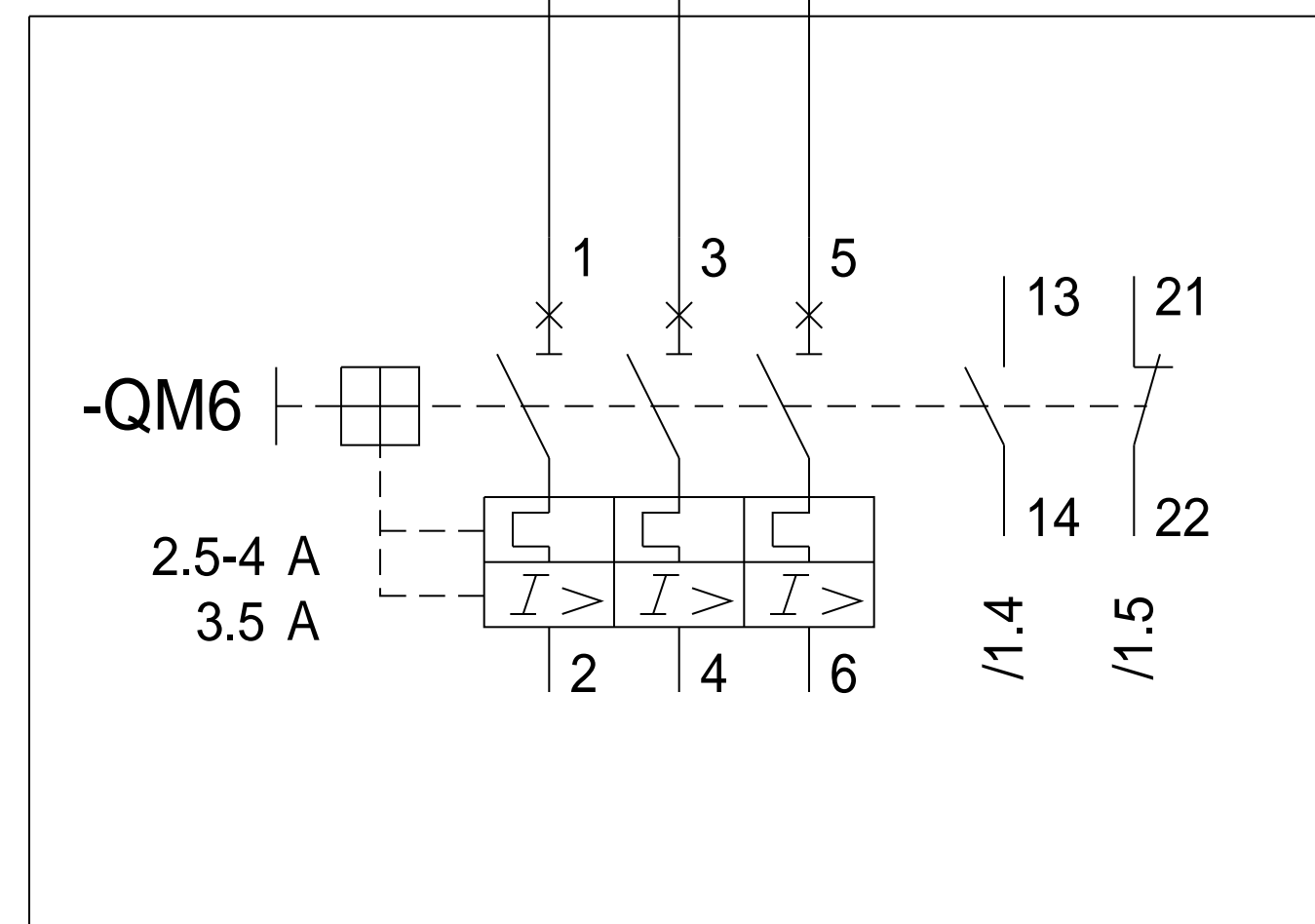
Child symbol
KS_001



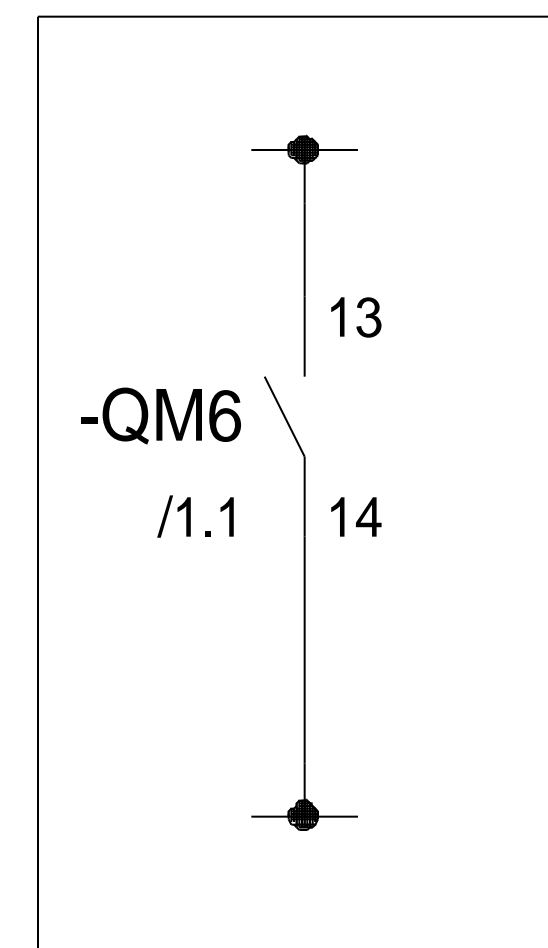
Child symbol
KS_001



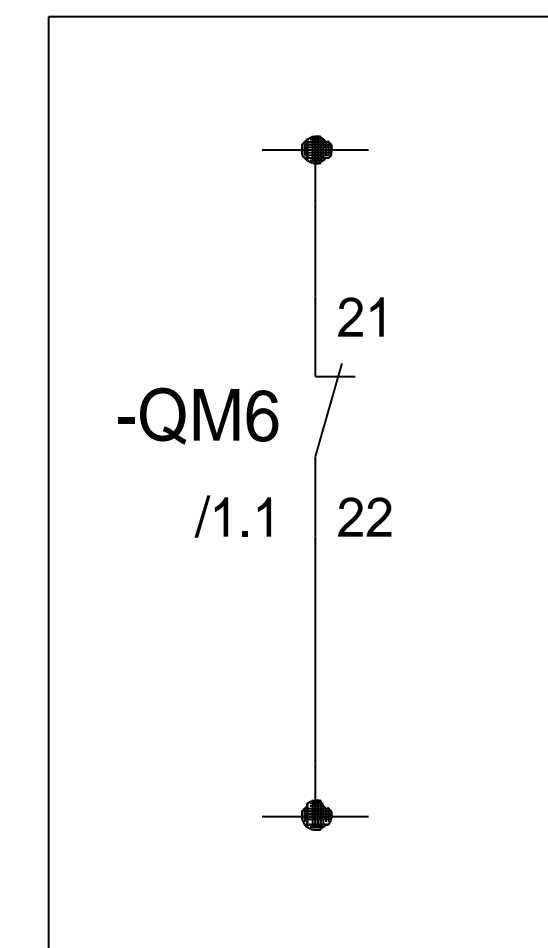
Parent symbol
QM1



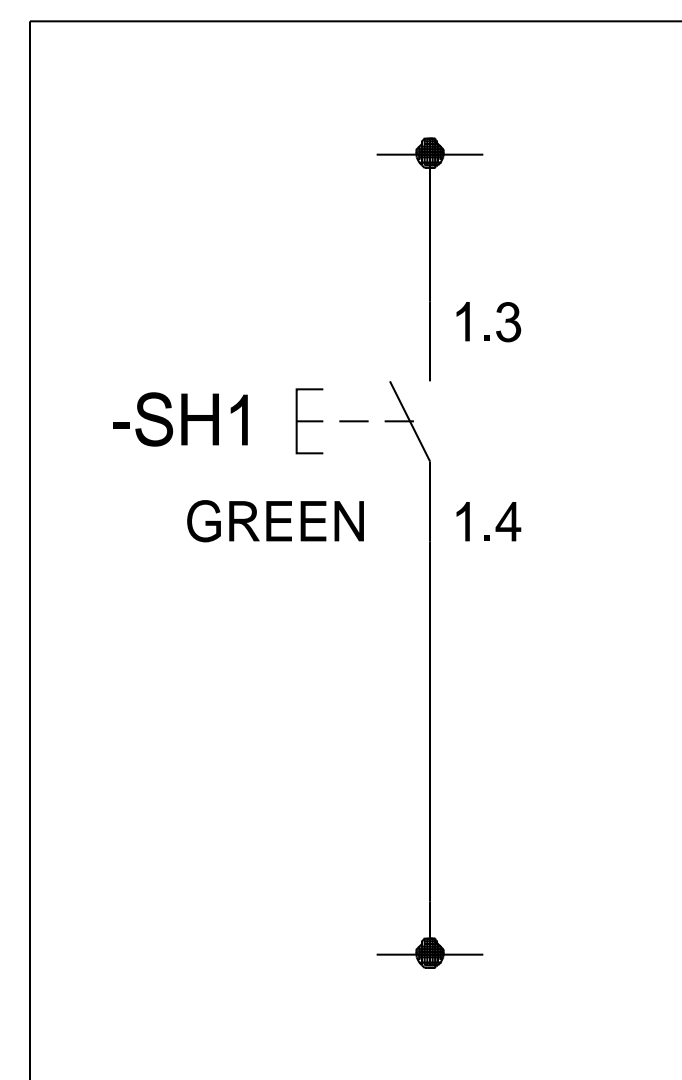
Child symbol
KS_001



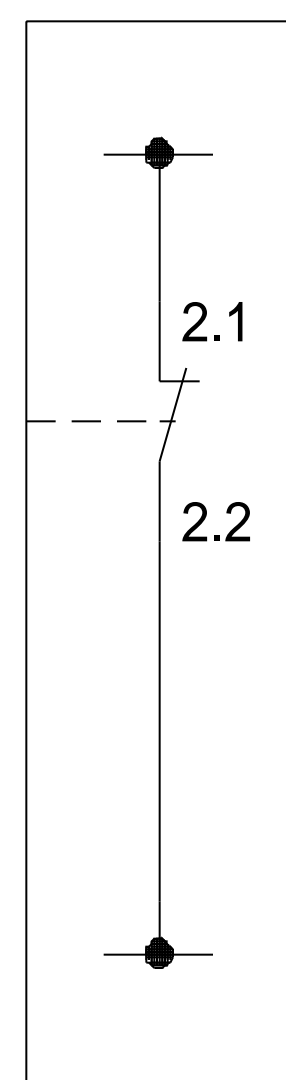
Child symbol
KS_001



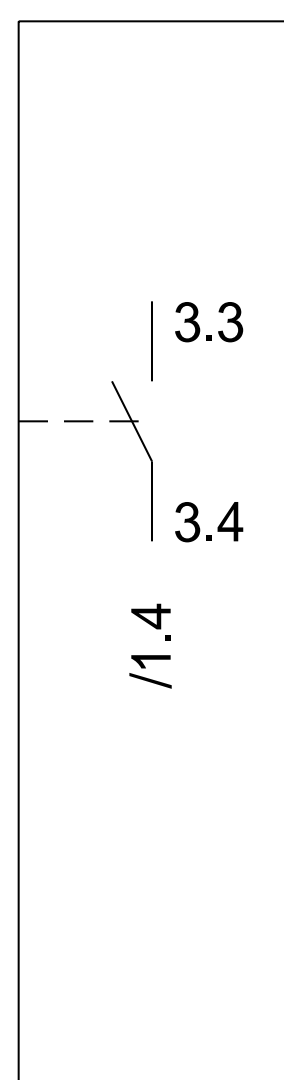
Parent symbol
S1



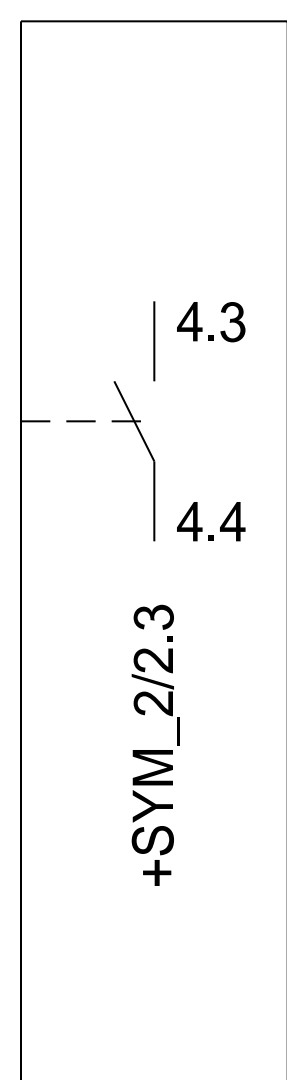
Auxiliary
KY_PB_001



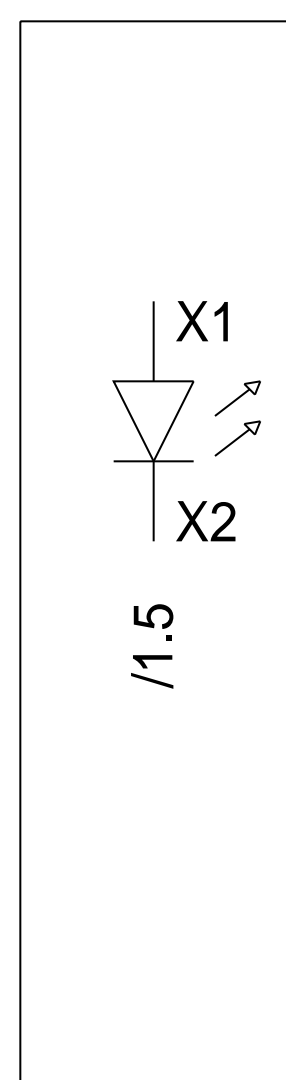
Auxiliary
KX_CL_010



Auxiliary
KX_CL_010



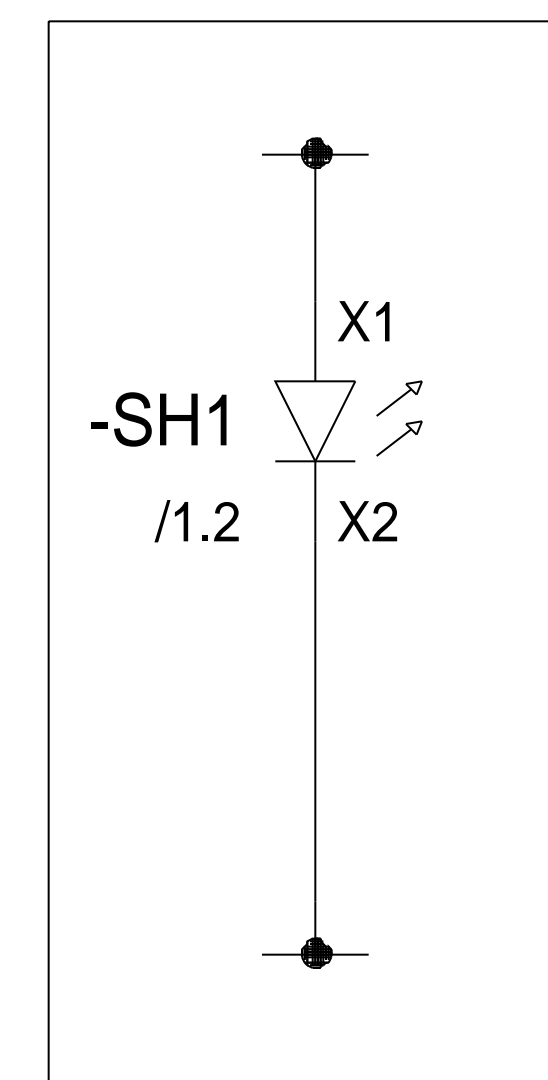
Auxiliary
KX_CL_010



Child symbol
KS_001

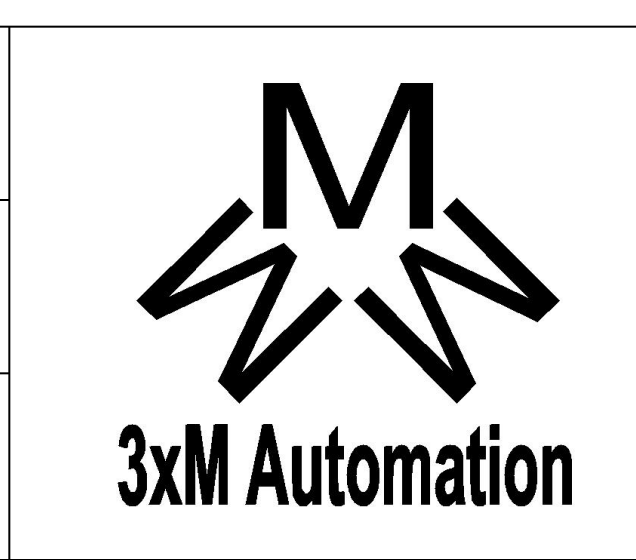


Child symbol
HSLED1



Rev	Revision text	Signature	Date
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Last changed by 3xM
Last changed 7/7/2016
Print date 7/7/2016



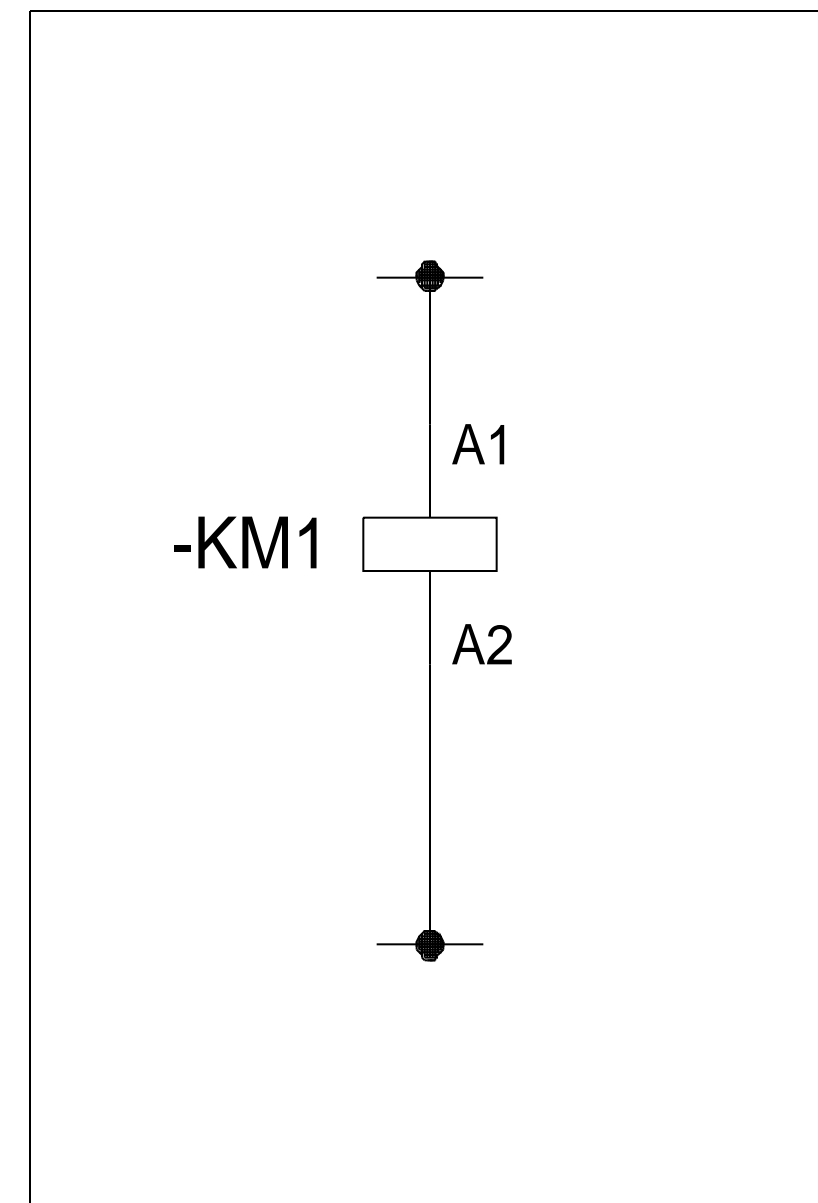
PARENT, AUXILIARY AND CHILD SYMBOLS

EXAMPLE PROJECT #2 2006-2016

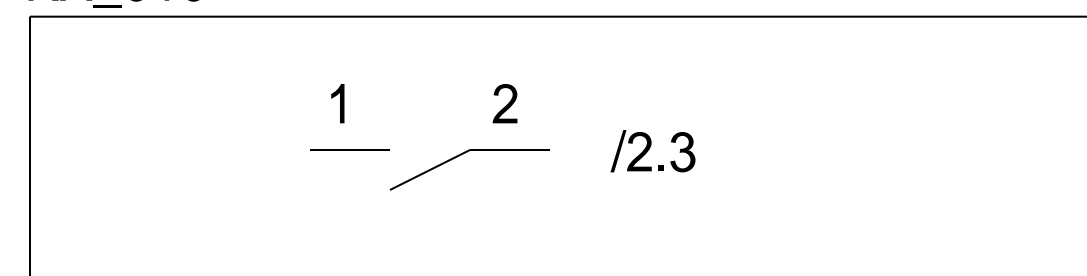
Drawing number	Ex.2
Pages	7

Installation	=
Location	+ SYM_1
Page number	1

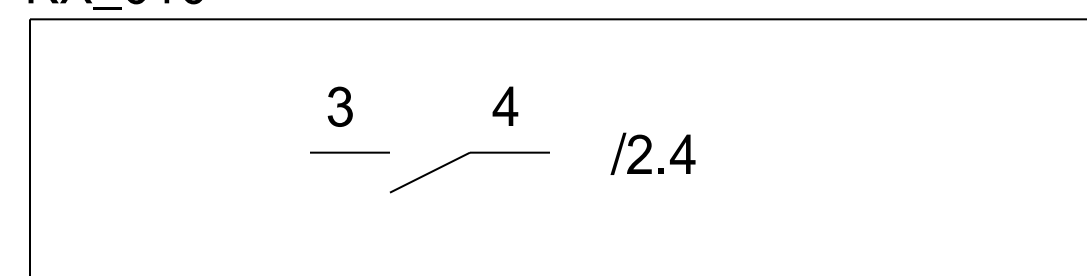
Parent symbol
K1



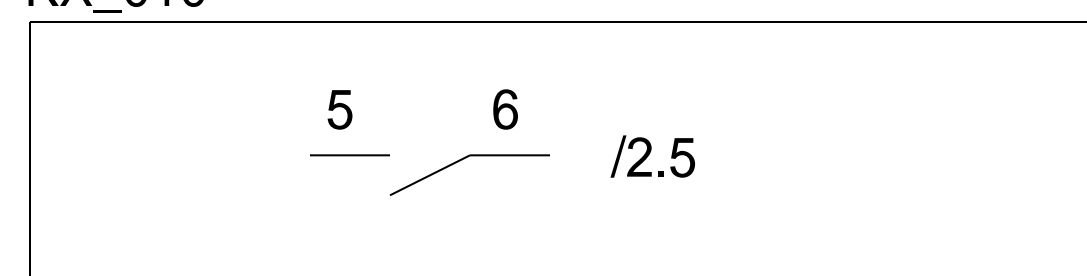
Auxiliary symbol
KX_010



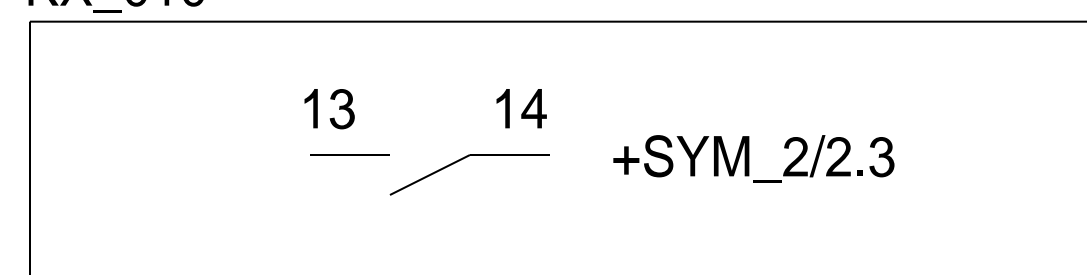
Auxiliary symbol
KX_010



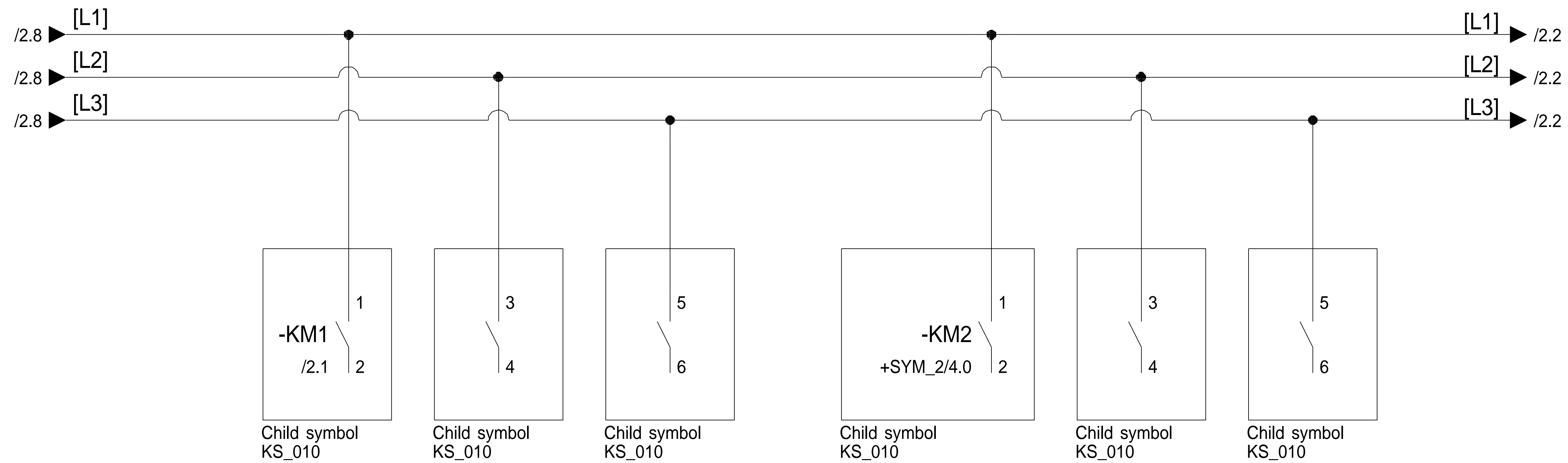
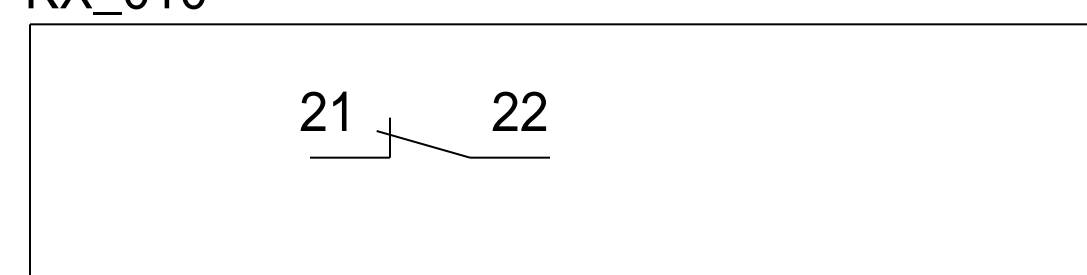
Auxiliary symbol
KX_010



Auxiliary symbol
KX_010



Auxiliary symbol
KX_010



Child symbol
KS_010

Child symbol
KS_010

Child symbol
KS_010

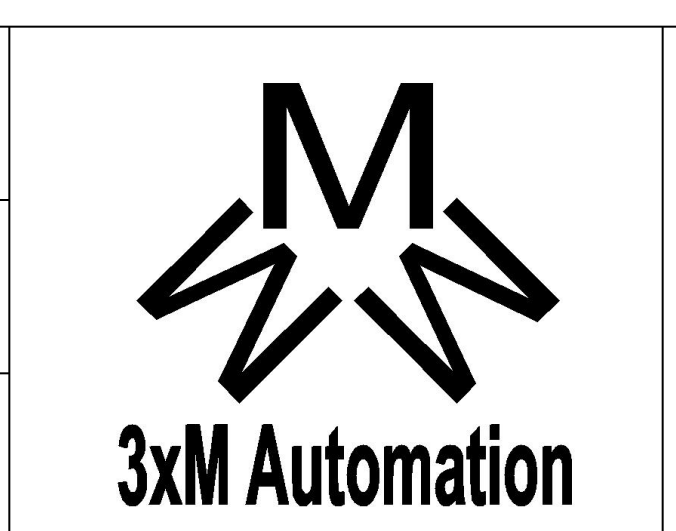
Child symbol
KS_010

Child symbol
KS_010

Child symbol
KS_010

Rev	Revision text	Signature	Date
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Last changed 7/7/2016
Print date 7/7/2016



CONTACTOR

EXAMPLE PROJECT #2 2006-2016

Drawing number	Ex.2
Pages	7

Installation	=
Location	+ SYM_1
Page number	2

PLC Parent symbol
IO16_TEXT

-A1

1(1L+) ○
11(2L+) ○
10(1M) ○
20(2M) ○

Digital outputs, 16DO

2	I	10.0	/2.6	SH1_START Start pushbutton on main control panel
3	I	10.1	/2.6	QM5_ON Main motor contactor response
4	I	10.2		
5	I	10.3		
6	I	10.4		
7	I	10.5		
8	I	10.6		
9	I	10.7		
12	I	11.0	/3.0	S1_STOP Stop pushbutton on main control panel
13	I	11.1	/3.0	Free
14	I	11.2	/3.0	Free
15	I	11.3	/3.0	Free
16	I	11.4	/3.0	Free
17	I	11.5	/3.0	Free
18	I	11.6	/3.0	Free
19	I	11.7	/3.0	Free

PLC Parent symbol
IO16_TEXT

-A2

1(1L+) ○
11(2L+) ○
10(1M) ○
20(2M) ○

Digital outputs, 16DO

2	Q	10.0	/4.0	KM2_START Start contactor
3	Q	10.1	/4.0	
4	Q	10.2	/4.0	
5	Q	10.3	/4.0	
6	Q	10.4	/4.0	
7	Q	10.5	/4.0	
8	Q	10.6	/4.0	
9	Q	10.7	/4.0	
12	Q	11.0		
13	Q	11.1		
14	Q	11.2		
15	Q	11.3		
16	Q	11.4		
17	Q	11.5		
18	Q	11.6		
19	Q	11.7		

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Print date 7/7/2016



INPUT MODULE OVERVIEW

EXAMPLE PROJECT #2 2006-2016

Drawing number

Ex.2

Pages

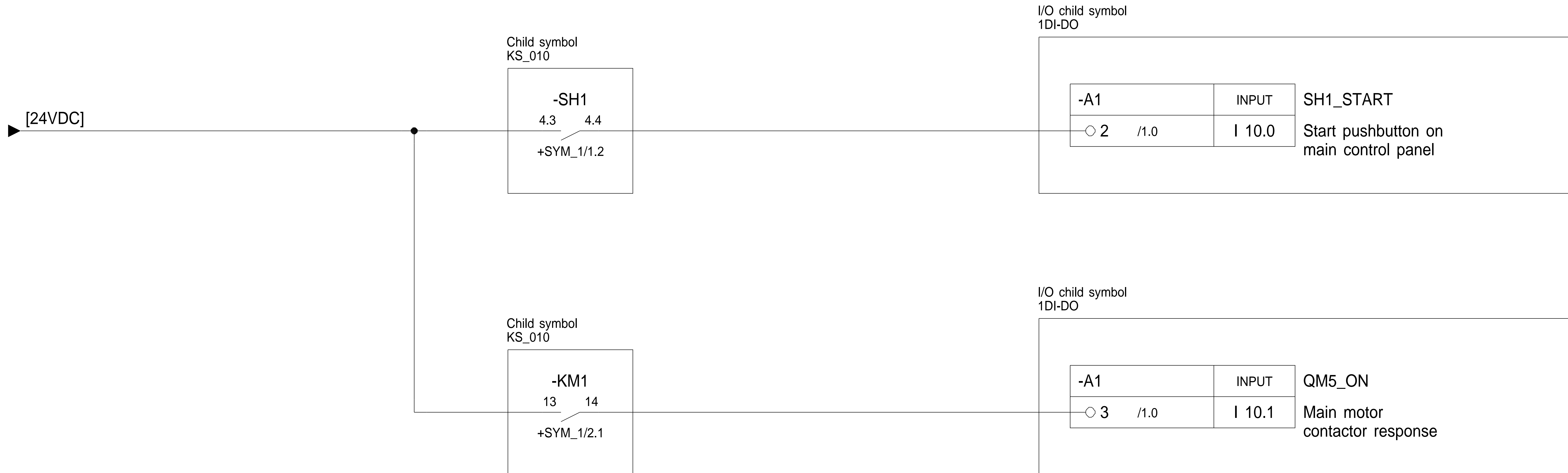
7

Installation =

Location + SYM_2

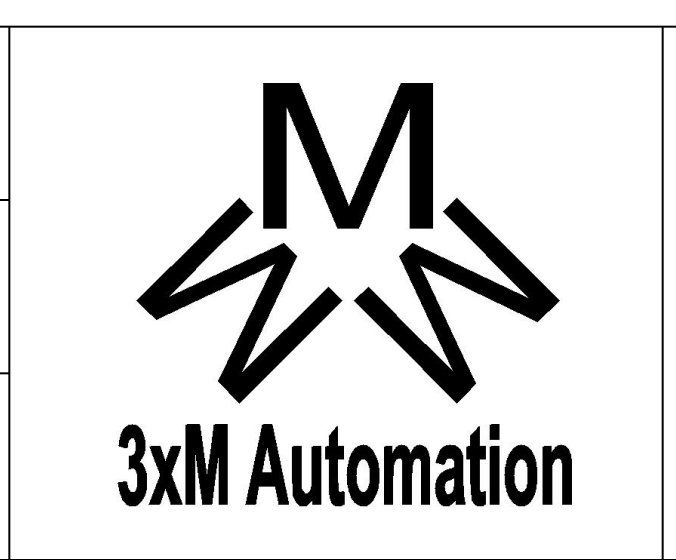
Page number

1



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Last changed by 3xM
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INPUT MODULE CONNECTION
EXAMPLE PROJECT #2 2006-2016

Drawing number	Ex.2
Pages	7

Installation	=
Location	+ SYM_2
Page number	2

0

1

2

3

4

5

6

7

8

9

Stop pushbutton on main control panel

Free

Free

Free

Free

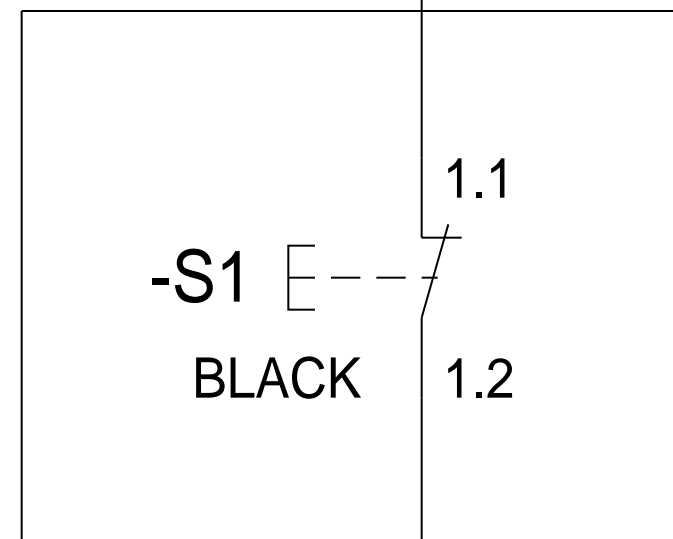
Free

Free

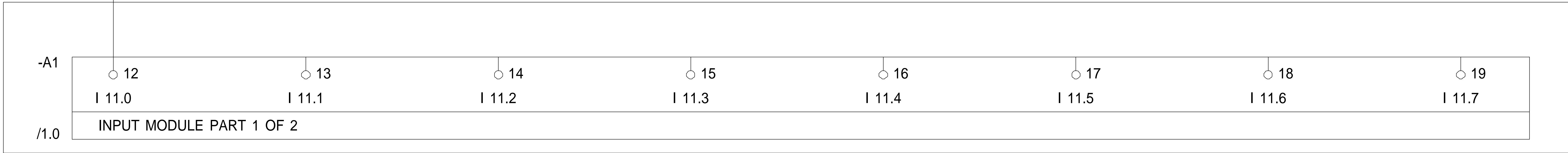
Free

[24VDC_2]

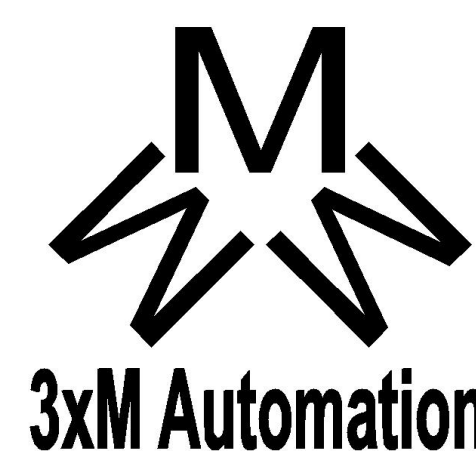
Parent symbol S2



Child symbol 8DI-DO



Last changed by
3xM
Last changed
7/7/2016
Print date
7/7/2016



DIGITAL I/O MODULE (8 points)

EXAMPLE PROJECT #2 2006-2016

Drawing number
Ex.2

Pages **7**

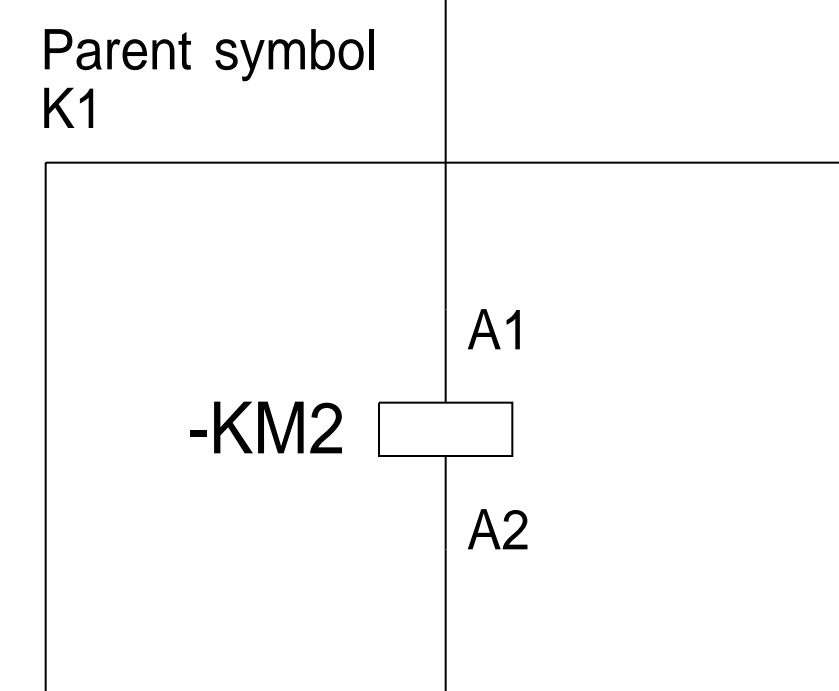
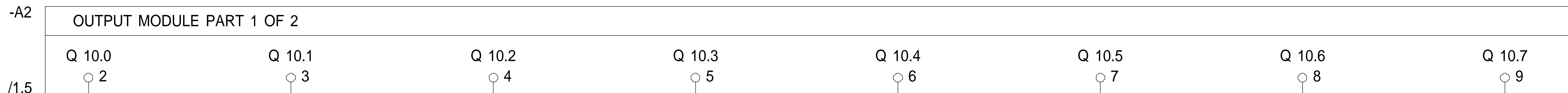
Installation =
Location + **SYM_2**

Page number **3**

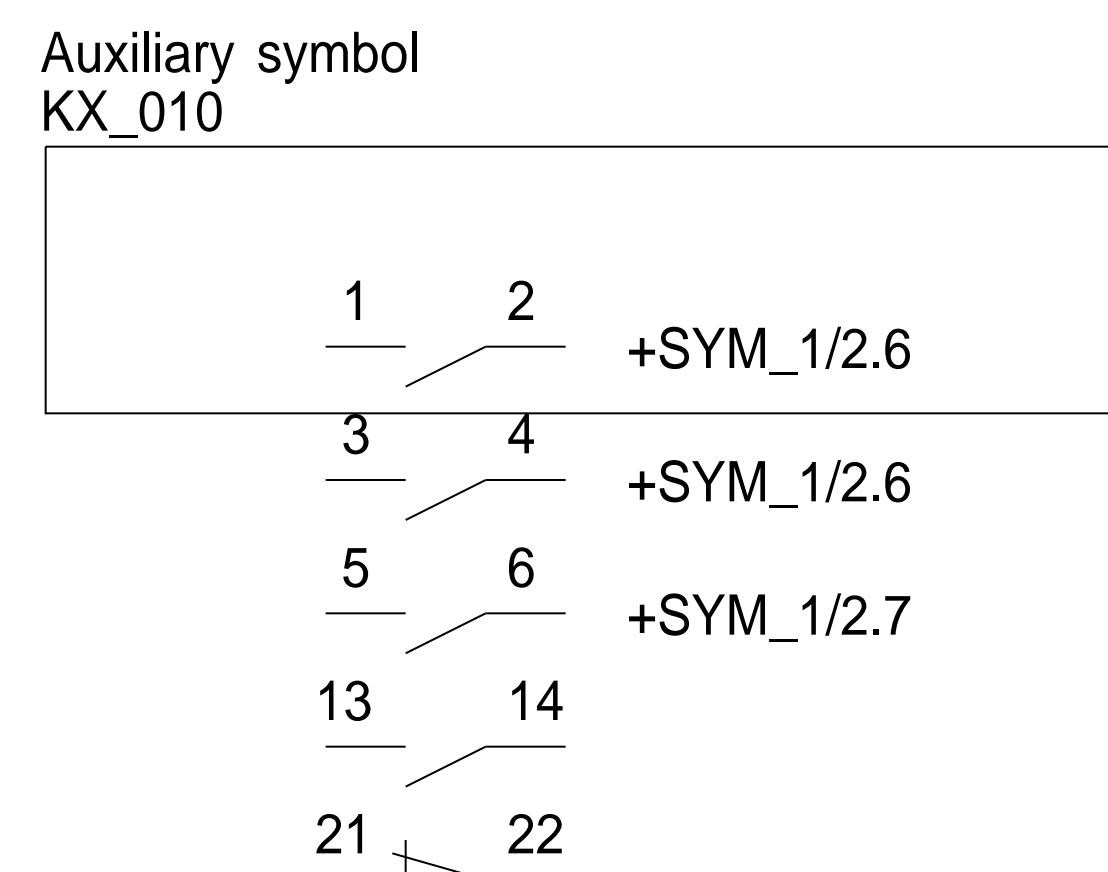
Rev	Revision text	Signature	Date

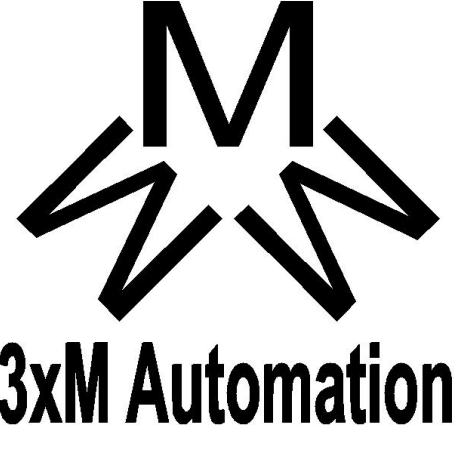
Signature	Date

Start contactor



[0VDC]



				Last changed by 3xM		DIGITAL I/O MODULE (8 points)	Drawing number Ex.2	Installation =
				Last changed 7/7/2016		EXAMPLE PROJECT #2 2006-2016	Location + SYM_2	
Rev	Revision text	Signature	Date	Print date 7/7/2016		Pages 7	Page number 4	