

Project number	Project name	Date
EX1	EXAMPLE PROJECT #1 2006-2017	27/9/2017

Drawing number	Drawing version	Year of construction
Ex.1	V.1.2.10	2017

Supplier	Customer
3xM AUTOMATION	

Wire specification:Power cables:

Insulation material

PVC and halogen free
or PEX,EPR equivalent

Approvals:

CE

Signal cables:

Material and type:

PVC and halogen free

Approvals:

CE

Cable ducts

Material and type:

PC-ABS U43X (Halogen free)

Approvals:

CE, UL, CSA

Wire colors:

Protective conductor:

Yellow/Green

Power circuits:

Black

Neutral conductor:

Light blue

External control voltage:

Orange

24VAC Phase:

Red

0VAC Neutral:

Red

24VDC (+):

Dark blue

0VDC (-):

White

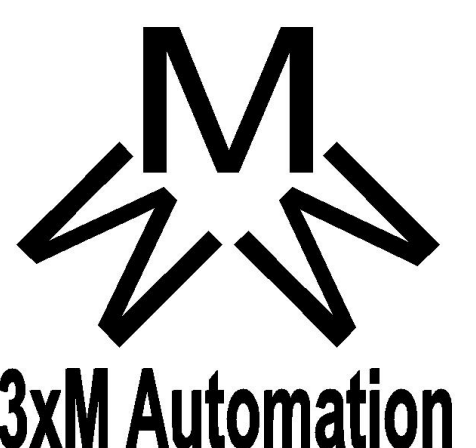
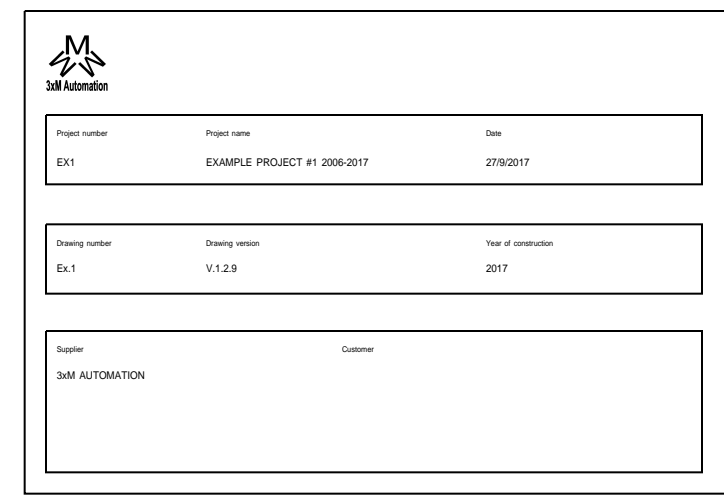
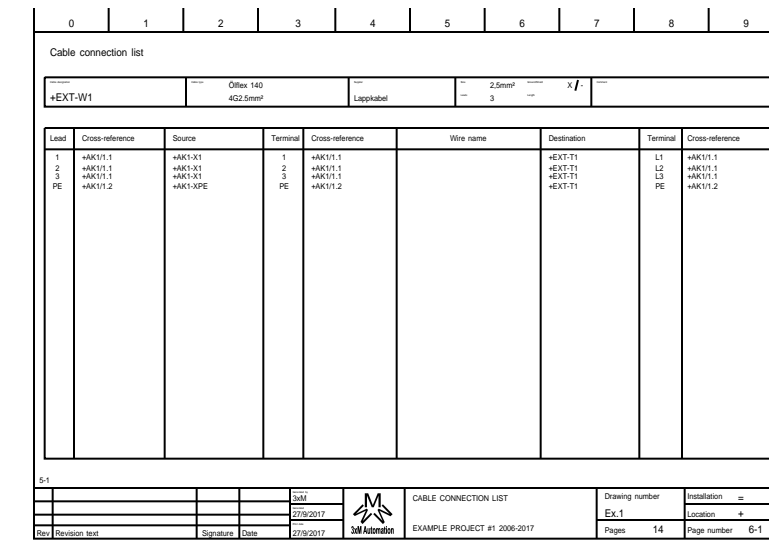
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				Last changed 27/9/2017			Ex.1	Location +
Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 2

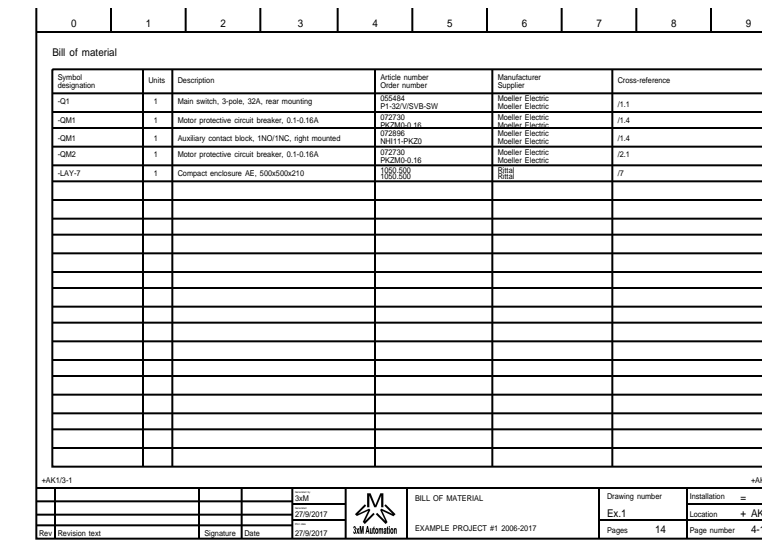
Table of contents



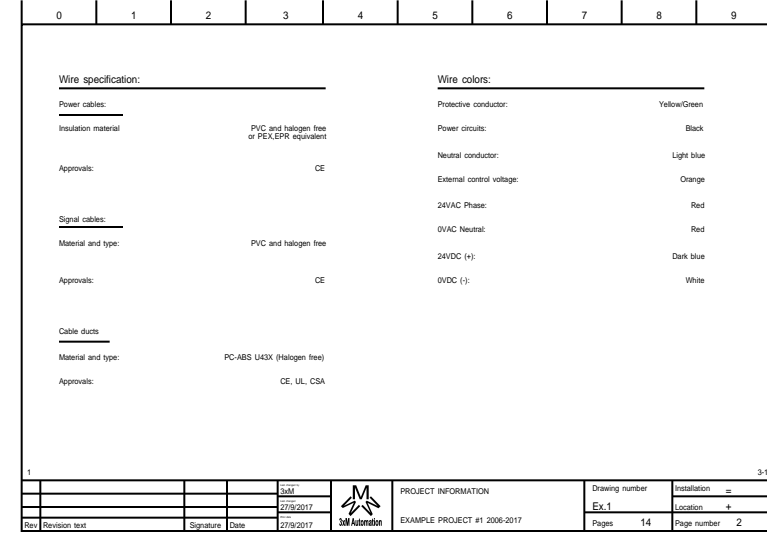
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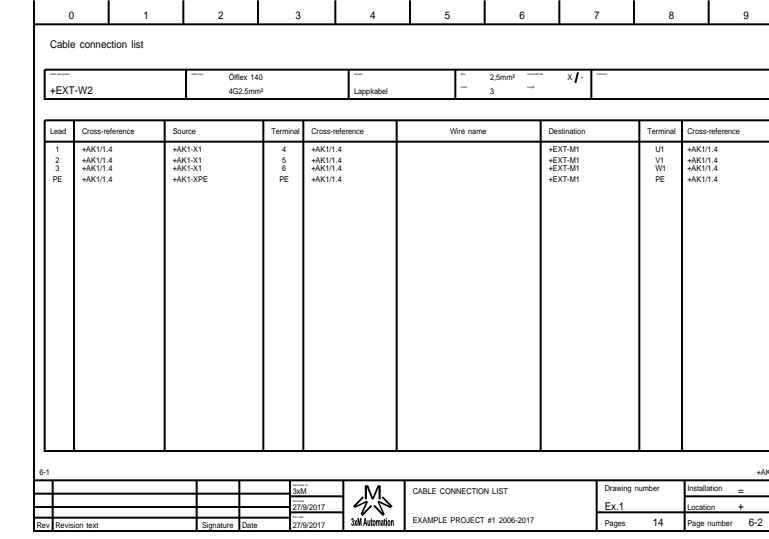
6-1



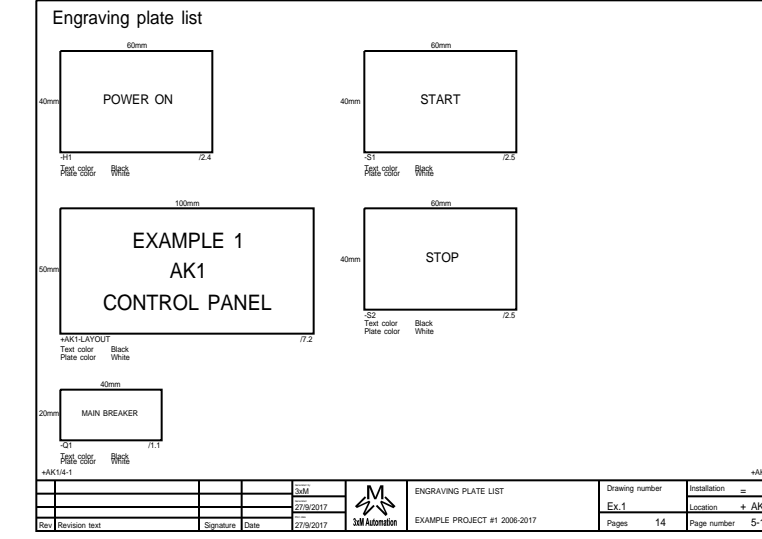
+AK1/4-1



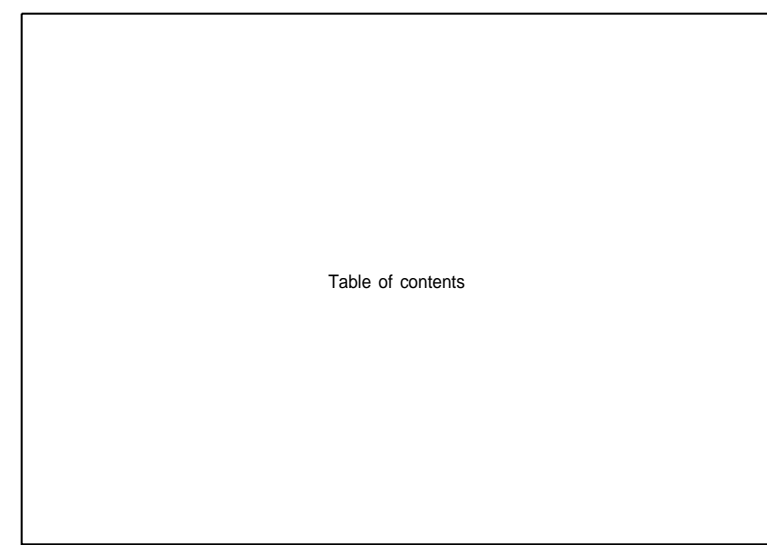
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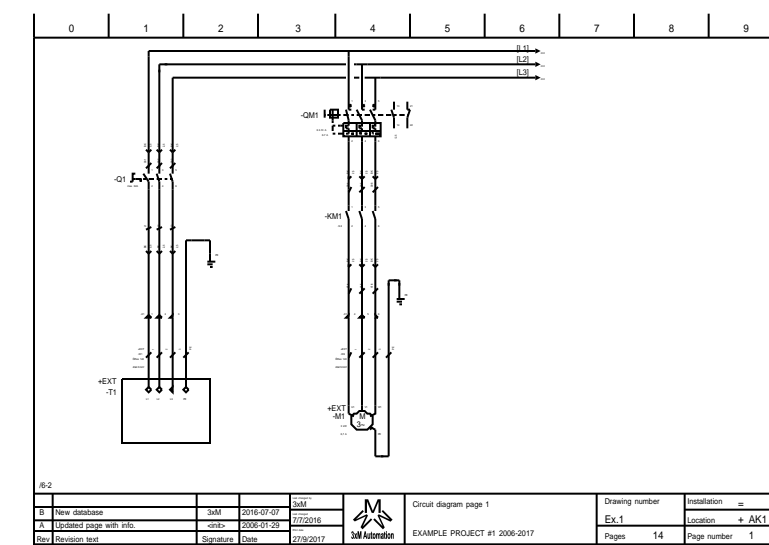
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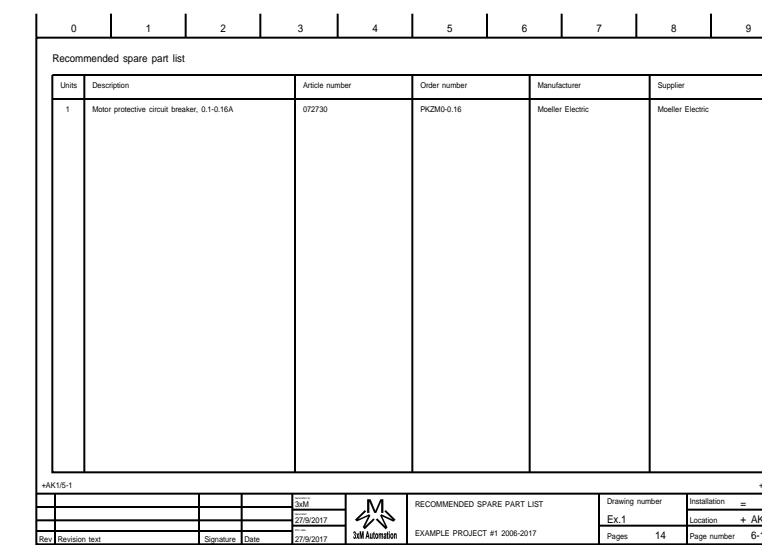
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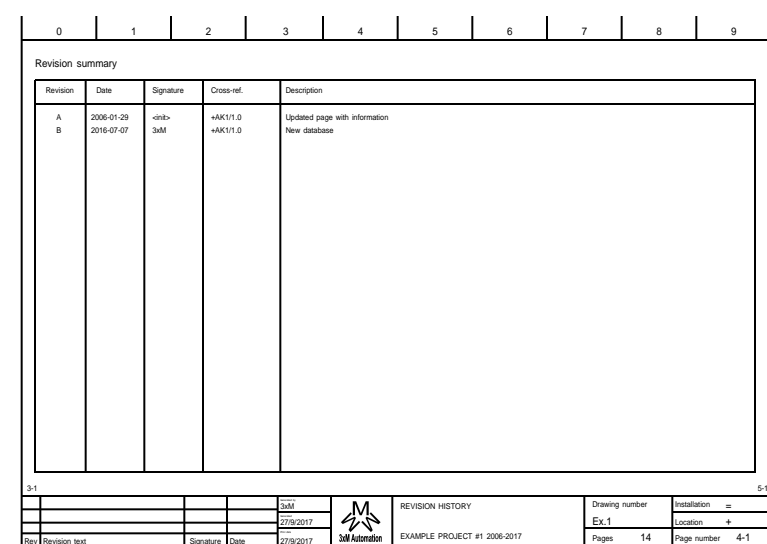
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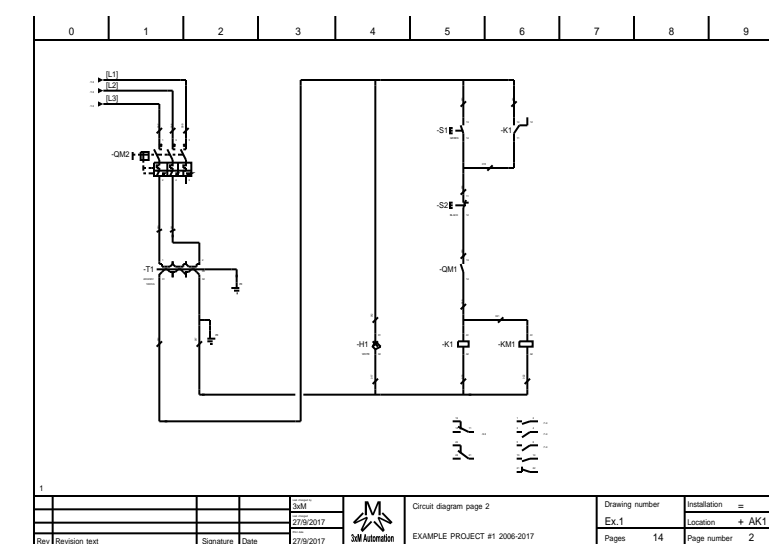
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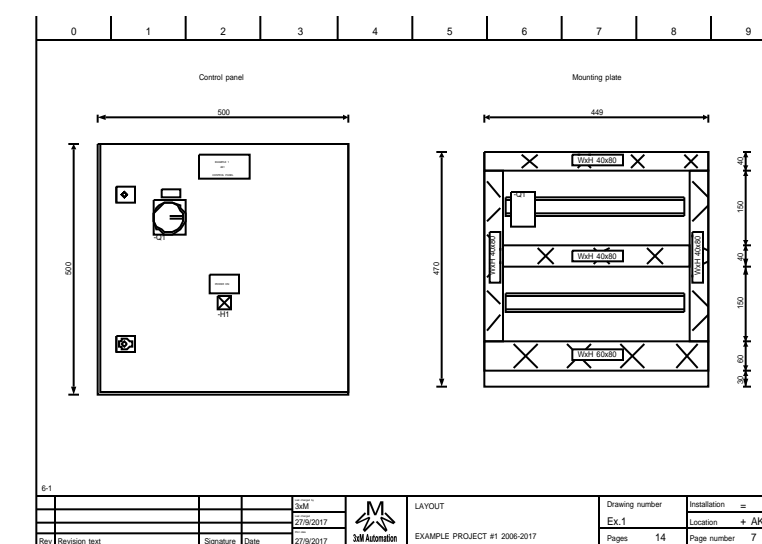
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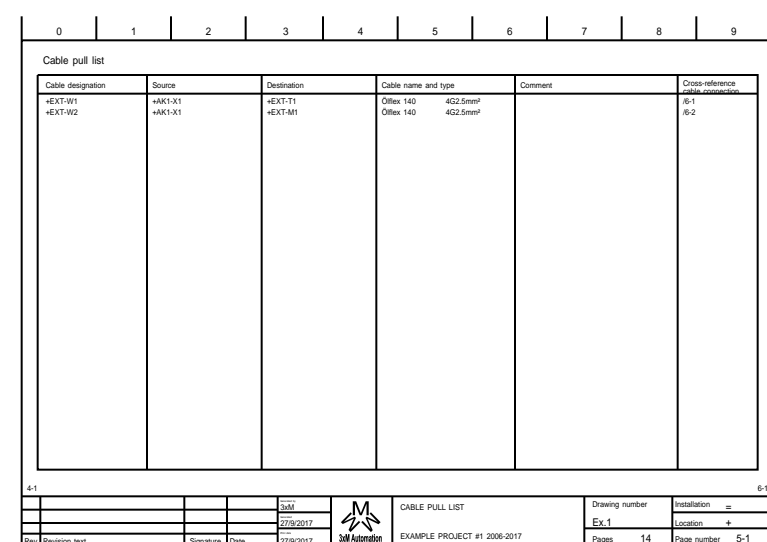
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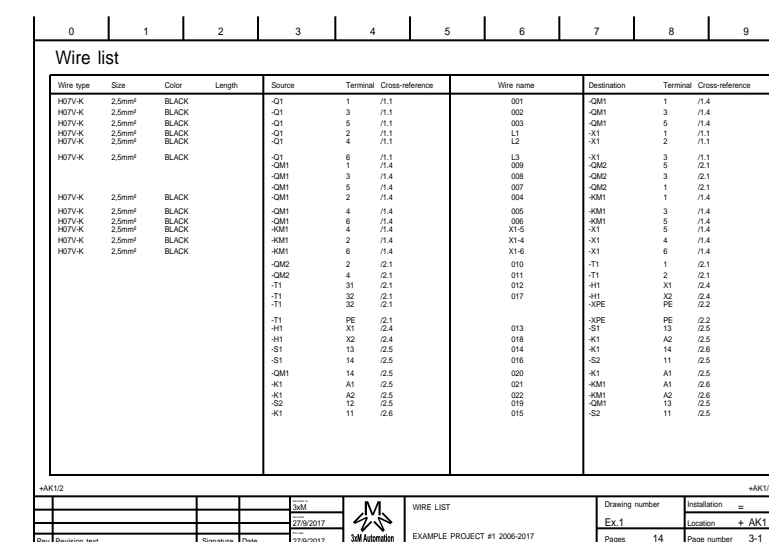
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+AK1/7



5-1

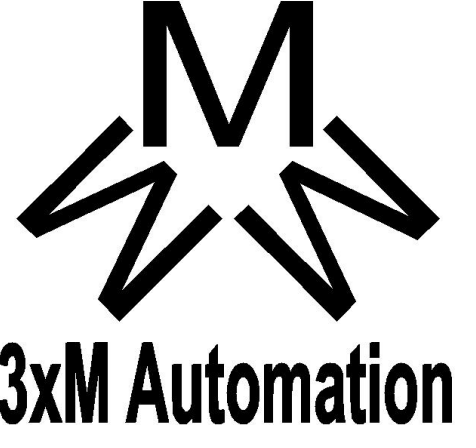


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		Generated by 3xM			TABLE OF CONTENTS	Drawing number		Installation =	
		Generated 27/9/2017				Ex.1		Location +	
Rev		Revision text				Pages 14		Page number 3-1	
		Signature		Date		Print date 27/9/2017		EXAMPLE PROJECT #1 2006-2017	

Revision summary

Revision	Date	Signature	Cross-ref.	Description
A	2006-01-29	<init>	+AK1/1.0	Updated page with information
B	2016-07-07	3xM	+AK1/1.0	New database

				Generated by 3xM		REVISION HISTORY	Drawing number	Installation =
				Generated 27/9/2017			Ex.1	Location +
Rev	Revision text	Signature	Date	Print date 27/9/2017			EXAMPLE PROJECT #1 2006-2017	Pages 14

0

1

2

3

4

5

6

7

8

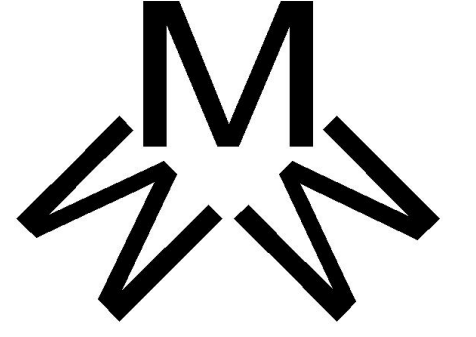
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Cable pull list

Cable designation	Source	Destination	Cable name and type	Comment	Cross-reference cable connection
+EXT-W1 +EXT-W2	+AK1-X1 +AK1-X1	+EXT-T1 +EXT-M1	Ölflex 140 4G2.5mm ² Ölflex 140 4G2.5mm ²		/6-1 /6-2

4-1

6-1

				Generated by 3xM	 3xM Automation	CABLE PULL LIST EXAMPLE PROJECT #1 2006-2017	Drawing number	Installation =
				Generated 27/9/2017			Ex.1	Location +
Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 5-1

0

1

2

3

4

5

6

7

8

9

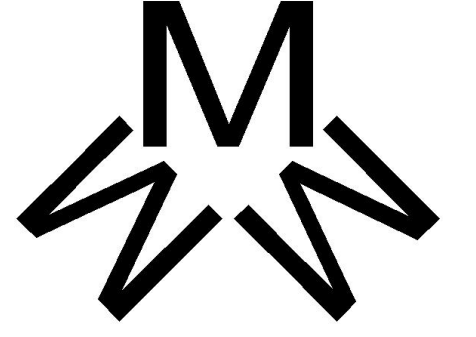
Cable connection list

Cable designation +EXT-W1	Cable type Ölflex 140 4G2.5mm²	Supplier Lappkabel	Size 2,5mm²	Ground/Shield X / -	Comment
			Leads 3	Length	

Lead	Cross-reference	Source	Terminal	Cross-reference	Wire name	Destination	Terminal	Cross-reference
1	+AK1/1.1	+AK1-X1	1	+AK1/1.1		+EXT-T1	L1	+AK1/1.1
2	+AK1/1.1	+AK1-X1	2	+AK1/1.1		+EXT-T1	L2	+AK1/1.1
3	+AK1/1.1	+AK1-X1	3	+AK1/1.1		+EXT-T1	L3	+AK1/1.1
PE	+AK1/1.2	+AK1-XPE	PE	+AK1/1.2		+EXT-T1	PE	+AK1/1.2

5-1

6-2

				Generated by 3xM	 3xM Automation	CABLE CONNECTION LIST	Drawing number	Installation =
				Generated 27/9/2017			Ex.1	Location +
Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 6-1
						EXAMPLE PROJECT #1 2006-2017		

0

1

2

3

4

5

6

7

8

9

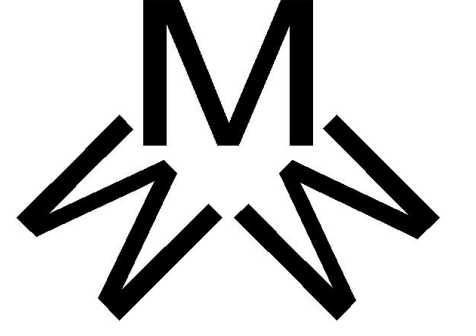
Cable connection list

Cable designation +EXT-W2	Cable type Ölflex 140 4G2.5mm²	Supplier Lappkabel	Size 2,5mm²	Ground/Shield X / -	Comment
			Leads 3	Length	

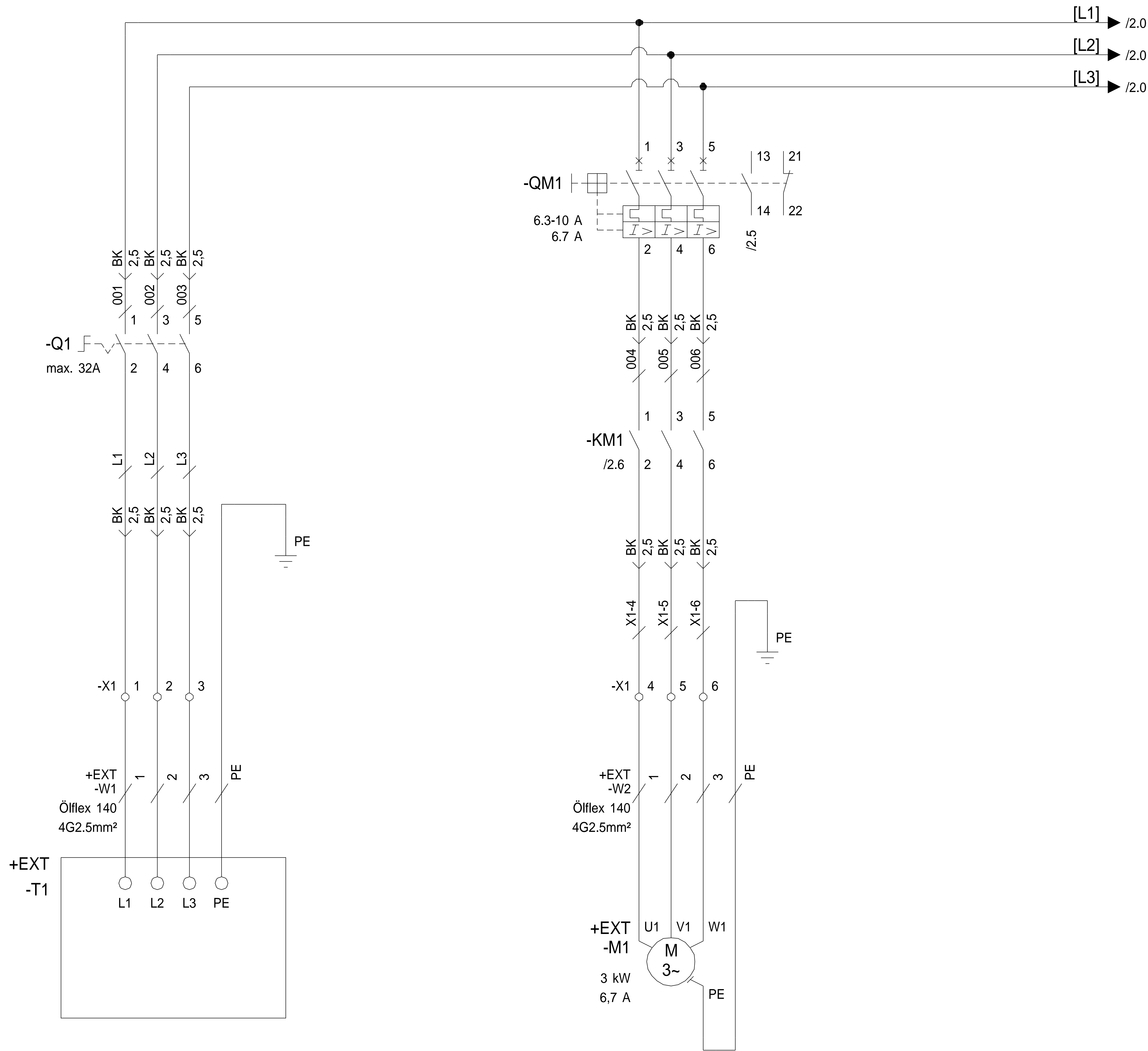
Lead	Cross-reference	Source	Terminal	Cross-reference	Wire name	Destination	Terminal	Cross-reference
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2	+AK1/1.4	+AK1-X1	5	+AK1/1.4		+EXT-M1	V1	+AK1/1.4
3	+AK1/1.4	+AK1-X1	6	+AK1/1.4		+EXT-M1	W1	+AK1/1.4
PE	+AK1/1.4	+AK1-XPE	PE	+AK1/1.4		+EXT-M1	PE	+AK1/1.4

6-1

+AK1/1

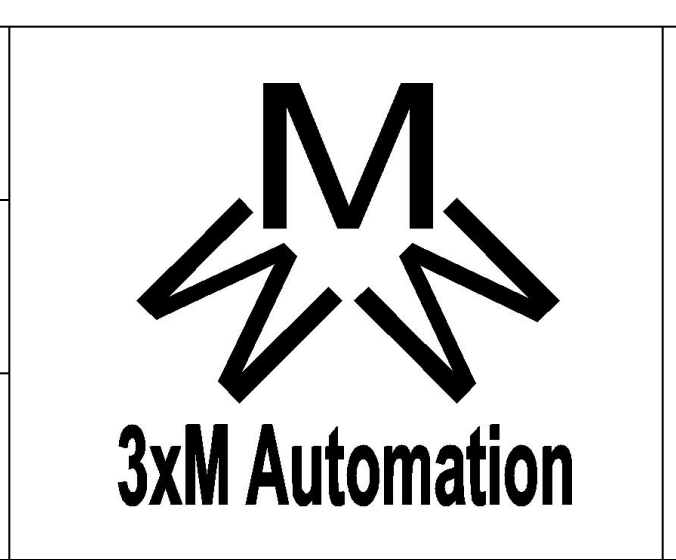
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Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 6-2

EXAMPLE PROJECT #1 2006-2017



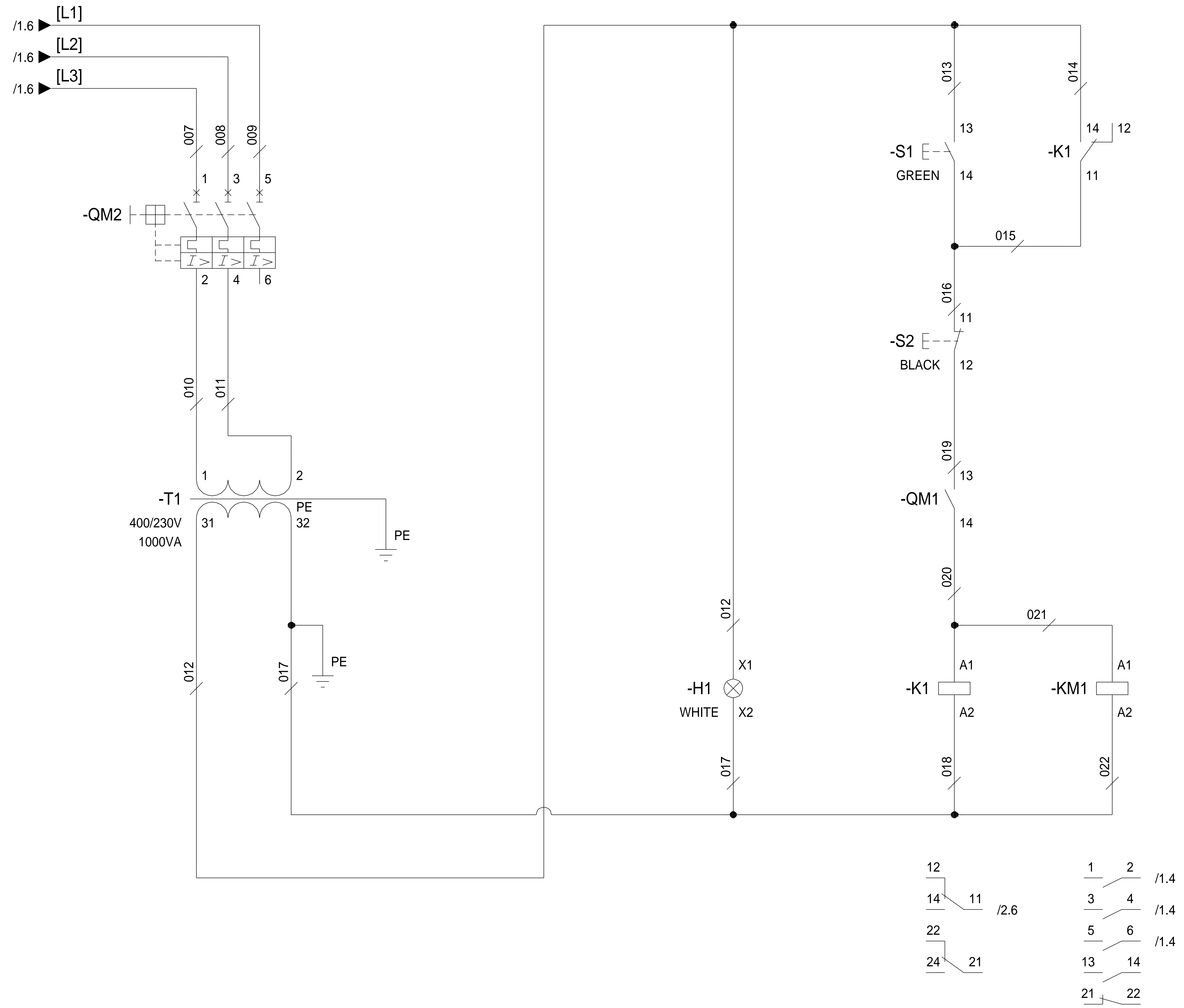
Rev	Revision text	Signature	Date
A	Updated page with info.	<init>	2006-01-29
B	New database	3xM	2016-07-07

Last changed by	3xM
Last changed	7/7/2016
Print date	27/9/2017



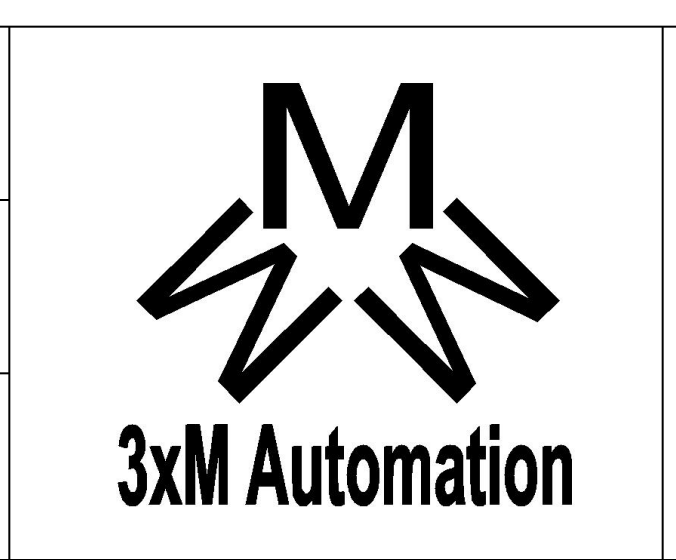
Circuit diagram page 1
 EXAMPLE PROJECT #1 2006-2017

Drawing number	Ex.1	Installation	=
Pages	14	Location	+ AK1
		Page number	1



Rev	Revision text	Signature	Date

Last changed by	3xM
Last changed	27/9/2017
Print date	27/9/2017



Circuit diagram page 2

EXAMPLE PROJECT #1 2006-2017

Drawing number	Ex.1
Pages	14

Installation	=
Location	+ AK1
Page number	2

0

1

2

3

4

5

6

7

8

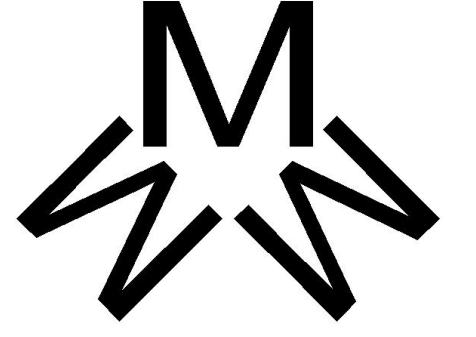
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Wire list

Wire type	Size	Color	Length	Source	Terminal	Cross-reference	Wire name	Destination	Terminal	Cross-reference
H07V-K	2,5mm ²	BLACK		-Q1	1	/1.1	001	-QM1	1	/1.4
H07V-K	2,5mm ²	BLACK		-Q1	3	/1.1	002	-QM1	3	/1.4
H07V-K	2,5mm ²	BLACK		-Q1	5	/1.1	003	-QM1	5	/1.4
H07V-K	2,5mm ²	BLACK		-Q1	2	/1.1	L1	-X1	1	/1.1
H07V-K	2,5mm ²	BLACK		-Q1	4	/1.1	L2	-X1	2	/1.1
H07V-K	2,5mm ²	BLACK		-Q1	6	/1.1	L3	-X1	3	/1.1
				-QM1	1	/1.4	009	-QM2	5	/2.1
				-QM1	3	/1.4	008	-QM2	3	/2.1
				-QM1	5	/1.4	007	-QM2	1	/2.1
H07V-K	2,5mm ²	BLACK		-QM1	2	/1.4	004	-KM1	1	/1.4
H07V-K	2,5mm ²	BLACK		-QM1	4	/1.4	005	-KM1	3	/1.4
H07V-K	2,5mm ²	BLACK		-QM1	6	/1.4	006	-KM1	5	/1.4
H07V-K	2,5mm ²	BLACK		-KM1	4	/1.4	X1-5	-X1	5	/1.4
H07V-K	2,5mm ²	BLACK		-KM1	2	/1.4	X1-4	-X1	4	/1.4
H07V-K	2,5mm ²	BLACK		-KM1	6	/1.4	X1-6	-X1	6	/1.4
				-QM2	2	/2.1	010	-T1	1	/2.1
				-QM2	4	/2.1	011	-T1	2	/2.1
				-T1	31	/2.1	012	-H1	X1	/2.4
				-T1	32	/2.1	017	-H1	X2	/2.4
				-T1	32	/2.1		-XPE	PE	/2.2
				-T1	PE	/2.1		-XPE	PE	/2.2
				-H1	X1	/2.4	013	-S1	13	/2.5
				-H1	X2	/2.4	018	-K1	A2	/2.5
				-S1	13	/2.5	014	-K1	14	/2.6
				-S1	14	/2.5	016	-S2	11	/2.5
				-QM1	14	/2.5	020	-K1	A1	/2.5
				-K1	A1	/2.5	021	-KM1	A1	/2.6
				-K1	A2	/2.5	022	-KM1	A2	/2.6
				-S2	12	/2.5	019	-QM1	13	/2.5
				-K1	11	/2.6	015	-S2	11	/2.5

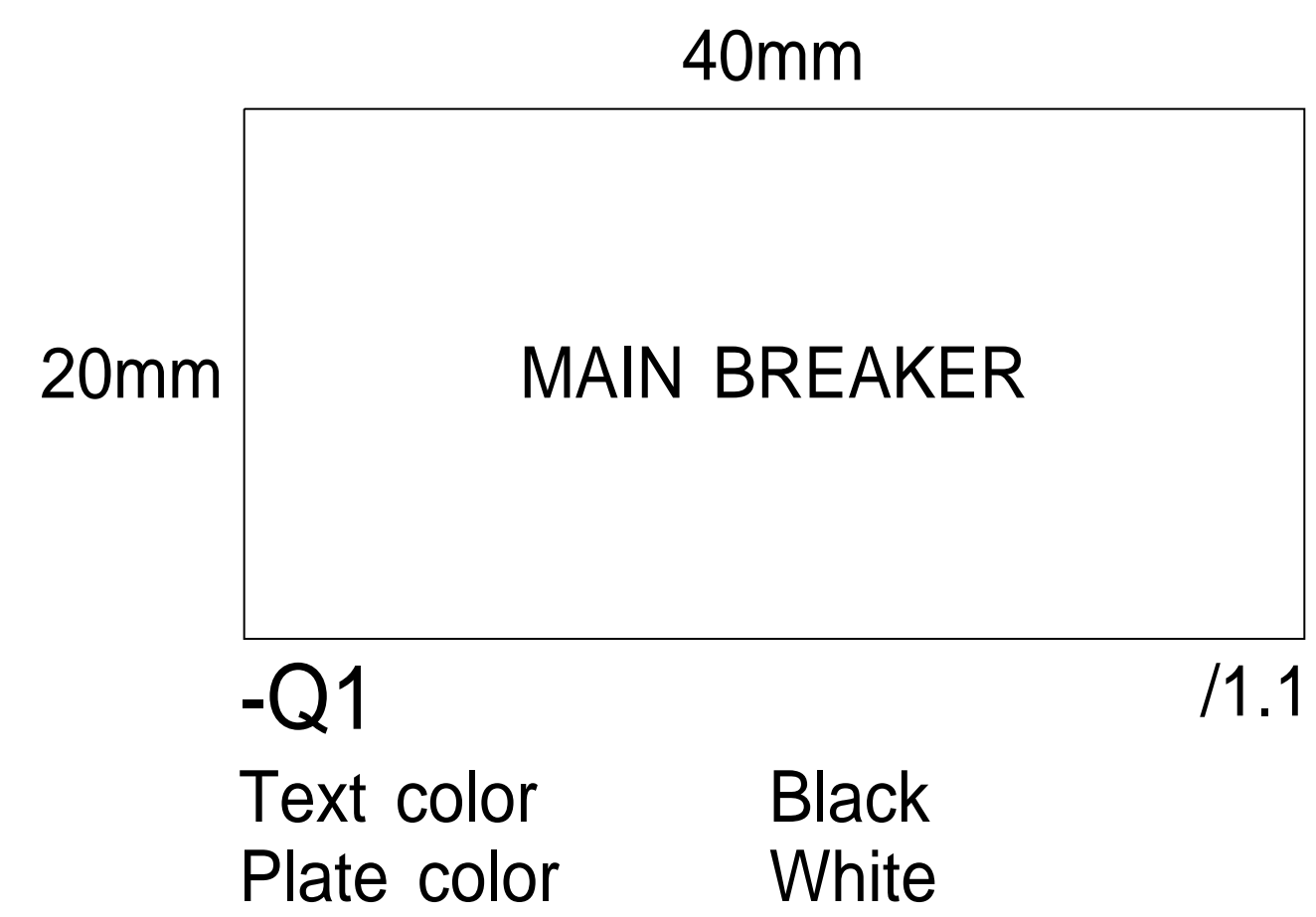
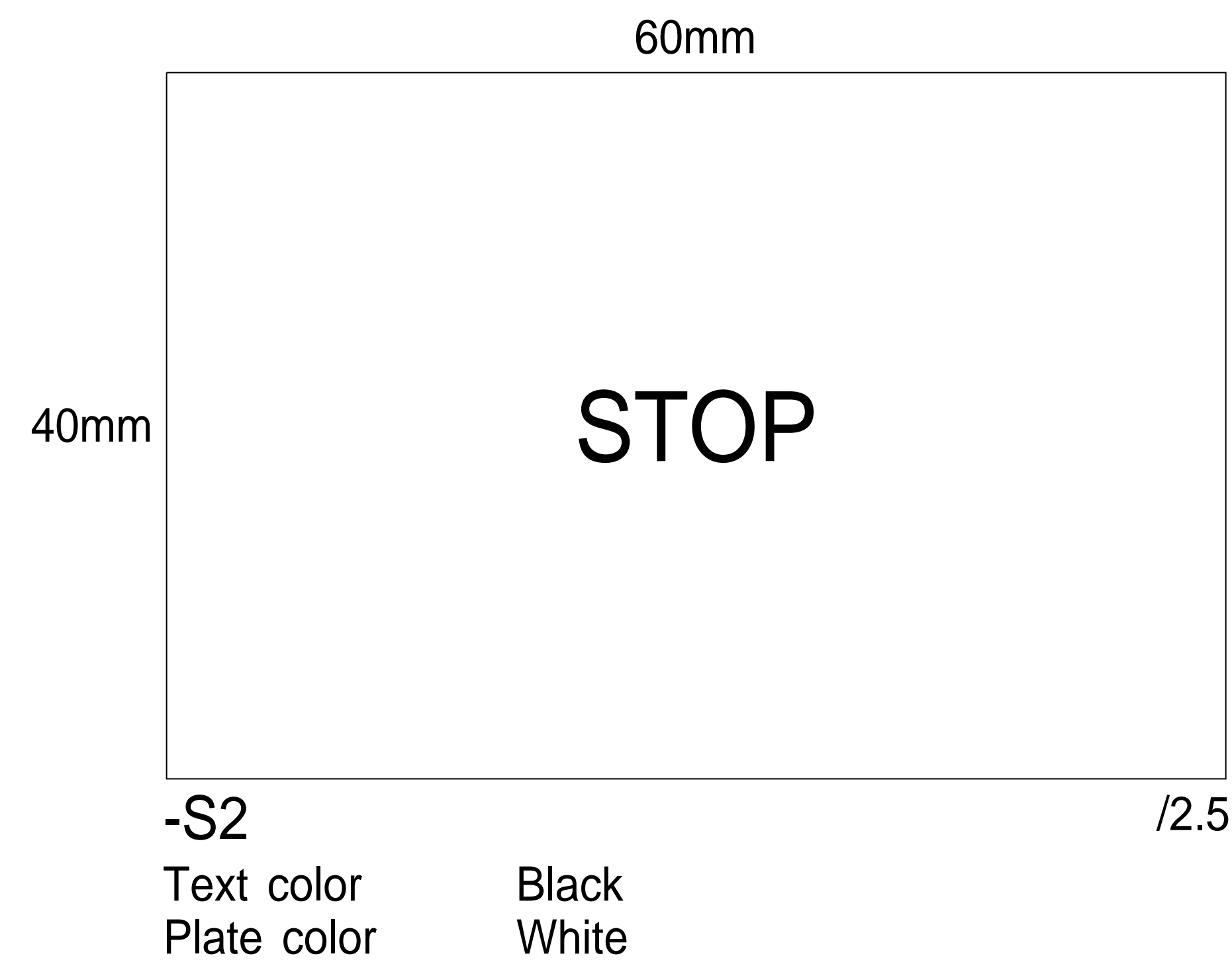
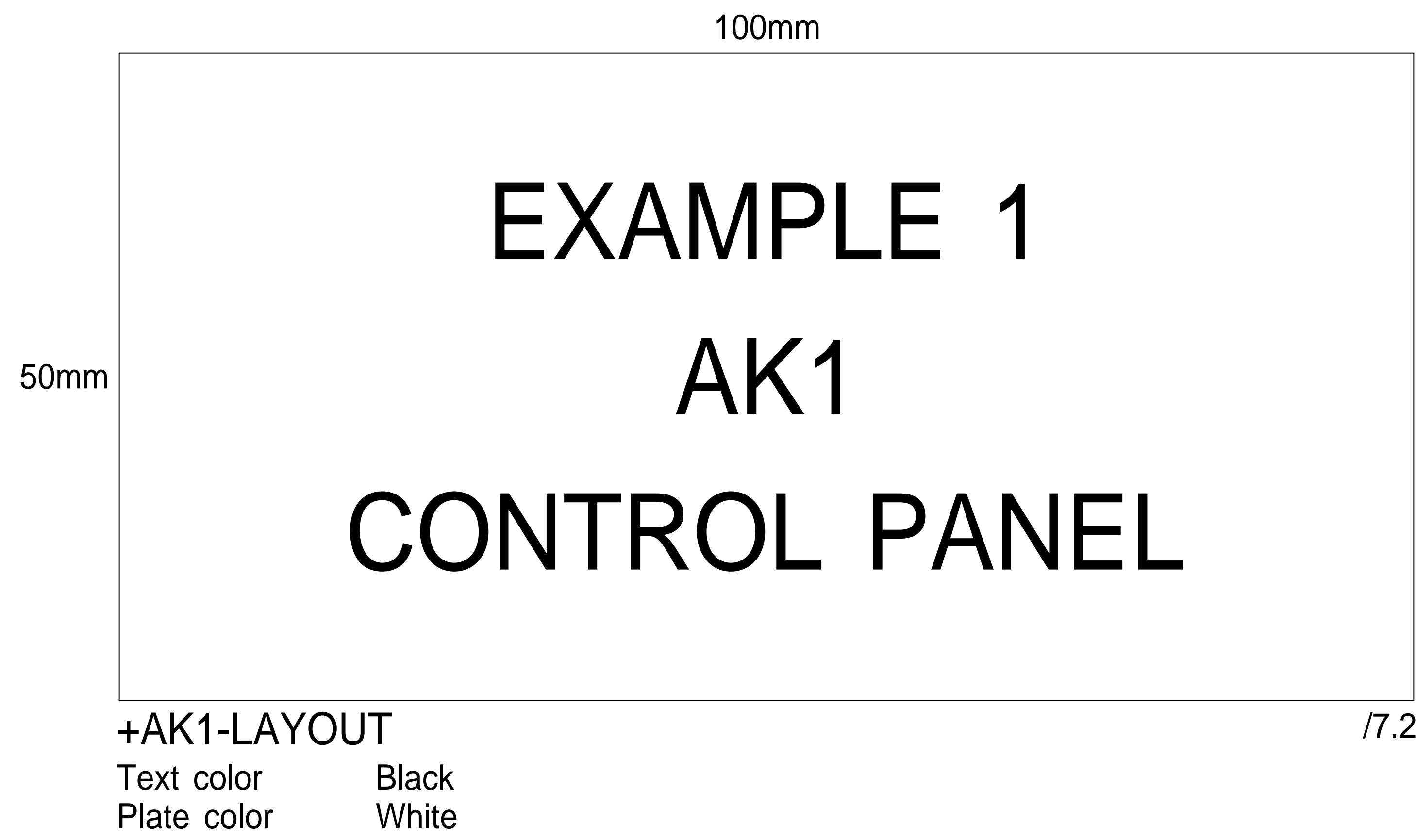
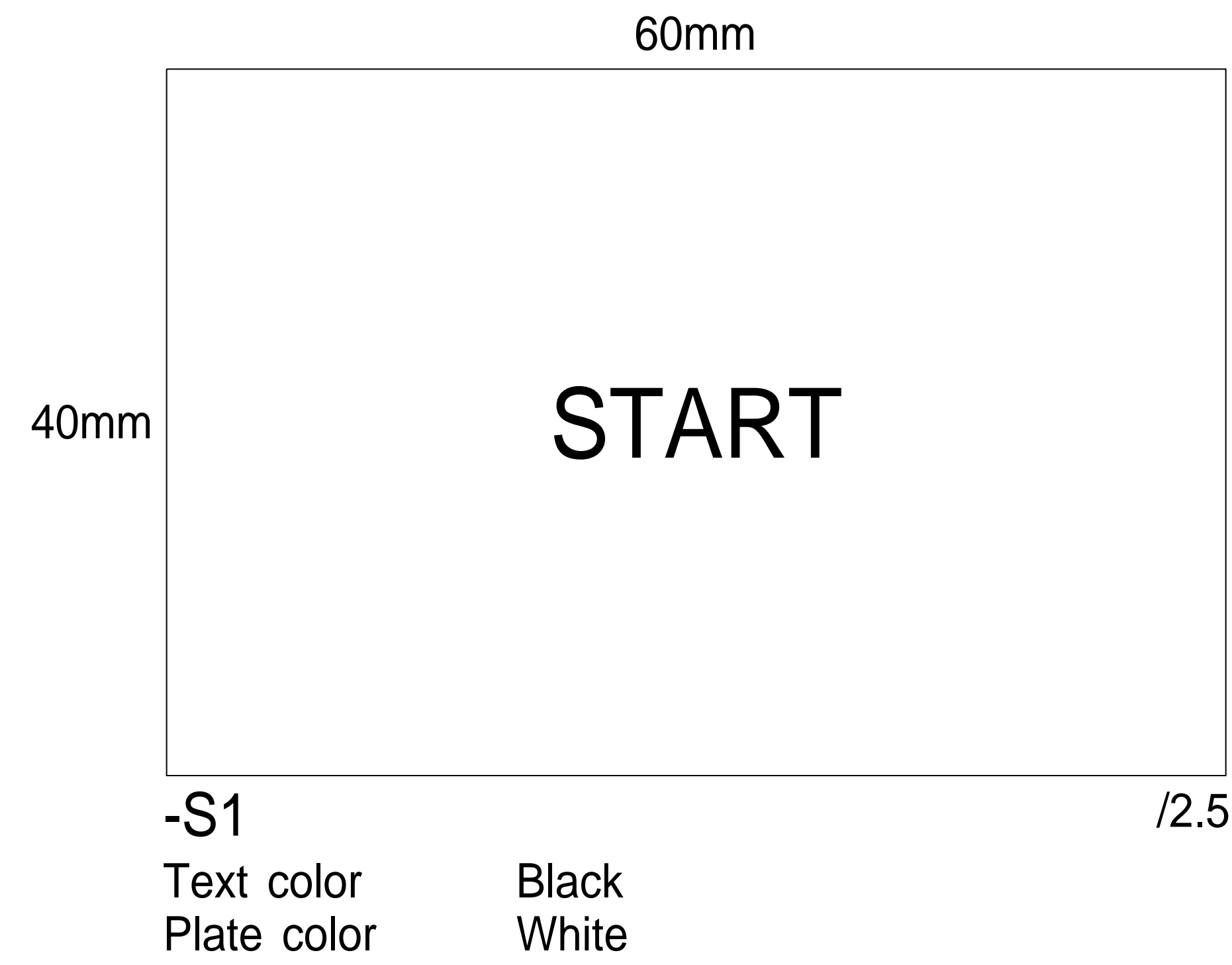
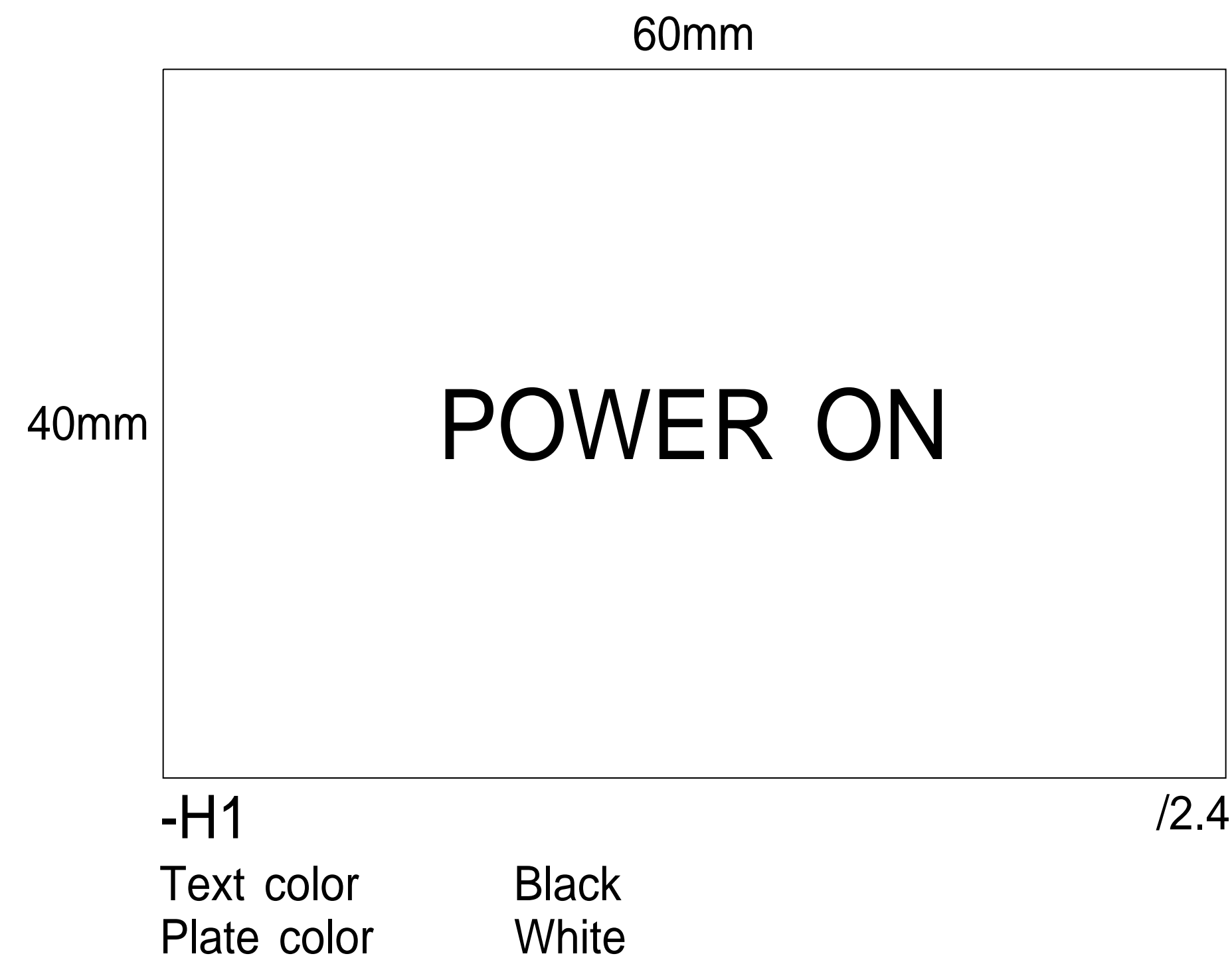
+AK1/2

+AK1/4-1

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Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 3-1

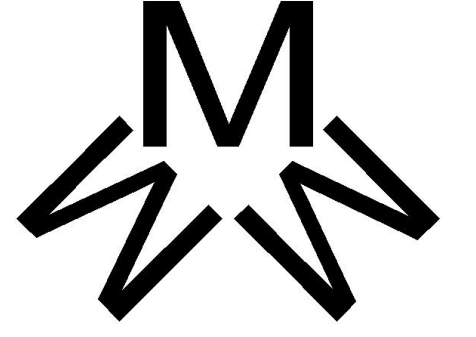
EXAMPLE PROJECT #1 2006-2017

Engraving plate list



+AK1/4-1

+AK1/6-1

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				Generated 27/9/2017		EXAMPLE PROJECT #1 2006-2017	Ex.1	Location + AK1
Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 5-1

0

1

2

3

4

5

6

7

8

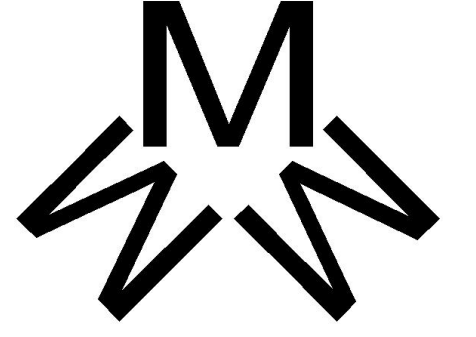
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Recommended spare part list

Units	Description	Article number	Order number	Manufacturer	Supplier
1	Motor protective circuit breaker, 0.1-0.16A	072730	PKZM0-0.16	Moeller Electric	Moeller Electric

+AK1/5-1

+AK1/7

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				Generated 27/9/2017			Ex.1	Location + AK1
Rev	Revision text	Signature	Date	Print date 27/9/2017			Pages 14	Page number 6-1

0

1

2

3

4

5

6

7

8

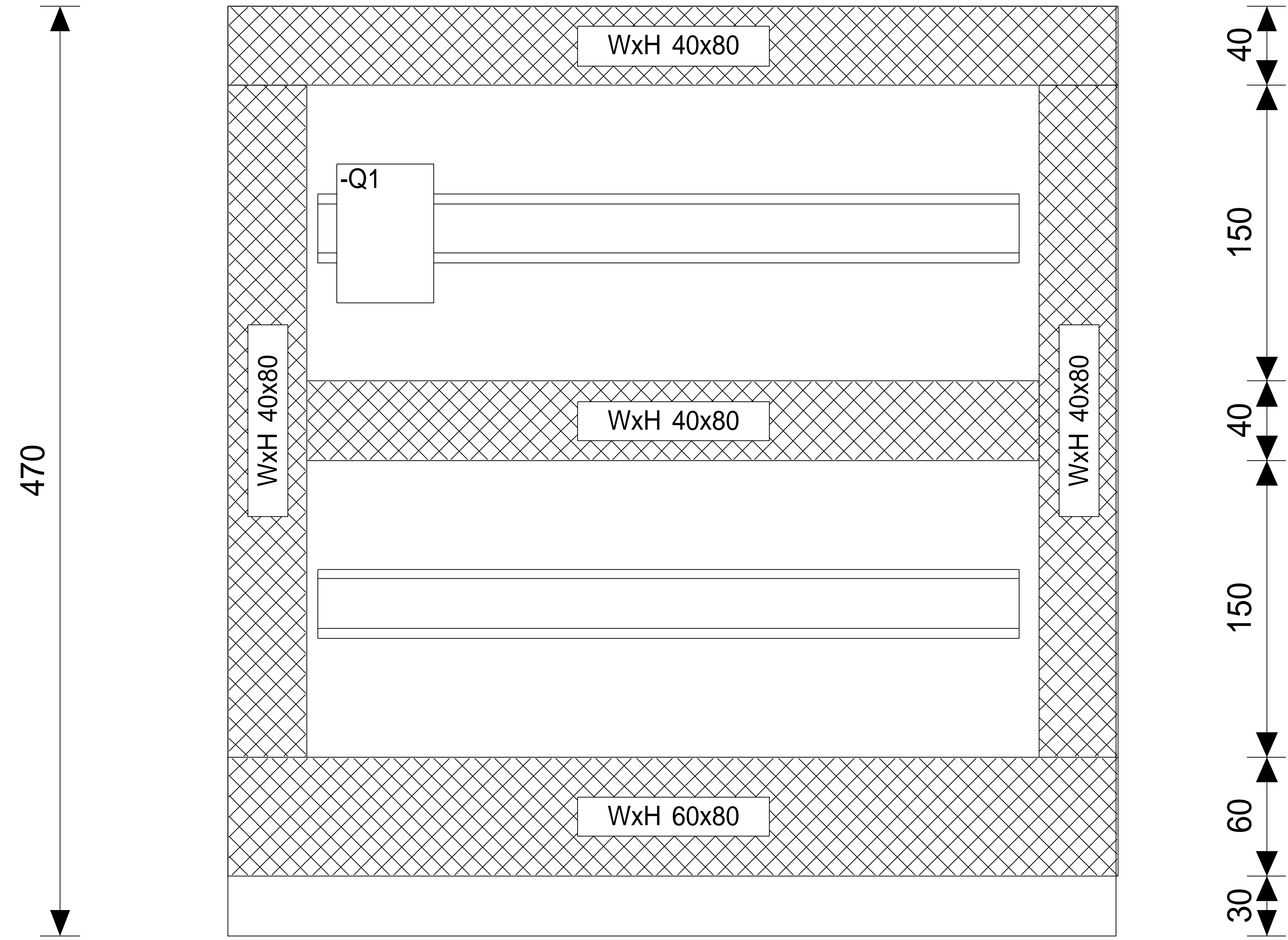
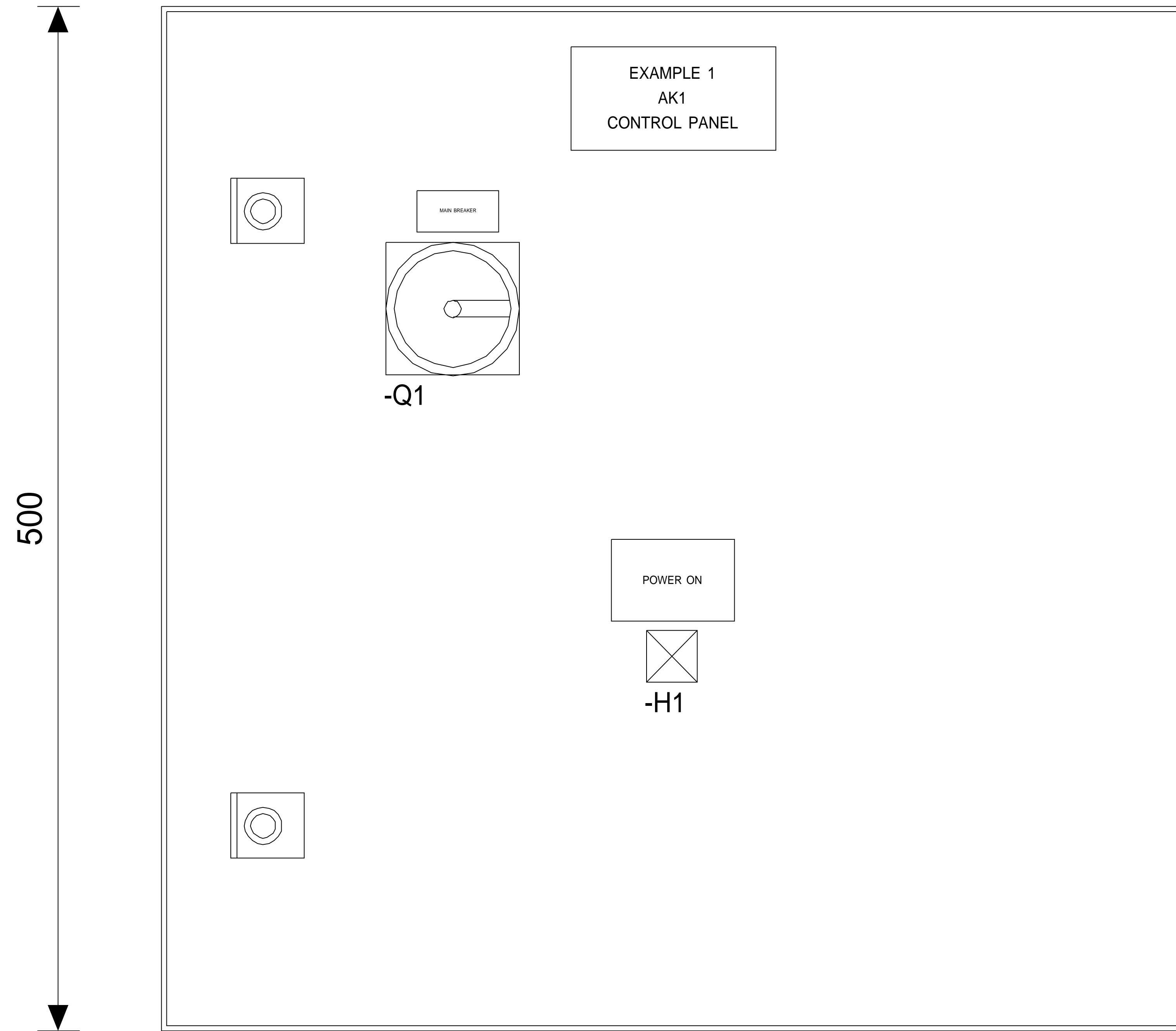
9

Control panel

Mounting plate

500

449



6-1

Rev	Revision text	Signature	Date	Last changed by 3xM
				Last changed 27/9/2017
				Print date 27/9/2017



LAYOUT

EXAMPLE PROJECT #1 2006-2017

Drawing number

Ex.1

Pages

14

Installation =

Location + AK1

Page number

7