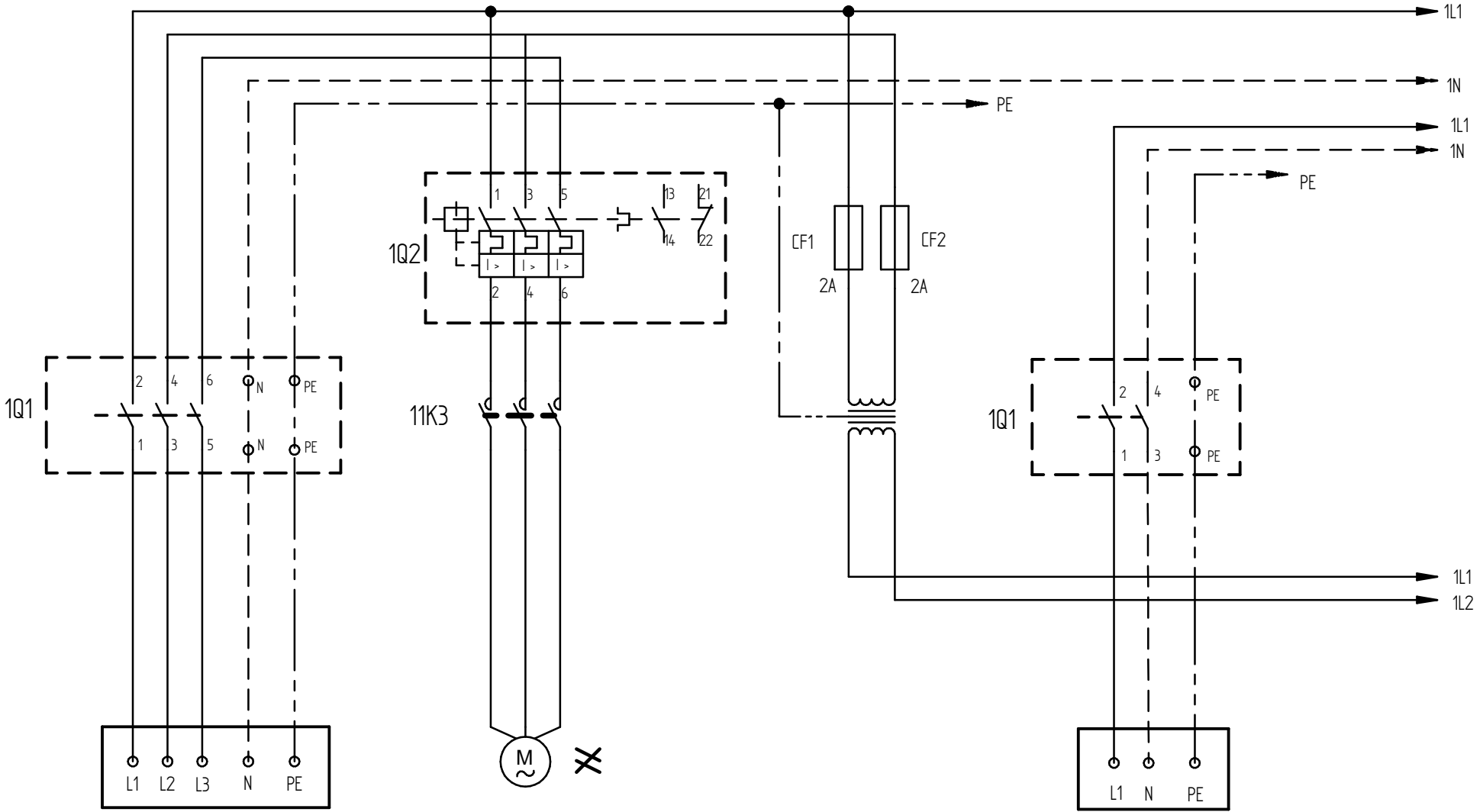


IF IN DOUBT, ASK!!



INCOMING CUSTOMER SUPPLY,  
380-575v 50/60Hz 3 Ph  
C2/C4 OPTIONS

HYDRAULIC POWER PACK  
MOTOR. P=1.5kW

CONTROL TRANSFORMER

INCOMING CUSTOMER SUPPLY,  
110-240v 50/60Hz 1 Ph  
NOT C2/C4 OPTIONS

	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE  
A4

SHEET 1 OF 19  
FILE NAME: S2001.dft

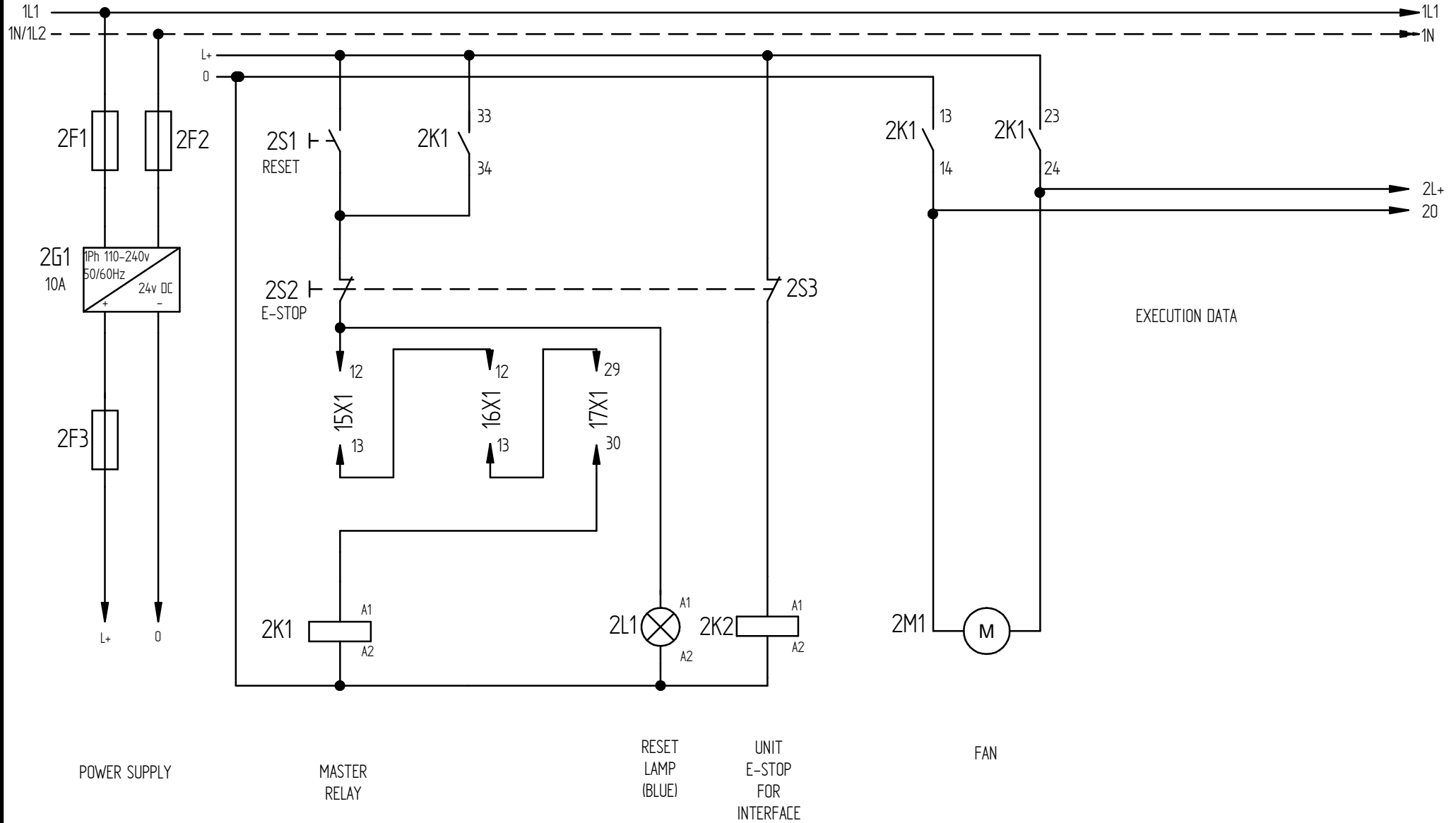
**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

**RM350 SERIES**

REV  
E

IF IN DOUBT, ASK!!



	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE A4  
 SHEET 2 OF 19  
 FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
 Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

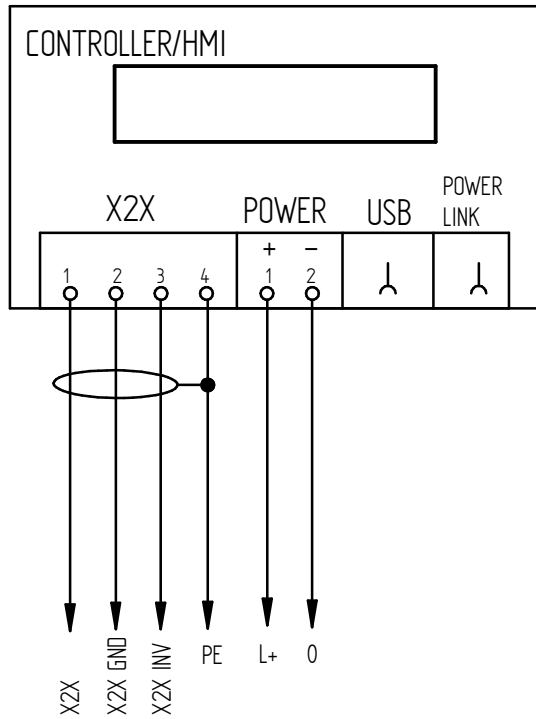
DWG NO S2001

RM350 SERIES  
 REV E

IF IN DOUBT, ASK!!

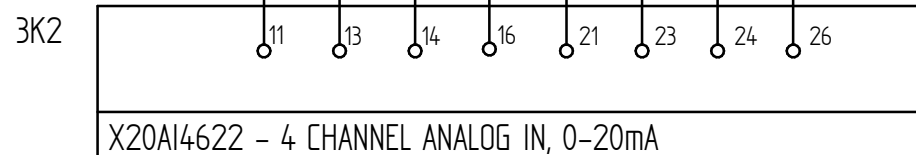
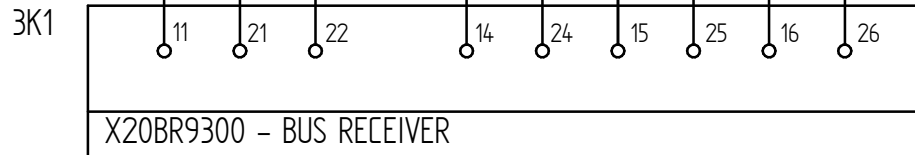
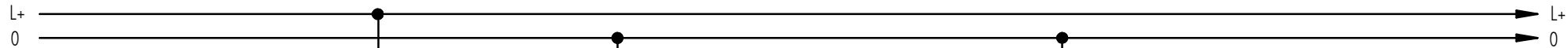
I/O RACK

3A1



3K1	3K2	3K3	3K4	3K5	3K6	3K7
X20BR9300 BUS RECEIVER	X20AI4622 ANALOG IN	X20AI4622 ANALOG IN	X20AO4622 ANALOG OUT	X20DIF371 DIGITAL IN	X20D09322 DIGITAL OUT	X20D09322 DIGITAL OUT (CS/C2/C4 OPTION ONLY)
○ 11 21○ ○ 22○ ○ ○ ○ 14 24○ ○ 15 25○ ○ 16 26○	○ 11 21○ ○ ○ ○ 13 23○ ○ 14 24○ ○ ○ ○ 16 26○	○ 11 21○ ○ ○ ○ 13 23○ ○ 14 24○ ○ ○ ○ 16 26○	○ ○ ○ 12 22○ ○ 13 23○ ○ ○ ○ 15 25○ ○ 16 26○	○ 11 21○ ○ 12 22○ ○ 13 23○ ○ 14 24○ ○ 15 25○ ○ 16 26○ ○ ○ ○ 18 28○	○ 11 21○ ○ 12 22○ ○ 13 23○ ○ 14 24○ ○ 15 ○ ○ ○	○ 11 21○ ○ 12 22○ ○ 13 23○ ○ 14 24○ ○ 15 25○ ○ ○

IF IN DOUBT, ASK!!



VALVE 1	VALVE 2	VALVE 3	VALVE 4
PRESSURE	PRESSURE	PRESSURE	PRESSURE
0-20mA	0-20mA	0-20mA	0-20mA
0-400 BAR	0-400 BAR	0-400 BAR	0-400 BAR

NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

SIZE  
A4

SHEET 4 OF 19  
FILE NAME: S2001.dft

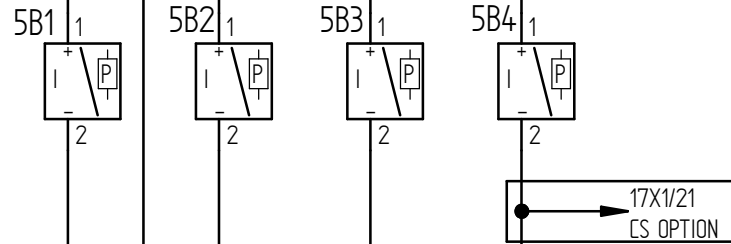
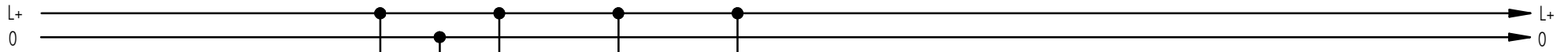
**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

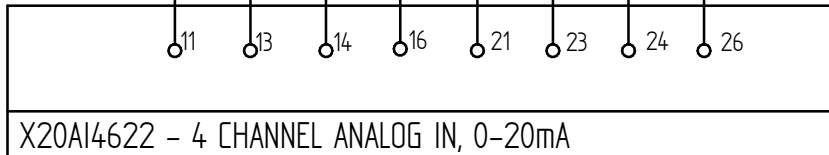
RM350 SERIES

REV  
E

IF IN DOUBT, ASK!!



3K3



INLET GAS  
PRESSURE  
4-20mA  
0-400 BAR

BOOSTER  
OUTLET  
PRESSURE  
4-20mA  
0-400 BAR

AIR INLET  
PRESSURE  
4-20mA  
0-10 BAR

HYDRAULIC  
PRESSURE  
4-20mA  
0-400 BAR

CS/C2/C4 OPTION  
ONLY

	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE  
A4

SHEET 5 OF 19  
FILE NAME: S2001.dft

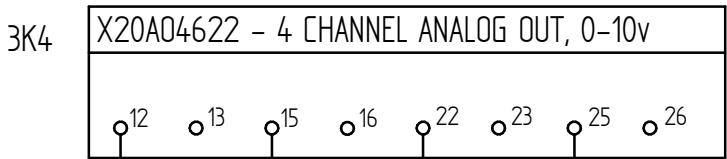
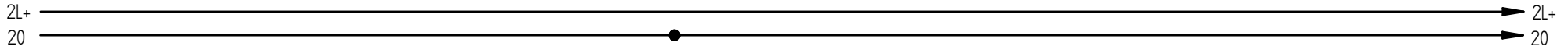
**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

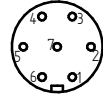
RM350 SERIES

REV  
E

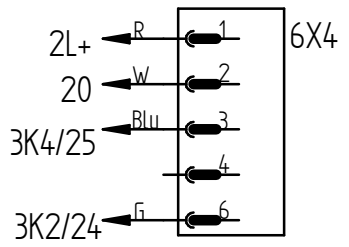
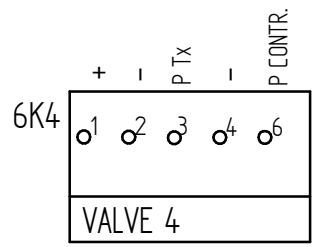
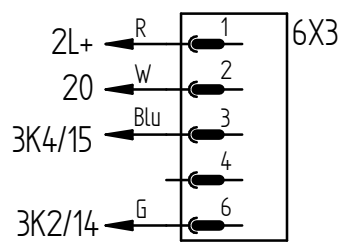
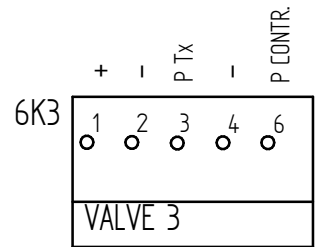
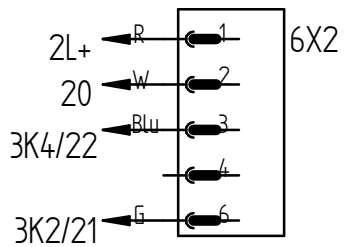
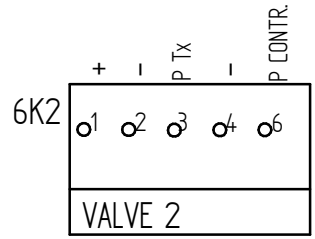
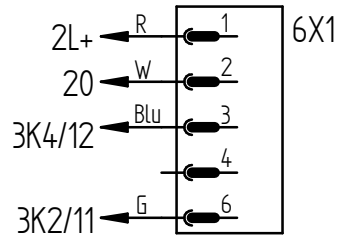
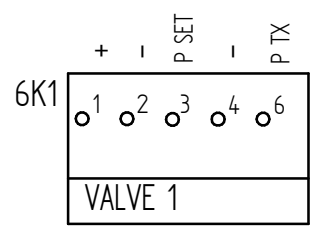
IF IN DOUBT, ASK!!



12X1 - 12X4:  
7 PIN FEMALE  
CABLE SOCKET



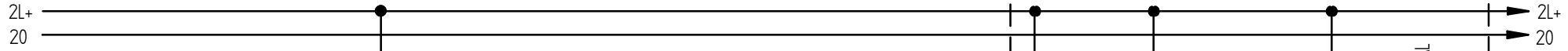
VIEW OF SOCKET  
LOOKING AT  
PINS



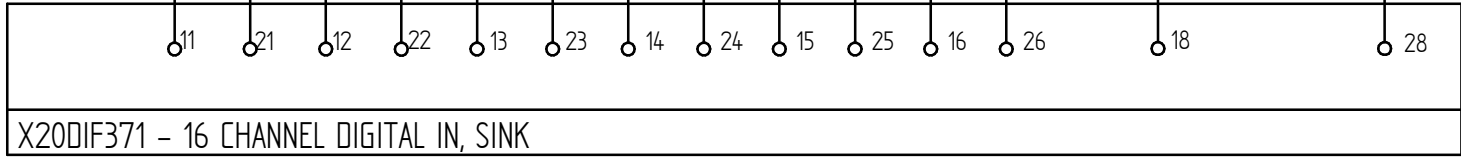
VALVE 1	VALVE 2	VALVE 3	VALVE 4
PRESSURE CONTROL	PRESSURE CONTROL	PRESSURE CONTROL	PRESSURE CONTROL
0-10v	0-10v	0-10v	0-10v
0-400 BAR	0-400 BAR	0-400 BAR	0-400 BAR

0 1 2 3 4 5 6 7 8 9

IF IN DOUBT, ASK!!



3K5



X20DIF371 - 16 CHANNEL DIGITAL IN, SINK

MASTER RELAY

INTERLOCK  
INTERFACE 1

INTERLOCK  
INTERFACE 2

START SIGNAL A  
INTERFACE 1

START SIGNAL B  
INTERFACE 1

START SIGNAL A  
INTERFACE 2

START SIGNAL B  
INTERFACE 2

MOULD  
INTERFACE 1

MOULD  
INTERFACE 2

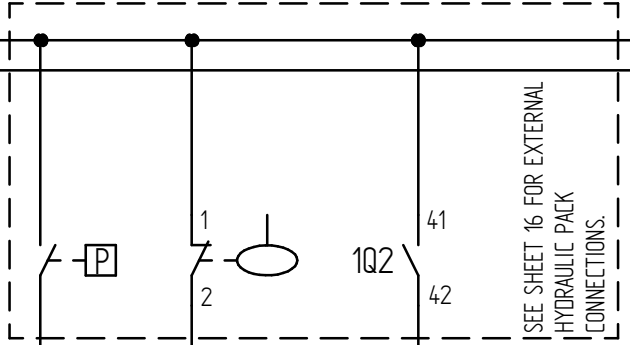
IMM RESET  
INTERFACE 1

IMM RESET  
INTERFACE 2

BOOSTER STROKE  
SENSOR

HYDRAULIC PACK  
OIL LEVEL SWITCH

HYDRAULIC PUMP  
MOTOR OVERLOAD



SEE SHEET 16 FOR EXTERNAL  
HYDRAULIC PACK  
CONNECTIONS.

	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE  
A4

SHEET 7 OF 19  
FILE NAME: S2001.dft

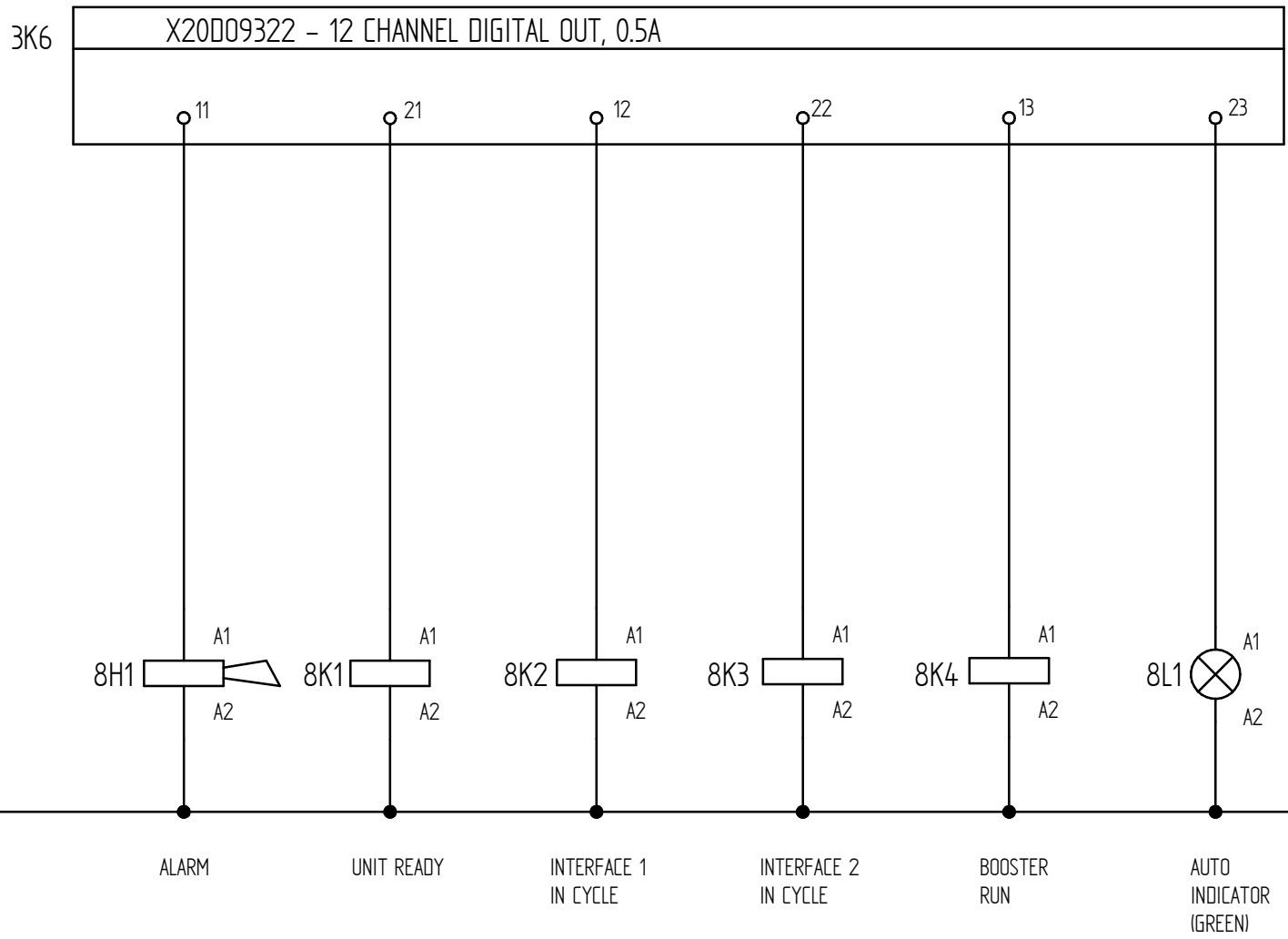
**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

RM350 SERIES

REV  
E

IF IN DOUBT, ASK!!



	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE A4  
 SHEET 8 OF 19  
 FILE NAME: S2001.dft

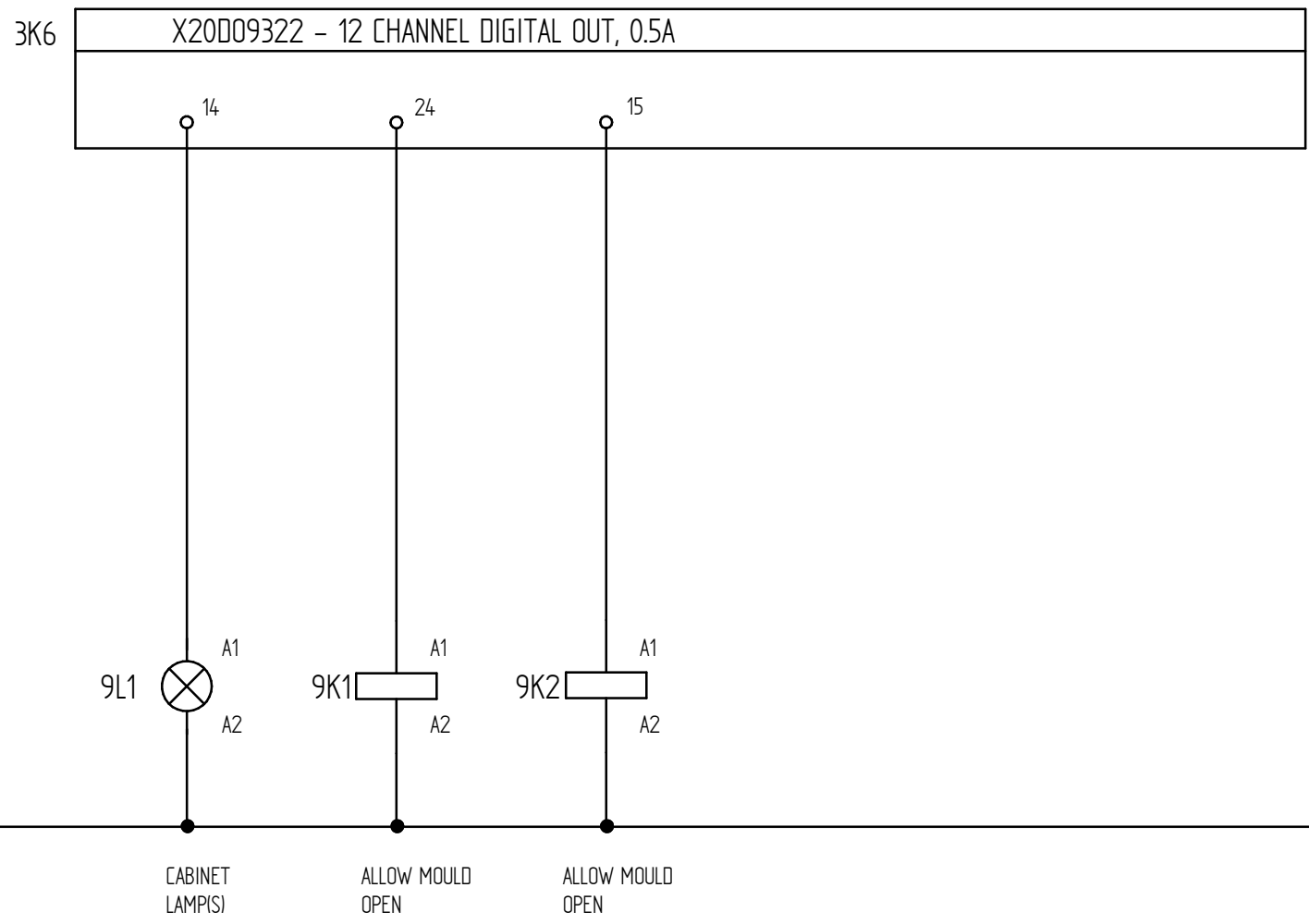
**MAXIMATOR**® Unit 9 King St Trading Estate  
 Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001  
 RM350 SERIES

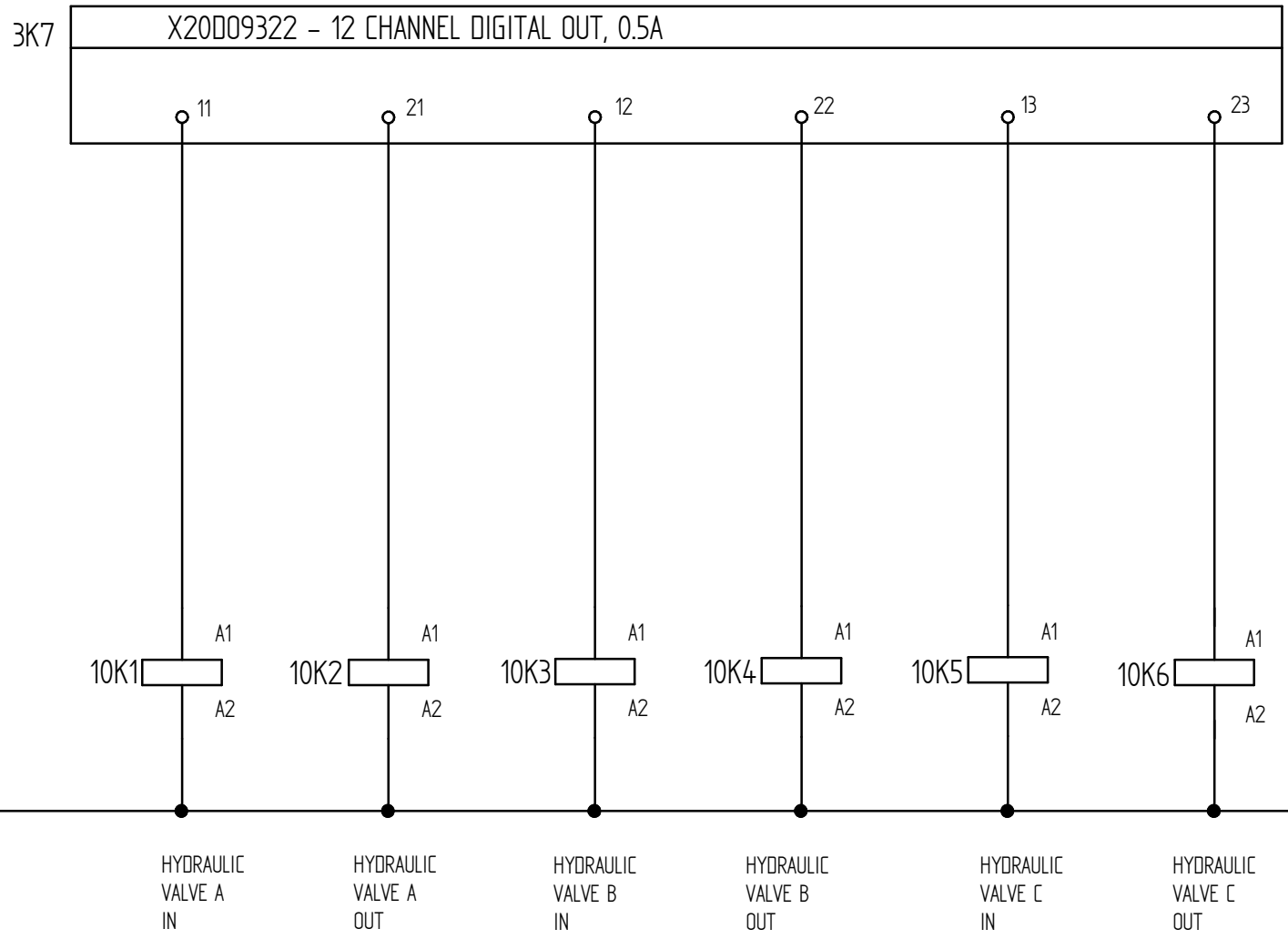
REV E



IF IN DOUBT, ASK!!



IF IN DOUBT, ASK!!



	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

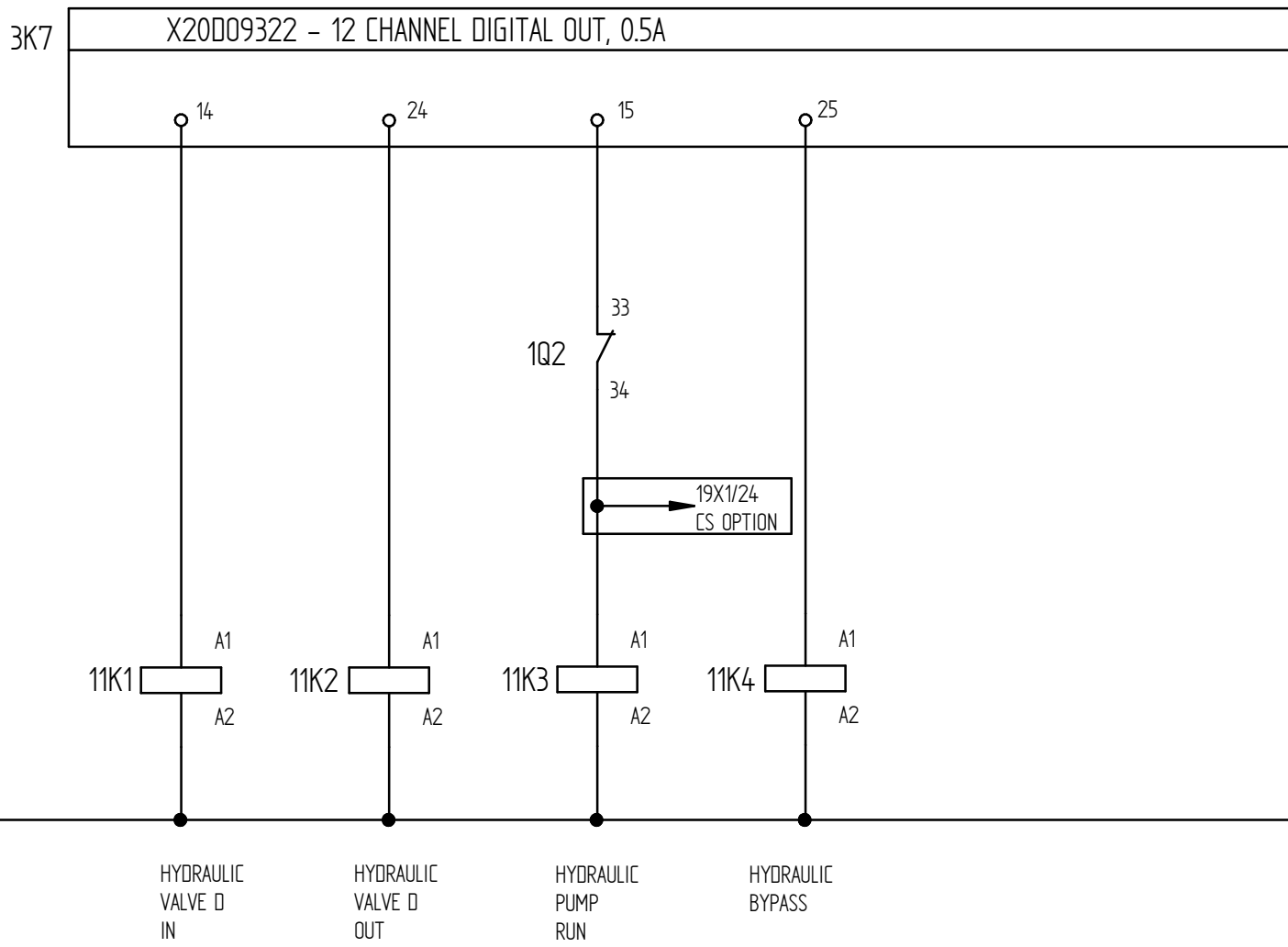
SIZE A4  
 SHEET 10 OF 19  
 FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
 Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001  
 RM350 SERIES

REV E

IF IN DOUBT, ASK!!



	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

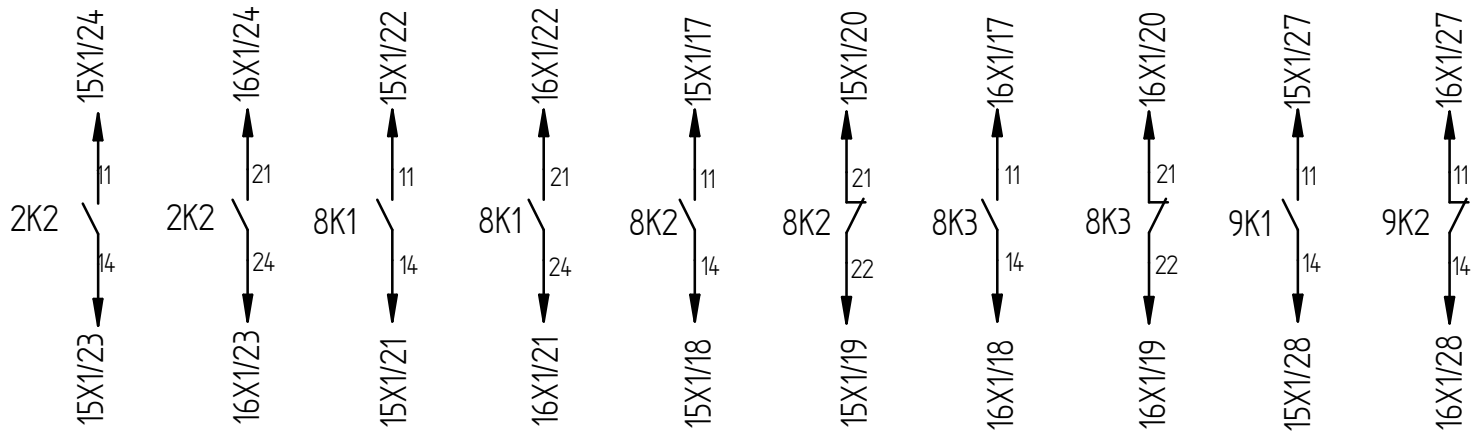
SIZE A4  
 SHEET 11 OF 19  
 FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
 Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001  
 RM350 SERIES

REV E

IF IN DOUBT, ASK!!



NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

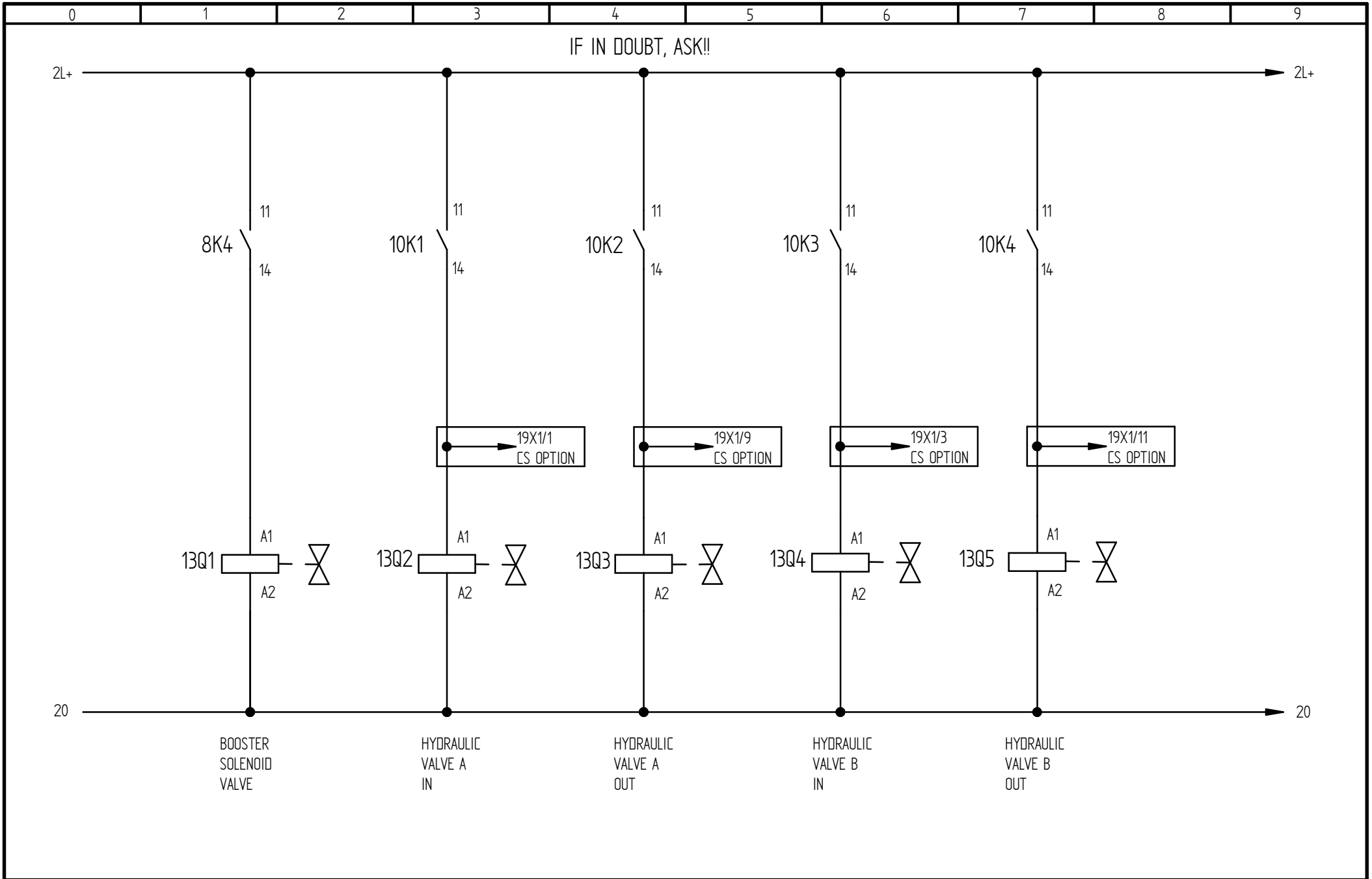
SIZE A4  
 SHEET 12 OF 19  
 FILE NAME: S2001.dft

**MAXIMATOR**<sup>®</sup> Unit 9 King St Trading Estate  
 Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

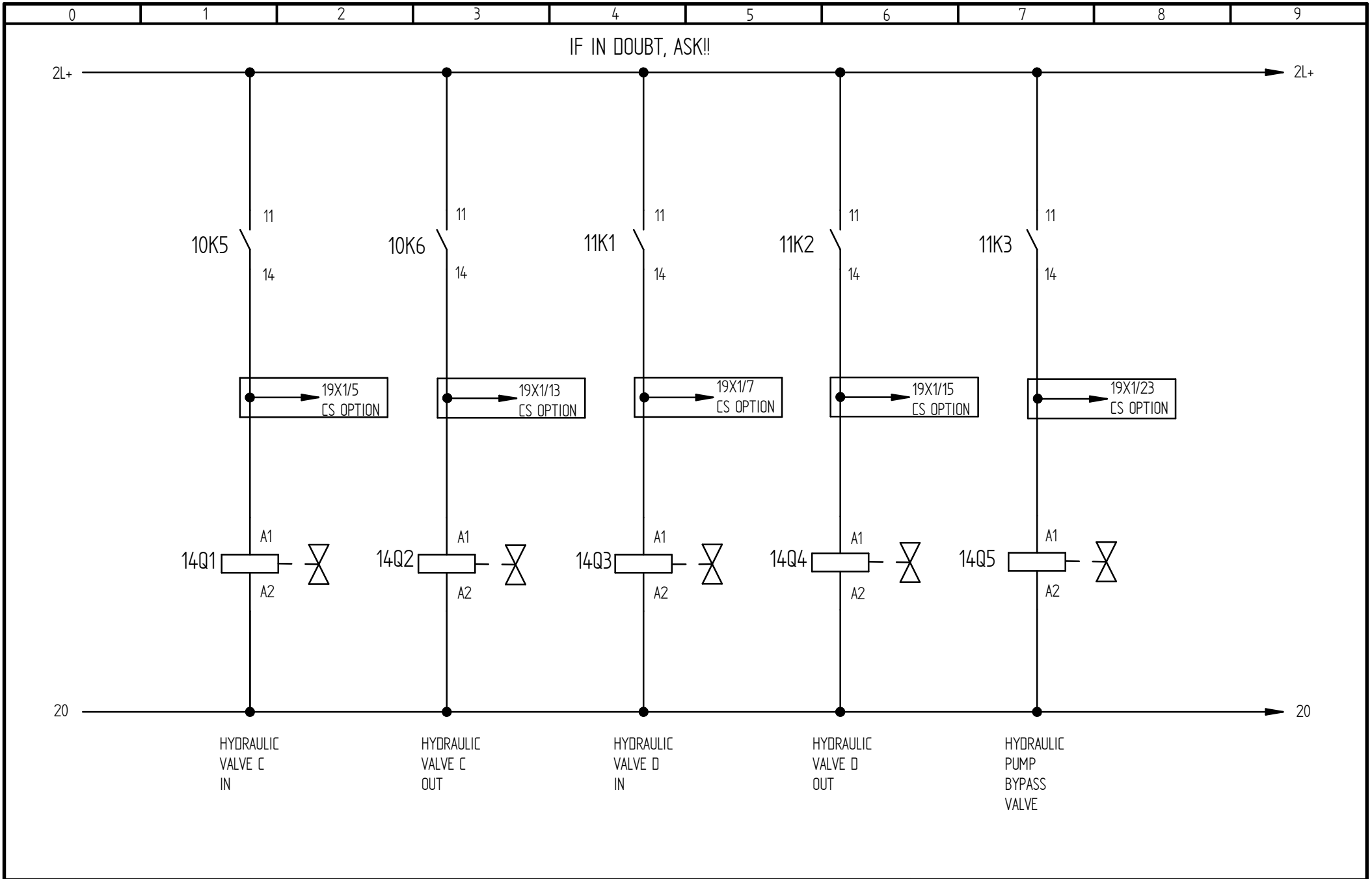
DWG NO S2001

RM350 SERIES

REV E



	NAME	DATE	SIZE A4	SHEET 13 OF 19 FILE NAME: S2001.dft	<b>MAXIMATOR</b> <sup>®</sup> Unit 9 King St Trading Estate Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK	RM350 SERIES DWG NO S2001	REV E
DRAWN	Jon	25/04/16					
CHECKED							



	NAME	DATE
DRAWN	Jon	25/04/16
CHECKED		

SIZE  
A4

SHEET 14 OF 19  
FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

RM350 SERIES

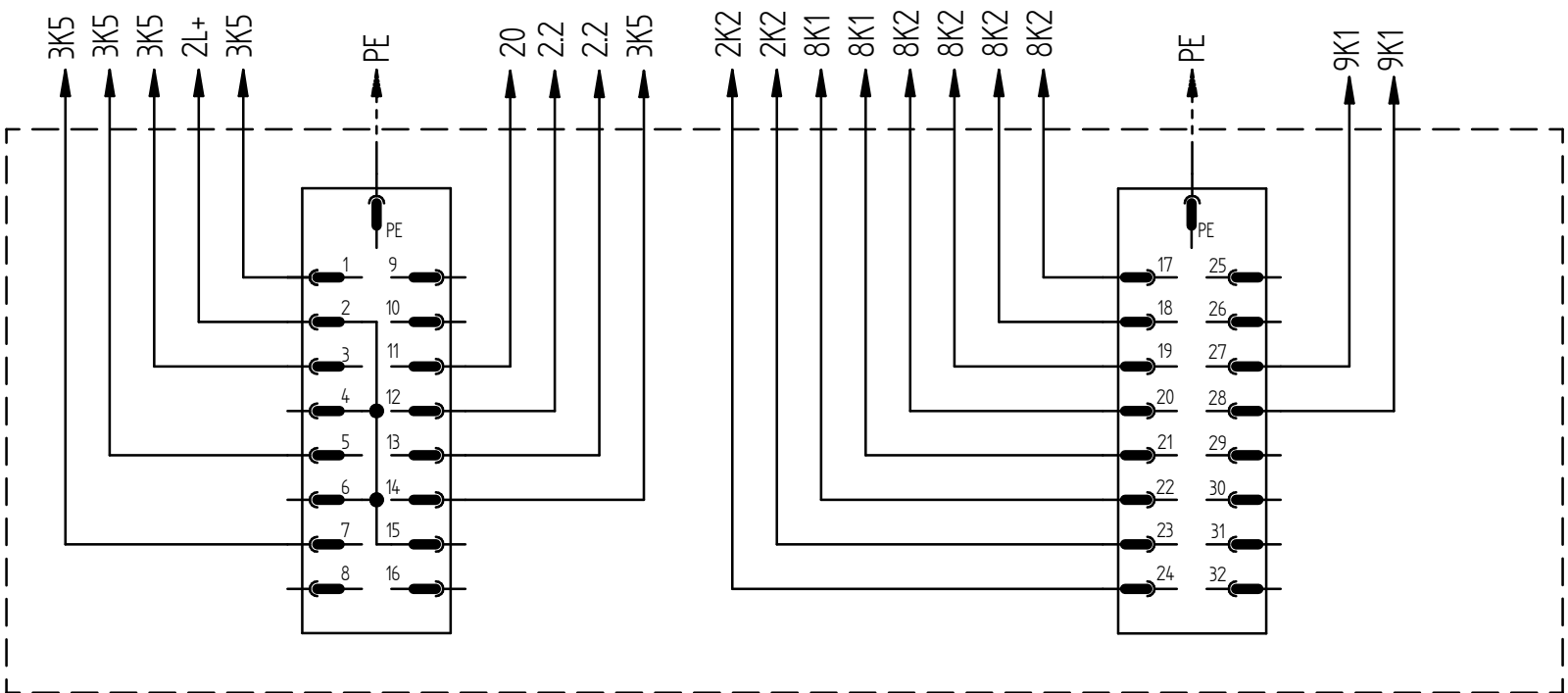
DWG NO S2001

REV  
E

IF IN DOUBT, ASK!!

15X1  
INJECTION MOULDING  
MACHINE INTERFACE  
NUMBER 1

- 13 GAS START SIGNAL B 3K5
- 22 GAS START SIGNAL A 3K5
- 21 MOULDING MACHINE INTERLOCK +24 V dc CONTROL 3K5
- 24 MOULD CLOSED 2L+
- 0v dc CONTROL 20
- MOULDING MACHINE E STOP 2.2
- 25 RESET HYDRAULIC CORES 2.2
- 11 MOULD CLOSED 3K5
- 14 UNIT READY TO CYCLE 2K2
- UNIT NOT IN A CYCLE 8K1
- 21 UNIT IN A CYCLE 8K2
- 22 8K2
- 14 8K2
- 11 8K2
- 11 ALLOW MOULD OPEN 9K1
- 14 9K1



NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

SIZE A4  
SHEET 15 OF 19  
FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

RM350 SERIES

REV E

IF IN DOUBT, ASK!!

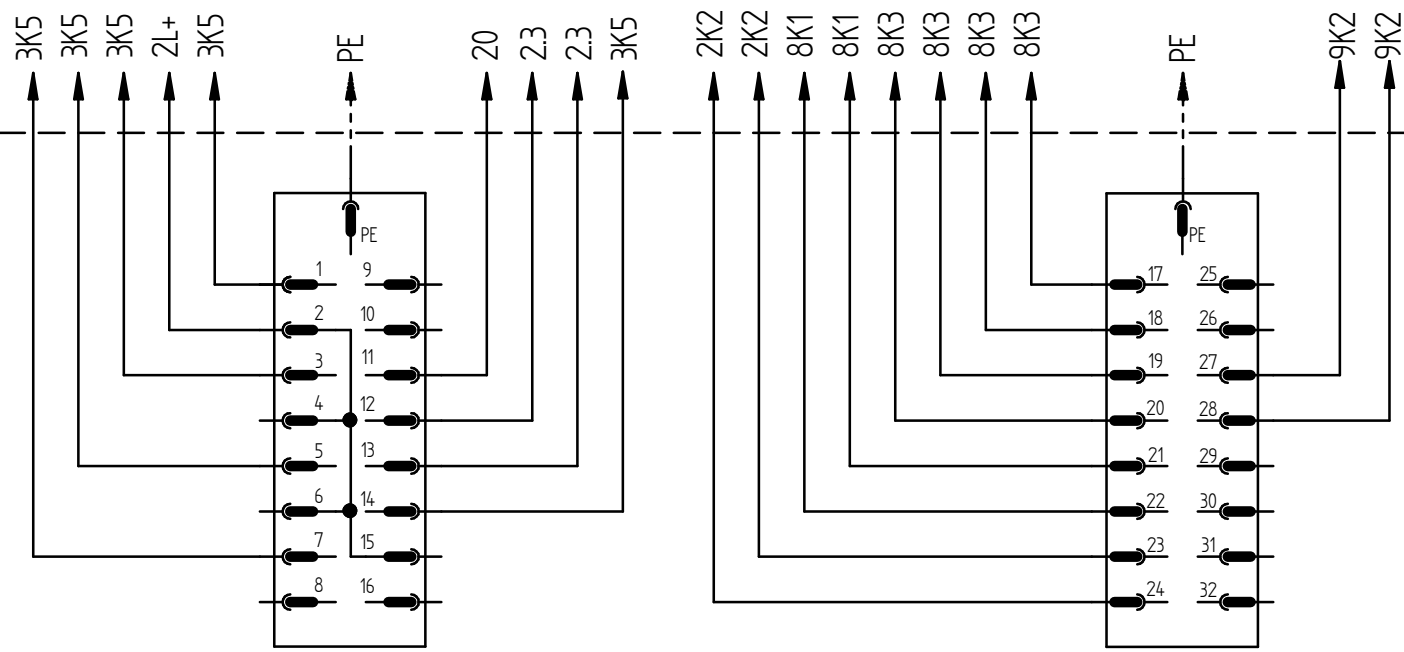
16X1  
INJECTION MOULDING  
MACHINE INTERFACE  
NUMBER 2

14 GAS START SIGNAL B  
23 GAS START SIGNAL A  
12 MOULDING MACHINE INTERLOCK  
+24 v dc CONTROL  
15 MOULD CLOSED

0v dc CONTROL  
MOULDING MACHINE E STOP  
16 RESET HYDRAULIC CORES

21 MOULD CLOSED  
24  
21 UNIT READY TO CYCLE  
24  
21 UNIT NOT IN A CYCLE  
22  
14 UNIT IN A CYCLE  
11

11 ALLOW MOULD OPEN  
14



NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

SIZE A4  
SHEET 16 OF 19  
FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

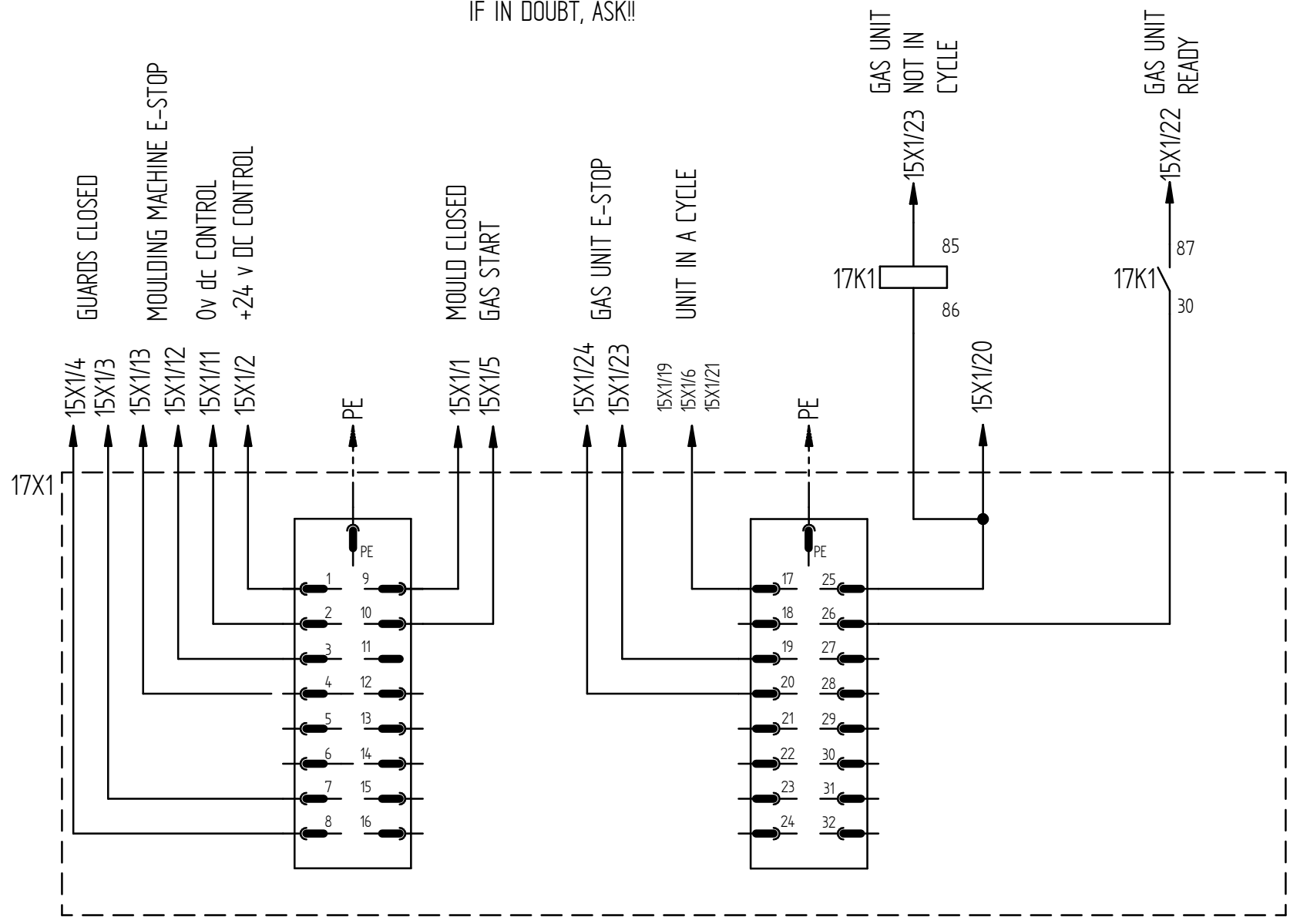
RM350 SERIES

REV E



IF IN DOUBT, ASK!!

EUROMAP 62  
ADAPTOR  
(ACCESSORY)  
INTERFACE  
NUMBER 1



NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

SIZE A4  
SHEET 17 OF 19  
FILE NAME: S2001.dft

**MAXIMATOR**® Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

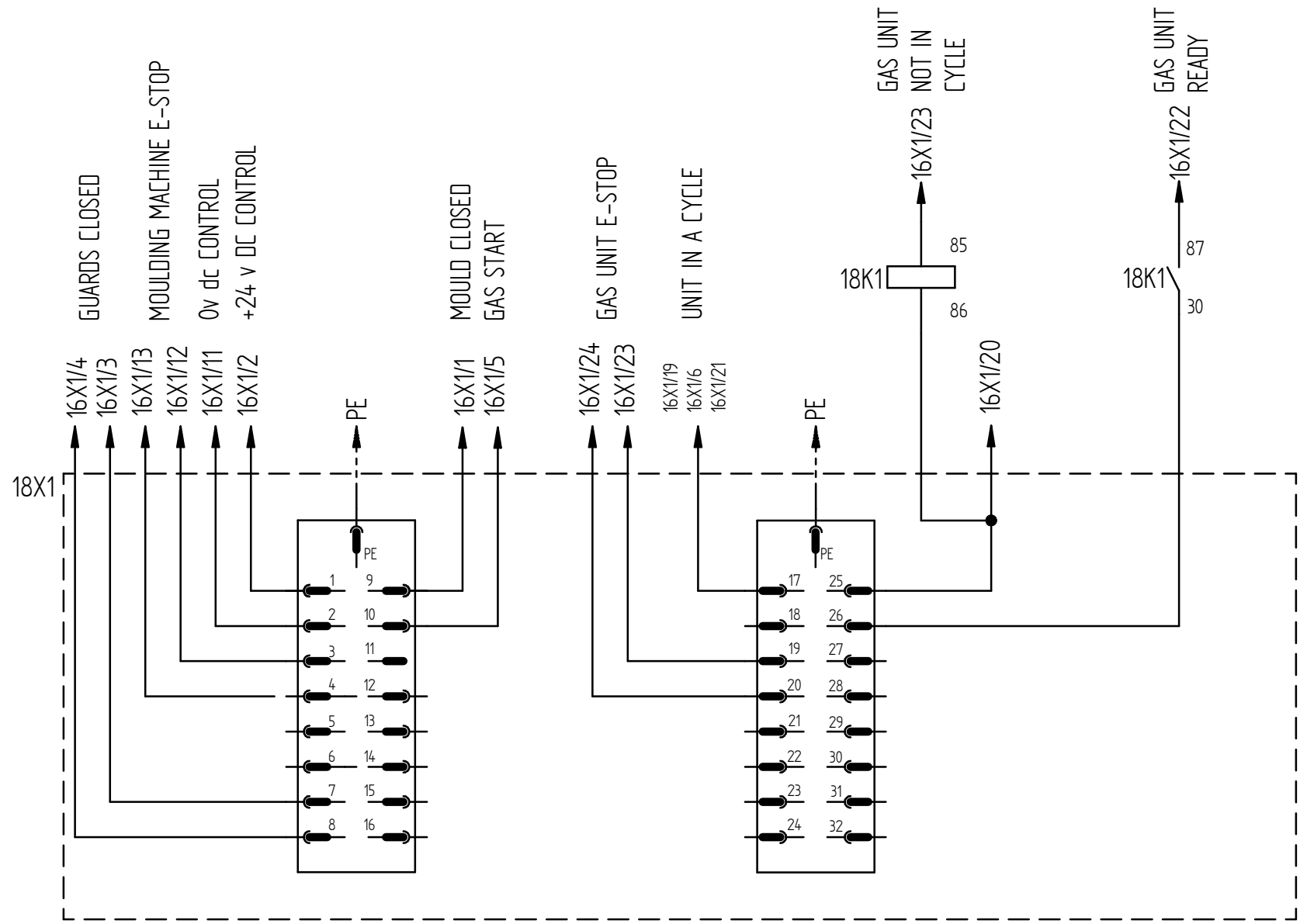
DWG NO S2001

RM350 SERIES

REV E

IF IN DOUBT, ASK!!

EUROMAP 62  
ADAPTOR  
(ACCESSORY)  
INTERFACE  
NUMBER 2



NAME	DATE
DRAWN Jon	25/04/16
CHECKED	

SIZE A4  
SHEET 18 OF 19  
FILE NAME: S2001.dft

**MAXIMATOR** Unit 9 King St Trading Estate  
Maximum Pressure. Middlewich, Cheshire, CW10 9LF, UK

DWG NO S2001

RM350 SERIES

REV E

IF IN DOUBT, ASK!!

"ES" SIGNALS INTERFACE

