NOTE: cables not indicated will be black 0.75mm²/18 AWG

VOLTA
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Client:

Project: **Volta Lite**

Description Document: P&ID + Functional Diagrams

Document Number: XXXXX-1-562-F-001

Revision: 0

Installation Place -

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REV	DESCRIPTION	DATE	PROJ.	DW.	APR.
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0	As Built (In Factory)	02/11/23	MPV	NBC	MPV

PROJECT: eLogic
CODE: xxxxx-x
CLIENT:

VOLTA

DOC NUMBER: Exxx-71159-1-562-F-001
TITLE: eLogic P&ID + Functional -
GRAL REV: 0
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REV: 0
CONT: 01

NOTE: cables not indicated will be black 0.75mm² / 18 AWG

Pág.	Page Title	Revision 0	1	2	3	4	5	6	7	Aditional Comments
00	COVER	X								
01	INDEX	X								
02	Material's List	X								
03	FREE									
04	FREE									
05	FREE									
06	FREE									
07	FREE									
08	FREE									
09	Material's List	X								
10	FREE									
11	Power Generation	X								
12	Power Circuits	X								
13	Control Voltage – Generation and Distribution	X								
14	Control Unit – Power Supply	X								
15	Intrinsic Safety Barrier – Power Supply	X								
16	FREE									
17	FREE									
18	FREE									
19	FREE									
20	FREE									
21	Electronic Board (21PCB01) – Main Board	X								
22	FREE									
23	FREE									
24	FREE									
25	FREE									
26	FREE									
27	FREE									
28	FREE									
29	FREE									
30	FREE									
31	Inner Analog Inputs – Main Board	X								
32	External Analog Inputs – Main Board	X								
33	FREE									
34	FREE									
35	FREE									
36	FREE									
37	FREE									
38	FREE									
39	FREE									
40	FREE									
41	FREE									
42	FREE									
43	External Digital Inputs – Main Board	X								
44	FREE									
45	FREE									
46	Inner Digital Inputs – Main Board	X								
47	FREE									
48	FREE									
49	FREE									
50	FREE									
51	FREE									
52	FREE									
53	FREE									
54	FREE									
55	FREE									
56	FREE									
57	FREE									
58	FREE									
59	FREE									
60	FREE									
61	FREE									
62	Digital Outputs – Valves Commands	X								
63	FREE									
64	FREE									
65	FREE									
66	FREE									
67	FREE									
68	FREE									
69	FREE									
70	FREE									
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74	FREE									
75	FREE									
76	FREE									
77	FREE									
78	FREE									
79	FREE									
80	FREE									
81	Communications	X								
82	FREE									
83	FREE									
84	FREE									
85	FREE									
86	FREE									
87	FREE									
88	FREE									
89	FREE									

REV	DESCRIPTION	DATE	PROJ.	DW.	APR.
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PROJECT: eLogic
CODE: xxxxx-x
CLIENT: MMA

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DOC NUMBER: Exxx-71159-1-562-F-001
TITLE: eLogic Index –

GRAL REV: 0
REV: 0
01
CONT: 03

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TAG	DESCRIPTION	BRAND	MODEL / CODE
03Q1	DC Control Circuit Breaker / Interruptor térmico de control CC	–	–
03M1	Hidraulic Pump Motor / Motor de bomba hidráulica	ELNOR	BA-AP80M AR
03S1	Toggle Switch / Interruptor Conmutador	–	–
03PL1..3	LED Indicator Light / Indicador Luminoso LED	CHNT	–
03Q2	Bimetal Thermal Overload Relay / Relé de sobrecarga térmica bimetálico	–	–
04KT	Modular Timer / Temporizador Modular	FINDER	TYPE 80.01
04DIB	Digital Input signals – Intrinsic safety barrier / Entrada Digital – Barrera Seg. Intrínseca	PEPPERL + FUCHS	KFD2-SR2-Ex2.W
05SSR	Solid State Relay / Relé de estado sólido	–	–
05KR	Terminal Relay 24Vdc / Borne relé 24Vcc	–	–
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0	As Built (in Factory)	02/11/23	MPV	NBG	MPV

PROJECT: eLogic
CODE: xxxxx-x
CLIENT: MMA

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DOC NUMBER: Exxx-71159-I-562-F-001
TITLE: eLogic P&ID –
GRAL REV: 0
02 REV: 0
CONT: 09

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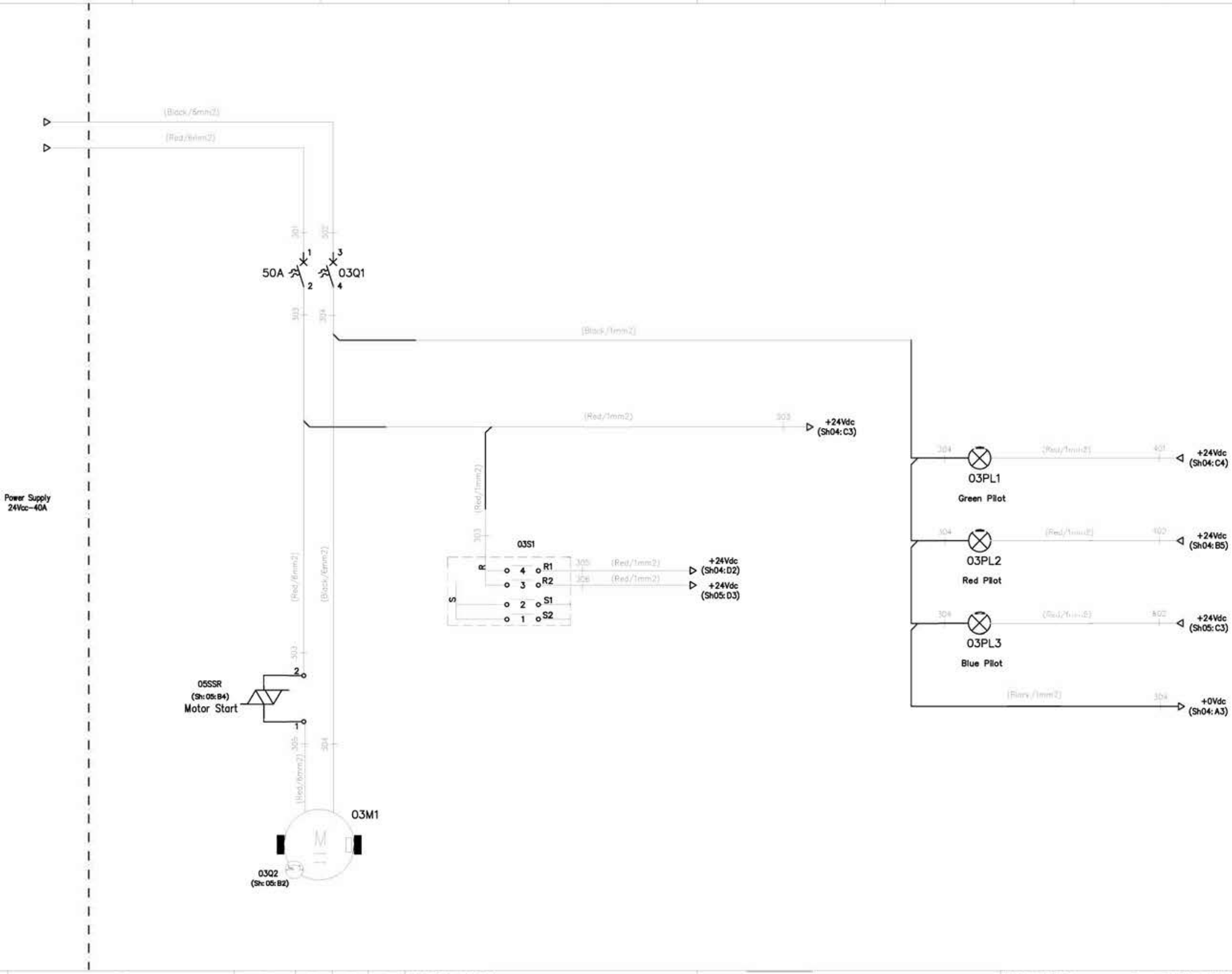

REV.	DESCRIPTION	DATE	PROJ.	DW.	APR.
0	As Built (In Factory)	02/11/23	MPV	NBC	MPV

PROJECT: eLogic
CODE: xxxxx-x
CLIENT: MMA

VOLTA

DOC NUMBER: Exxx-71159-1-562-F-001
TITLE: eLogic P&ID

GRAL REV: 0
03 | REV: 0
CONT: 04

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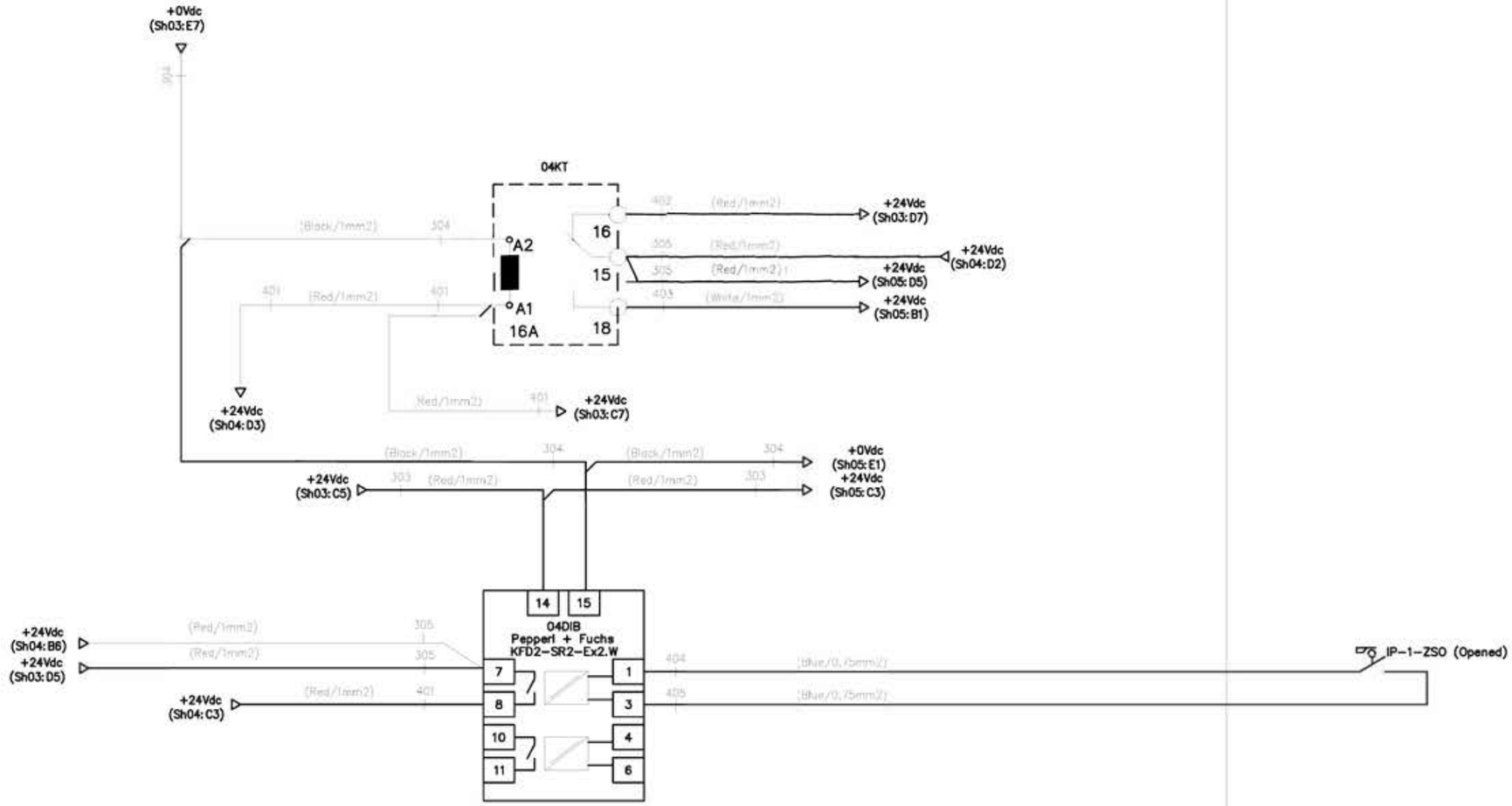
FIELD



REV.	DESCRIPTION	DATE	PROJ.	DW.	APR.
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-	-	-	-	-	-
-	-	-	-	-	-
0	As Built (In Factory)	02/11/23	MPV	NBC	MPV

PROJECT: eLogic
CODE: xxxxx-x
CLIENT: MMA

VOLTA

DOC NUMBER: Exxx-71159-1-562-F-001
TITLE: eLogic P&ID -

GRAL REV: 0
REV: 0
04
CONT: 05

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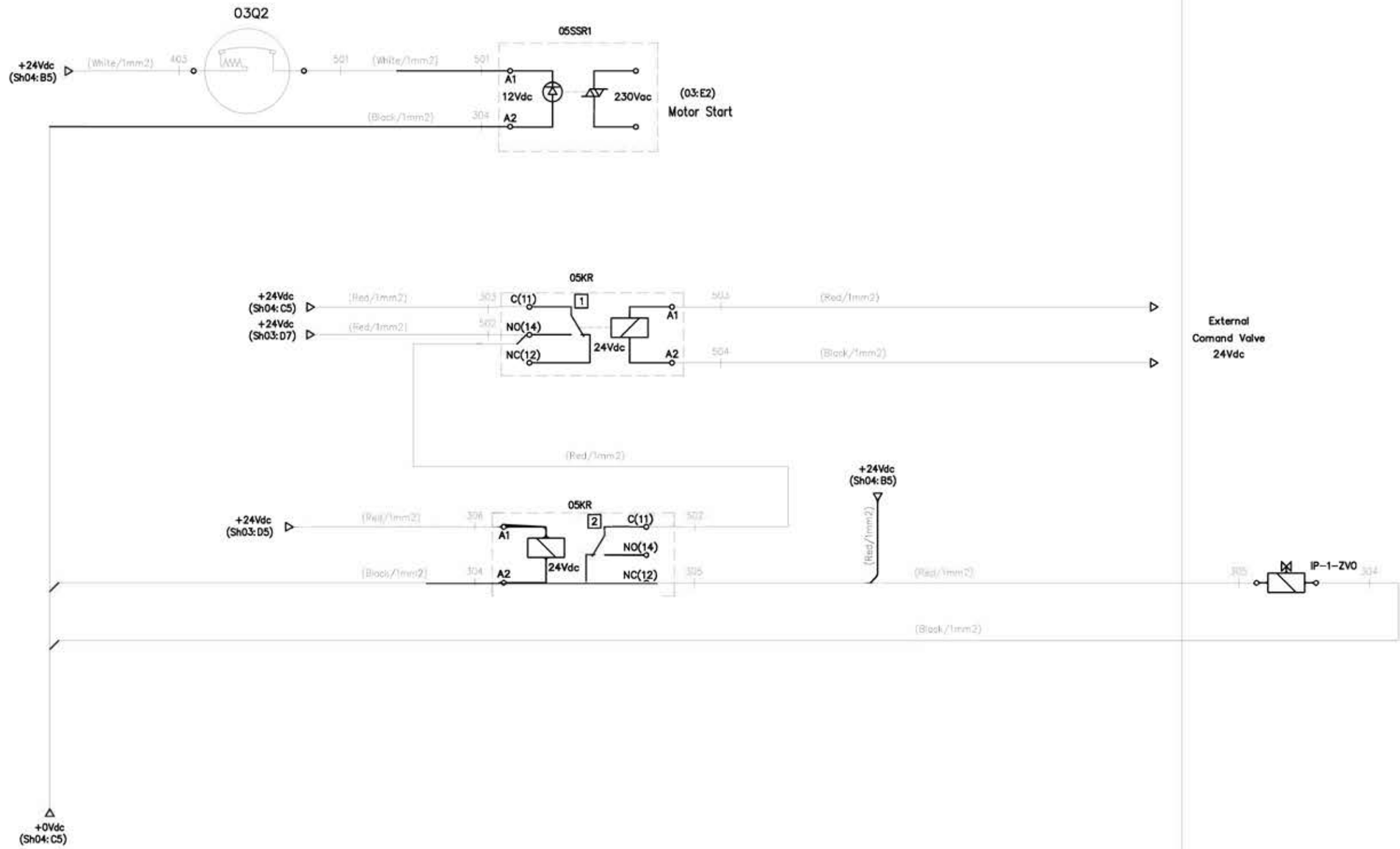
FIELD



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-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
0	As Built (In Factory)	02/11/23	MPV	NBC	MPV

PROJECT: eLogic
CODE: xxxxx-x
CLIENT: MMA

VOLTA

DOC NUMBER: Exxx-71159-1-562-F-001
TITLE: eLogic P&ID

GRAL REV: 0
05
REV: 0
CONT:

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