SIMATIC S7-1500 DIGITAL OUTPUT MODULE DQ 32X24VDC/0.5A HF

W100PLC-A100.3

DO71819	DO71820	DO71821	DO71822	DO71823	DO71824	DO71825	DO71839	DO71826	DO71827	DO71828	DO71814	DO71815	---	---	---
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W100PLC DBID
S7 SW ADDRESS
HW ADDRESS

BACKPLANE BUS INTERFACE

DIGITAL OUTPUT CARD: DO01

DETAIL "A"

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	1L+	1M-	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15	2L+	2M-
Connect. DO01-X1-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

0.5A F9b, 0.5A F19b

24VDC CONT'D FROM 816-164,Sh.10
TB2-33 24VDC2 (+)
TB2-34 24VDC (-)

0.2A F1b, F2b, F3b, F4b, F5b, F6b, F7b, F8b, F11b, F12b, F13b, F14b, F15b, F16b, F17b, F18b

TB2-1a, -1b, -2a, -2b, -3a, -3b, -4a, -4b, -5a, -5b, -6a, -6b, -7a, -7b, -8a, -8b, -9a, -9b, -10a, -10b, -11a, -11b, -12a, -12b, -13a, -13b, -14a, -14b, -15a, -15b, -16a, -16b

EE106PNLA701

D0718200C, D0718200D

1FDK1040X

W900PMP-04 CIRCULATION ACT CMD (B-208-060, SH.22)

PMP CTRL

WP900SKD001

SODIUM HYPOCHL DOSE ADD PULSE

AR1 W518 OPEN CMD
AR2 W606 OPEN CMD
AR3 W606 CLOSE CMD
AR4 W607 OPEN CMD
AR5 W608 OPEN CMD
AR8 W609 CLOSE CMD

(B-208-060,SH.22)

D0718226C, D0718226D

1FDK1039X

AR6 OPC WTR TREATMENT SYS RUNNING

AR7 OPC WTR TREATMENT SYS FAILURE

07440 IN3, 07450 5V

W900MSE001

W900MSE001 UV LAMP ON CMD

SPARE

D0718214D 24VDC(-), D0718215D 24VDC(-)

1FDW1008X

TB4-4, TB4-5, TB4-6, TB4-7

14, 13, 3/TNK02-HI, 3/TNK02-LO

EE106PNLA700

W900TNK-02 LEVEL HI, W900TNK-02 LEVEL LO

(B-208-060, SH.18)

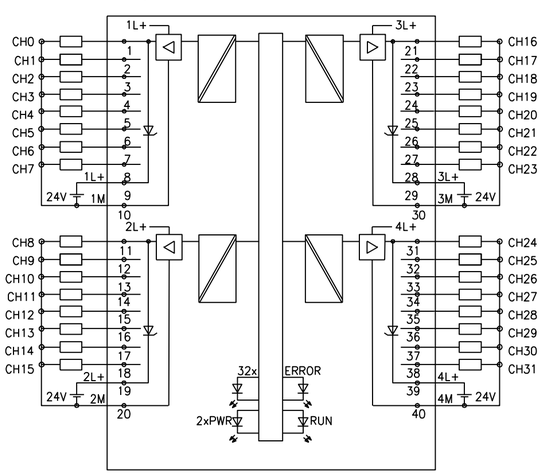
ZKP 2024-1061

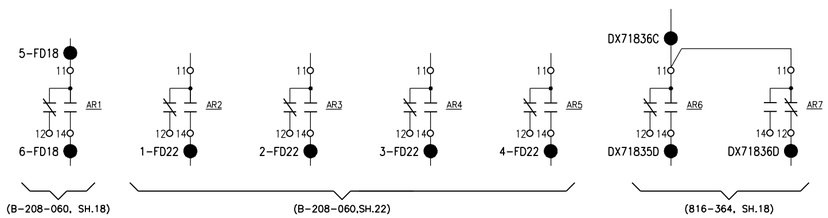
1. Interim Dwg. No.: 816-364-32-IA
   Interim Sketch No.: N/A
2. Design Mod. No.: ZKP 2044-1061
3. Drawing Rev. No.: N/A
4. New Drawing No.: 816-364-32
5. Resp. Eng.: M. SEGULA Date: 07.2025
6. Checker: B.BAS Date: 07.2025

NEW DRAWING

DETAIL "A" – DIGITAL OUTPUT MODULE DQ 32X24VDC/0.5A HF

Type 6ES7522-1BL01-0AB0





NOTES:

1. ALL DEVICES WITHOUT LOCATION MARKINGS ARE LOCATED IN CABINET EE106PNLA701
2. ALL DIGITAL CHANNELS INPUT CIRCUITS HAVE SCHEMATIC AS SHOWN IN DETAIL "A".

Original Design Firm: SIPRO INZENIRING D.O.O.
Replaced Manual Drawing: N/A
Last Revision And Date: N/A

THIS IS A CAD DRAWING AND SHOULD NOT BE REVISED OR MODIFIED MANUALLY

NO.	DATE	BY	REVISION	CKD. BY	LE APPR.

NUKLEARNA ELEKTRARNA KRSKO
NUCLEAR POWER PLANT KRSKO

PROCESS COMPUTER SYSTEMS – PCS

I/O LOOP WIRING DIAGRAM: OSC WTR SYS MONIT

DIGITAL OUTPUTS W100PLC-A100.3 SH.1/2

DESIGN ENGINEERING
NUCLEAR POWER PLANT KRSKO KRSKO, SLOVENIA

MADE	CHECKED	LE APPROVAL
1. M. ŠEGULA	2. R. PETAN	3. D. VEHOVAR

REFERENCE DRAWINGS:

SCALE

816-364 (DRAWING NUMBER) W (SYSTEM) 32 (SH.NO.) (REV.)

FILE: 816364.32-IA.DWG, SPREJEL:_____