

## PLC

## Loading arm management

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
1	CPU 1518-FH4 PN	SIL 2 redundant	6ES7518-4JP00-0AB0	2	248991012964
2	MEMORY CARD FOR S7-1X00 CPU	3,3V FLASH 256MO	6ES7954-8LL03-0AA0	2	248991012827

## MLA Simulation

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
3	CPU 1518-2 PN	No SIL, non redundant	6ES7515-2AM02-0AB0	1	248991012962
4	MEMORY CARD FOR S7-1X00 CPU	3,3V FLASH 256MO	6ES7954-8LL03-0AA0	1	248991012827

## ACCESSORIES

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
5	RAIL FOR S7-1500	L=245MM	6ES7560-1AC00-0AA0	2	248991012766
6	CABLE FIBER-OPTIC FOR CARTRIDGE SYNCH, 1M	for 1500 H	6ES7960-1BB00-5AA5	1	248991012767
7	SYNC SUBMODULE FOR PATCH CABLES	for 1500 H	6ES7960-1CB00-0AA5	4	248991012768
8	IE FC RJ45 CONNECTOR 180 2X2, (10/100MBIT/S)		6GK1901-1BB10-2AA0	26	248991012769

## COMMON

## Safety ET200 SP I/O RACK - 3x8DIS

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
9	Safety Digital Inputs (F-DI)	F-DI 8x24Vdc HF	6ES7136-6BA00-0CA0	3	248991012724
10	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	1	248991012763
11	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	2	248991012762
12	Digital Outputs Safety (F-DO)	F-DO 4x24Vdc / 2A HF	6ES7136-6DB00-0CA0	0	248991012725
13	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	0	248991012763
14	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	0	248991012762
15	Digital Outputs Safety (F-RO)	F-RO 1x24Vdc / 24...230Vac/ 5A ST	6ES7136-6RA00-0BF0	0	***A CODIFIER***
16	ET200SP BaseUnit	BU20-P8+A4+0B	6ES7193-6BP20-0BF0	0	248991012761

## Standard ET200 SP I/O RACK - 2x16DI

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
17	Digital Inputs (DI)	DI 16x24Vdc	6ES7131-6BH01-0BA0	2	248991012810
18	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	1	248991012763
19	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	1	248991012762
20	Digital Outputs (DO)	DO 16x24Vdc / 0,5A	6ES7132-6BH01-0BA0	0	248991012812
21	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	0	248991012763
22	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	0	248991012762
23	Analog Inputs (AI)	AI 8x24 wire, 16 bits	6ES7134-6GF00-0AA1	0	248991012815
24	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	0	248991012763
25	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	0	248991012762
26	Analog Outputs (AO)	AO 4x12 ST, 16 bits	6ES7135-6HD00-0AB1	0	***A CODIFIER***
27	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	0	248991012763
28	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	0	248991012762

## Standard ET200 SP I/O RACK - 3x4RO

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
29	Relay Outputs (RO)	RO 4x120Vdc-230Vac / 5A	6ES7132-6HD01-0BB1	3	248991012816
30	ET200SP BaseUnit	BU15-P16+A0+2D, new load group	6ES7193-6BP00-0DA0	1	248991012763
31	ET200SP BaseUnit	BU20-P12+A4+0B, bridge on the left	6ES7193-6BP20-0BB0	2	248991012764

## ARM 1 (\*)

## Safety ET200 SP I/O RACK - 3x8DIS, 2x4DOS, 5x1ROS

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
32	Safety Digital Inputs (F-DI)	F-DI 8x24Vdc HF	6ES7136-6BA00-0CA0	3	248991012724
33	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	3	248991012762
34	Digital Outputs Safety (F-DO)	F-DO 4x24Vdc / 2A HF	6ES7136-6DB00-0CA0	2	248991012725
35	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	2	248991012762
36	Digital Outputs Safety (F-RO)	F-RO 1x24Vdc / 24...230Vac/ 5A ST	6ES7136-6RA00-0BF0	6	***A CODIFIER***
37	ET200SP BaseUnit	BU20-P8+A4+0B	6ES7193-6BP20-0BF0	6	248991012761

## Standard ET200 SP I/O RACK - 2x16DI, 3x16DO, 2x8AI, 2x4AO

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
38	Digital Inputs (DI)	DI 16x24Vdc	6ES7131-6BH01-0BA0	2	248991012810
39	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	2	248991012762
40	Digital Outputs (DO)	DO 16x24Vdc / 0,5A	6ES7132-6BH01-0BA0	3	248991012812
41	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	3	248991012762
42	Analog Inputs (AI)	AI 8x24 wire, 16 bits	6ES7134-6GF00-0AA1	2	248991012815
43	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	2	248991012762
44	Analog Outputs (AO)	AO 4x12 ST, 16 bits	6ES7135-6HD00-0AB1	2	***A CODIFIER***
45	ET200SP BaseUnit	BU15-P16+A0+2B, bridge on the left	6ES7193-6BP00-0BA0	2	248991012762

## Standard ET200 SP I/O RACK

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
46	Relay Outputs (RO)	RO 4x120Vdc-230Vac / 5A	6ES7132-6HD01-0BB1	0	248991012816
47	ET200SP BaseUnit	BU20-P12+A4+0B, bridge on the left	6ES7193-6BP20-0BB0	0	248991012764

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Multiply by the number of arms if necessary

## SWITCH

Items	Models	Type	Ref SIEMENS	Qty	T.EN part number
48	Scalance XC208	Ethernet Switch 8xRJ45, redundancy (only for 1518-FH)	6GK5208-0BA00-2AC2	1	248991012803
49	Scalance X204-2	Ethernet Switch 4xRJ45, redundancy	6GK5204-2EB10-2AA3	1	***A CODIFIER***