

Métier 19-Contrôle industriel
LISTE DU MATERIEL
48eme Compétition Nationale des Métiers

Désignation	Marque	Repère	Référence	Qte	Commentaire
SIMATIC CPU1512C-1PN	Siemens	K1	6ES7512-1CK01-0AB0	1	Package
SD Card CPU	Siemens	K1	6ES7954-8LF03-0AA0	1	Package
Power supply SIMATIC PM1507	Siemens	A1	6EP1333-4BA00	1	Package
Rack 1500	Siemens		6ES7590-1AE80-0AA0	1	Package
SIMATIC HMI MPT1500 unified comfort	Siemens	A3	6AV2128-3QB06-0AX1	1	Package
G120 SINAMICS power module PM240-2	Siemens	T8	6SL3210-1PB13-8UL0	1	Package
G120 SINAMICS control unit CU250S-2PN	Siemens	T8	6SL3246-0BA22-1FA0	1	Package
Carte SD variateur	Siemens	T8	6SL3054-4AG00-2AA0	1	Package
G120 SINAMICS IOP-2	Siemens	T8	6SL3255-0AA00-4JA2	1	Package
Solid state contactor 1 phase	Siemens	T6	3RF2310-1BA02	1	Package
Converter control voltage	Siemens	T6	3RF2900-0EA18	1	Package
SIRIUS Safety relay basic unit	Siemens	A2	3SK1111-2AB30	1	Package
Compact enclosures 600/760/350	Rittal		AX 1376.000	1	
Plastic cable gland plates with membranes	Rittal		SZ 2564.300	1	
Cable ladder LG 60, 3 m VS FS	Obo Bettermann		6208538	3	Mètre
End cap for câble ladder (2R,2L)	Obo Bettermann		6222537	4	
Clamp clip, FT 16-22	Obo Bettermann		1160222	6	
Clamp clip, FT 12-16	Obo Bettermann		1160168	6	
Clamp clip, FT 8-12	Obo Bettermann		1160125	12	
Earthing terminal for cables and flat conductors	Obo Bettermann		5043107	3	
Mesh tray GRM55 150G (150x55mm)	Obo Bettermann		6001444	1	
Joint connector for mesh tray	Obo Bettermann		6016596	10	
Wall Bracket, 6"	Obo Bettermann		6420912	5	
End cap for mesh tray	Obo Bettermann		6003750	30	
Wiring trunking, type LK4 40/60	Obo Bettermann		6178031	3	Mètre
Rivet dia 6	Planet Wattohm		25018	20	
Steel tube 3m	Obo Bettermann		2046566	0,5	
Actuator for simulation				2	
Conduit diam. 20 mm	Schneider Electric		IMT56620	3	Mètre
Conduit clip for Ø20mm - white	Schneider Electric		IMT45820	22	
PE m20	Schneider Electric		ISM71503	10	
Ecrou m20	Schneider Electric			8	
PE m16	Schneider Electric		ISM71502	3	
reduction m16	BLM		120162	3	
PE CEM M20	agro		AGR118320	1	

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Shield Clamp 3-12	icotek		ICO37600	1	
Shield Clamp 8-18	icotek		ICO37602	1	
Rail DIN 2000mm	Schneider Electric		NSYSDR200D	1	
Motor 0,18Kw 1500RPM	SEW	8 et 14	DRN63M4/FI	2	
Plug -16 A - 3P + N + E	LEGRAND		555129	1	
Waterproof oval porthole for harsh environments with clear glass diffuser and E27 base	LEGRAND	6	60477	1	
Incandescent lamp	LIT	6	LASTD04	1	
SETRON, Switch disconnecter 3LD, emergency switching-off switch, 4- pole	Siemens	Q1	3LD2003-1TL53	1	
CIRCUIT BREAKER 230V 10KA, 1+N-POLE, B, 6A, D=70MM	Siemens	F6, F8 et F1	5SY4506-6	2	
CIRCUIT BREAKER 400V 10KA, 3+N-POLE, C, 13A, D=70M	Siemens	F2	5SY4613-7	1	
CONTACTOR, AC-3, 3KW/400V, 2NO+2NC, DC 24V, W. INTEGRATED DIODE 3-POLE, SZ S00 SCREW TERMINAL PERMANENT AUX. SWITCH	Siemens	Q2 et Q3	3RT2015-1FB44-3MA0	2	
Power contactor, AC-3 7 A, 3 kW / 400 V 1 NC, 24 V DC communication-capable, 3-pole, Size S00, screw terminal	Siemens	Q14.2	3RT2015-1BB42-0CC0	1	
Enclosure for command devices (2 points)	Siemens	2, 3, 4, 5, 7, 9 et 10	3SU1802-0AA00-0AB1	7	
Enclosure for command devices (3 points)	Siemens	15	3SU1803-0AA00-0AB1	1	
EMERGENCY STOP pushbutton	Siemens	S1.1	3SU1100-1HB20-1CJ0	1	
Pushbutton, 22 mm, round, plastic, blue, pushbutton, flat momentary contact type	Siemens	S1.2	3SU1000-0AB50-0AA0	1	
Holder for 3 modules, plastic	Siemens		3SU1500-0AA10-0AA0	20	
Contact module with 1 contact element, 1 NO, screw terminals, for front plate mounting	Siemens		3SU1400-1AA10-1BA0	3	
Label holder	Siemens		3SU1900-0AG10-0AA0	2	
Contact module with 1 contact element, 1 NO, spring-type terminal, for floor mounting	Siemens		3SU1400-2AA10-3BA0	6	
POTENTIOMETER, COMPACT, 22MM, ROUND, PLASTIC, BLACK, 10K OHMS, WITH HOLDER, SCREW TERMINALS	Siemens	R7.1 et R7.2	3SU1200-2PS10-1AA0	2	
Illuminable selector switch, 22 mm, round, plastic, black, Selector switch short, 2 switch positions O-I, latching, actuating angle 90°	Siemens	P2, P3, P4, P5 et P9	3SU1002-2BF10-0AA0	5	
Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type	Siemens	P10	3SU1000-0AB10-0AA0	1	

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Indicator lights, 22 mm, round, plastic, white, lens, smooth	Siemens	S2, S3, S4, S5, S9, S10 et P15.3	3SU1001-6AA60-0AA0	7	
LED module with integrated LED 24 V AC/DC, white, spring-type terminal, for floor mounting	Siemens	S2, S3, S4, S5, S9, S10 et P15.3	3SU1401-2BB60-3AA0	7	
Position switch Plastic enclosure according to EN 50047	Siemens	11, 12 et 13	3SE5232-0FD03	3	
Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat momentary contact type	Siemens	S1.3	3SU1001-0AB40-0AA0	1	
LED module with integrated LED 24 V AC/DC, green, spring-type terminal, for front plate mounting	Siemens	S1.3	3SU1401-1BB60-3AA0	1	
Indicator lights, 22 mm, round, plastic, green, lens, smooth	Siemens	P15.2	3SU1001-6AA40-0AA0	1	
LED module with integrated LED 24 V AC/DC, green, spring-type terminal, for floor mounting	Siemens	P15.2	3SU1401-2BB40-3AA0	1	
Indicator lights, 22 mm, round, plastic, red, lens, smooth	Siemens	P15.1	3SU1001-6AA20-0AA0	1	
LED module with integrated LED 24 V AC/DC, red, spring-type terminal, for floor mounting	Siemens	P15.1	3SU1401-2BB20-3AA0	1	
Terminal, 2.5 mm ² gray	Siemens		8WH6000-0AF00	31	
Terminal, 2.5 mm ² , blue	Siemens		8WH6000-0AF01	11	
Terminal, 4 mm ² , gray	Siemens		8WH6000-0AG00	8	
Terminal 4 mm ² , blue	Siemens		8WH6000-0AG01	3	
Terminal, 2.5 mm ² yellow-green	Siemens		8WH6000-0CF07	11	
Terminal, 4 mm ² , green-yellow	Siemens		8WH6000-0CG07	4	
Terminal, 6 mm ² , yellow-green	Siemens		8WH6000-0CH07	4	
Terminal, 2x2, 2.5mm ² , gray	Siemens		8WH6004-0AF00	4	
Terminal, 2x2, 2.5 mm ² , blue	Siemens		8WH6004-0AF01	4	
Terminal, cover, 2.5 mm ² , gray	Siemens		8WH9000-1GA00	2	
Terminal, cover, 2x2, 2.5 mm ² , gray	Siemens		8WH9000-4GA00	1	
Terminal, cover, 4 mm ² , gray	Siemens		8WH9003-1GA00	1	
Terminal, cover, 6 mm ² , gray	Siemens		8WH9004-3SA00	1	
Terminal, Jumper 2-pole	Siemens		8WH9020-6BC10	25	
Terminal, end retainer, gray	Siemens		8WH9150-0CA00	5	
Terminal strip marker	Siemens		8WH9150-1CA00	4	
Labeling plate, front, 1-10, terminal width 5.2 mm, snap-on mounting, white terminal size 2.5 mm ²	Siemens		8WH8120-2AB05	2	
Labeling plate, front, 11-20, terminal width 5.2 mm, snap-on mounting, white terminal size 2.5 mm ³	Siemens		8WH8120-2AB15	1	
Labeling plate, front, 21-30, terminal width 5.2 mm, snap-on mounting, white terminal size 2.5 mm ⁴	Siemens		8WH8120-2AB25	1	

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Labeling plate, front, 01-10, terminal width 6.2 mm, snap-on mounting, white terminal size 4 mm2	Siemens		8WH8120-3AB05	1	
RJ45 1m	Gigamedia		CAT6S1M	1	
RJ45 2m	Gigamedia		CAT6S2M	1	
RJ45 10m	Gigamedia		CAT6S10M	1	
LIYCY 4x0,50	Gigamedia		FCSCY4X0.5ST	5	Mètre
LIYCY 4G1,50	Gigamedia		FCSCY4G1.5ST	5	Mètre
ÖLFLEX® 140 H05VV5-F 3G0,75	Lapp		H05VV5F3G0,75GRTGL	18	Mètre
ÖLFLEX® 140 H05VV5-F 5G0,75	Lapp		H05VV5F5G0,75GRTGL	20	Mètre
ÖLFLEX® CLASSIC 100 300/500 V 3G1,5	Lapp		H05VV5F3G1.5GRTGL	5	Mètre
ÖLFLEX® CLASSIC 100 300/500 V 4G1,5	Lapp		H05VV5F4G1.5GRTGL	5	Mètre
ÖLFLEX® CLASSIC 100 300/500 V 5G2,5	Lapp		H05VV5F5G2.5GRTGL	5	Mètre
Wire H07V-K 0,75 blue	TOP		H05VK0.75BENC100	100	Mètre
Wire H07V-K 1,5 blue	TOP		H07VK1.5BECC100	5	Mètre
Wire H07V-K 1,5 black	TOP		H07VK1.5NRC100	20	Mètre
Wire H07V-K 1,5 gn/ye	TOP		H07VK1.5VJC100	5	Mètre
Wire H07V-K 2,5 blue	TOP		H07VK2.5BECC100	5	Mètre
Wire H07V-K 2,5 black	TOP		H07VK2.5NRC100	15	Mètre
Wire H07V-K 2,5 gn/ye	TOP		H07VK2.5VJC100	2	Mètre
Wire H07V-K 6 gn/ye	TOP		H07VK6VJC100	10	Mètre
Insulated Crimp 0.5mm² White	Bizline		225001	20	
Insulated Crimp 0.75mm² Blue	Bizline		225002	75	
Insulated Crimp 1.5mm² Black	Bizline		225004	50	
Insulated Crimp 1.5mm² Black 2 entries	Bizline		225052	20	
Insulated Crimp 2.5mm² Grey	Bizline		225005	30	
Insulated Crimp 2.5mm² Grey 2 entries	Bizline		225053	20	
Insulated Crimp 6mm² Green	Bizline		458-897	10	
Tie Cable Marker White(110*2.5) 100 Pieces/box	RS		812-1559	50	
Insulated Ring Terminal, M4 - 0.5mm² to 1.5mm², Red	Bizline		230001	20	
Insulated Ring Terminal, M8 - 4mm² to 6mm², Yellow	Bizline		230022	10	
Torx screw 4x20 BTE200	Spax		201010400203	64	
Torx screw 4x40 BTE200	Spax		201010400403	6	
Penture 6x25				25	
Washer M8x21x4				4	
Self drilling 4,2x16 BTE500	VisWood		7504MT4216	11	
Heat Shrink Tubing, G/Y 6mm 3:1 Ratio (10M)	bizline		215003	0,3	Mètre
Heat Shrink Tubing, G/Y 9mm 3:1 Ratio (10M)	bizline		215004	0,2	Mètre
Heat Shrink Tubing, G/Y 12mm 3:1 Ratio (10M)	bizline		215005	0,2	Mètre
Collier 3,6x203mm	Bizline		300010	100	
Collier 2,5x142mm	Bizline		300004	100	
embase autocollante	Legrand		32065	5	