

The logo graphic consists of five white, rounded, wedge-shaped elements radiating from a central point, resembling a stylized star or a fan. They are set against a solid orange background.

Mazak

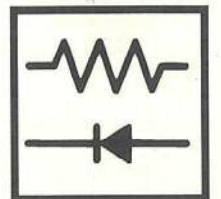
ELECTRICAL CIRCUIT DIAGRAMS

QUICK TURN

CNC MAZATROL T-PLUS

SET NO.: DD341010000
DL342LMA104

ELECTRIC WIRING DIAGRAM



ELEMENTARY DIAGRAM LIST

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SET No.: DD 341010000

Drawn By: H.HIRATA

Checked By: A.GOTO

Approved By: M.NAKASHIMA

No.	ITEM	SPECIFICATION
1	MACHINE TYPE	QUICK TURN
2	MACHINE No.	STANDARD
3	CNC TYPE	MAZATROL T-PLUS
4	SPINDLE TYPE	A-SP
5	PLC ROM No.	342-A104
6	AUX.1 ROM No.	
7	AUX.2 ROM No.	
8		

Remarks

Option

No.	DRAWING NUMBER	TITLE
1	34101010010, 0	ELECTRICAL CAPACITY LIST (1)
2	34101010010, 1	ELECTRICAL CAPACITY LIST (2)
3	34101010110, 0	M CODE LIST (1)
4	34101010120, 0	M CODE LIST (2)
5	34101010130, 0	M CODE LIST (3)
6	34101010140, 0	M CODE LIST (4)
7	34101010150, 0	M CODE LIST (5)
8	34101010160, 0	M CODE LIST (6)
9	34101010170, 0	M CODE LIST (7)
10	34101010180, 0	M CODE LIST (8)
11	34101010190, 0	M CODE LIST (9)
12	34101012010, 0	MACHINE PARAMETER TIMER (1)
13	34101012020, 0	MACHINE PARAMETER TIMER (2)
14	34101012030, 0	PLC PARAMETER DATA (1)
15	34101012040, 0	PLC PARAMETER DATA (2)
16	34101012050, 0	PLC PARAMETER BIT (1)
17	34101012060, 0	PLC PARAMETER BIT (2)
18	34101012070, 0	PLC PARAMETER BIT (3)
19	34101012080, 0	PLC PARAMETER BIT (4)
20	34101015010, 0	P.C.B JUMPER PIN
21	34101017000, 0	PARTS ARRANGEMENT ON CONTROL BOX (QT-8)
22	34101017000, 1	PARTS LIST ON CONTROL BOX (QT-8)
23	34101017010, 0	PARTS ARRANGEMENT ON CONTROL BOX
24	34101017010, 1	PARTS LIST ON CONTROL BOX (QT-15~28)
25	34101017010, 2	PARTS LIST ON CONTROL BOX (QT-30, 35)

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No.	DRAWING NUMBER	TITLE
26	34101017020, 0	PARTS ARRANGEMENT ON POWER PANEL (QT-8)
27	34101017020, 1	PARTS LIST ON POWER PANEL (1) (QT-8)
28	34101017020, 2	PARTS LIST ON POWER PANEL (2) (QT-8)
29	34101017030, 0	PARTS ARRANGEMENT ON POWER PANEL
30	34101017030, 1	PARTS LIST ON POWER PANEL (1) (QT-15~28)
31	34101017030, 2	PARTS LIST ON POWER PANEL (1) (QT-30, 35)
32	34101017030, 3	PARTS LIST ON POWER PANEL (2) (QT-15~28)
33	34101017030, 4	PARTS LIST ON POWER PANEL (2) (QT-30, 35)
34	34101017030, 5	PARTS LIST ON POWER PANEL (3) (QT-15~28)
35	34101017030, 6	PARTS LIST ON POWER PANEL (3) (QT-30, 35)
36	34101017060, 0	PARTS ARRANGEMENT ON NC PANEL
37	34101017060, 1	PARTS LIST ON NC PANEL (QT-15~28)
38	34101017060, 2	PARTS LIST ON NC PANEL (QT-30, 35)
39	34101017070, 0	PARTS ARRANGEMENT ON YME-B PANEL
40	34101017070, 1	PARTS LIST ON YME-B PANEL (1) (QT-15~28)
41	34101017070, 2	PARTS LIST ON YME-B PANEL (1) (QT-30, 35)
42	34101017070, 3	PARTS LIST ON YME-B PANEL (2) (QT-15~28)
43	34101017070, 4	PARTS LIST ON YME-B PANEL (2) (QT-30, 35)
44	34101017080, 0	PARTS ARRANGEMENT ON OPTION RELAY PANEL
45	34101017080, 1	PARTS LIST ON OPTION RELAY PANEL
46	34101020100, 0	CABLE LIST (1)
47	34101020110, 0	CABLE LIST (2)
48	34101020130, 0	CABLE LIST (4)
49	34101020140, 0	CABLE LIST (5)
50	34101020160, 0	CABLE LIST (7-1)
51	34101020160, 1	CABLE LIST (7-2)
52	34101020170, 0	CABLE LIST (8-1)
53	34101020170, 1	CABLE LIST (8-2)
54	34101020180, 0	CABLE LIST (9)
55	34101020190, 0	CABLE LIST (10)
56	34101020200, 0	CABLE LIST (11)
57	34101020210, 0	CABLE LIST (12)
58	34101020220, 0	CABLE LIST (13)
59	34101030000, 0	CABLE OUTLET LAYOUT (1) (QT-8)
60	34101030000, 1	CABLE OUTLET LAYOUT (2) (QT-8)

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SET No.: DD 341010000

No.	DRAWING NUMBER	TITLE
61	34101030010, 0	CABLE OUTLET LAYOUT (1) (QT-15, 18)
62	34101030020, 0	CABLE OUTLET LAYOUT (2) (QT-15, 18)
63	34101030030, 0	CABLE OUTLET LAYOUT (3) (QT-15, 18)
64	34101030040, 0	CABLE OUTLET LAYOUT (4) (QT-15, 18)
65	34101030050, 0	CABLE OUTLET LAYOUT (1) (QT-28, 30)
66	34101030060, 0	CABLE OUTLET LAYOUT (2) (QT-28, 30)
67	34101030070, 0	CABLE OUTLET LAYOUT (3) (QT-28, 30)
68	34101030080, 0	CABLE OUTLET LAYOUT (1) (QT-35)
69	34101030090, 0	CABLE OUTLET LAYOUT (2) (QT-35)
70	34101030100, 0	CABLE OUTLET LAYOUT (3) (QT-35)
71	34101031130, 0	CABLE DIAGRAM OPERATING BOX
72	34101040010, 0	LINE POWER SUPPLY (EXPORT)
73	34101040020, 0	LINE POWER SUPPLY (JAPAN)
74	34101040030, 0	LINE POWER SUPPLY
75	34101040030, 1	LINE POWER SUPPLY (QT-8.J)
76	34101040040, 0	SPINDLE & SERVO MOTOR
77	34101040050, 0	POWER SUPPLY & SPINDLE CONTACTOR
78	34101040060, 0	SPINDLE MOTOR (MITSUBISHI)
79	34101040070, 0	SPINDLE FEED BACK
80	34101040180, 0	X AXIS SERVO MOTOR
81	34101040190, 0	X AXIS FEED BACK
82	34101040210, 0	Z AXIS SERVO MOTOR
83	34101040220, 0	Z AXIS FEED BACK
84	34101040260, 0	AUX.MOTORS (1)
85	34101040270, 0	AUX.MOTORS (2)
86	34101040280, 0	AUX.MOTORS (3)
87	34101040300, 0	POWER PANEL AC100V CONTROL
88	34101040300, 1	POWER PANEL AC100V CONTROL (YME-B)
89	34101040310, 0	POWER PANEL
90	34101040320, 0	POWER PANEL (FAN MOTORS) (QT-15~35)
91	34101040320, 1	POWER PANEL (FAN MOTORS) (QT-8)
92	34101040340, 0	POWER PANEL (LUBE MOTOR)
93	34101040360, 0	POWER PANEL CONTACTORS
94	34101040370, 0	AC-PCB TAIL BODY MOTOR
95	34101040380, 0	AC-PCB TOOL EYE MOTOR

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No.	DRAWING NUMBER	TITLE
96	34101040390, 0	AC-PCB (MAIN BREAKER SHUNT TRIP)
97	34101040400, 0	AC-PCB CHUCK, TAIL SOL.
98	34101040400, 1	AC-PCB CHUCK, TAIL SOL. (QT-B)
99	34101040410, 0	AC-PCB TURRET SOL.
100	34101040410, 1	AC-PCB TURRET SOL. (YME-B)
101	34101040430, 0	AC-PCB OPTION SOL.
102	34101040440, 0	AC-PCB OPTION INDICATOR LIGHT
103	34101040460, 0	POWER PANEL TOOL EYE SOL.
104	34101040470, 0	OPTION RELAY PANEL GEAR SHIFT SOL.
105	34101040480, 0	DC-PCB EMERGENCY STOP
106	34101040480, 1	DC-PCB EMERGENCY STOP (YME-B)
107	34101040480, 2	DC-PCB EMERGENCY STOP (YME-B)
108	34101040490, 0	DC-PCB COMMON LINE CONTROL
109	34101040490, 1	DC-PCB COMMON LINE CONTROL (YME-B)
110	34101040490, 2	POWER PANEL (X AXIS BREAK QT35, 40)
111	34101040500, 0	DC 24V SUPPLY NC DI/DO
112	34101040510, 0	POWER PANEL ALARM CIRCUIT
113	34101040550, 0	DC-PCB PC INPUT TURRET
114	34101040550, 1	DC-PCB PC INPUT TURRET
115	34101040560, 0	DC-PCB PC INPUT TOOL EYE
116	34101040570, 0	DC-PCB PC INPUT GEAR SHIFT
117	34101040580, 0	DC-PCB PC INPUT CHUCK
118	34101040590, 0	DC-PCB PC INPUT TAIL STOCK
119	34101040600, 0	DC-PCB PC INPUT
120	34101040610, 0	DC-PCB PC INPUT PRESSURE SWITCH
121	34101040620, 0	DC-PCB PC INPUT PRESSURE SWITCH
122	34101040620, 1	POWER PANEL PC INPUT PRESSURE SWITCH
123	34101040630, 0	DC-PCB PC INPUT ALARM
124	34101040640, 0	DC-PCB PC INPUT AUTO DOOR
125	34101040650, 0	DC-PCB PC INPUT DOOR INTERLOCK
126	34101040650, 1	DC-PCB PC INPUT DOOR INTERLOCK (YME-B)
127	34101040670, 0	MMS INTERFACE DIAGRAM
128	34101040680, 0	DC-PCB PC INPUT FOR BAR FEEDER I/F
129	34101040700, 0	AC-PCB PC OUTPUT SSR, RELAY
130	34101040710, 0	AC-PCB PC OUTPUT SSR, RELAY

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