Elevator Systems Fault Table v6.001

#	Faults / Special Events	Description
1	Power On	Power was turned on
2	Event Log Cleared	Date and time when the event log was last cleared
3	On to Inspection	The Elevator was put onto inspection service
4	Normal Automatic	The Elevator went back to normal automatic service
5	InCar Stop SW Opened	The In Car Stop Sw was opened
6	-	
7	VF Drive Error	The VVVF drive tripped. Look at drive fault history for error codes
8	Independent Service	The car was placed onto independent service
9	FCF Phase One	The elevator responded to fire control
10	FCF Phase Two	The elevator was placed onto phase II fire service
11	-	
12	-	
13	Low Oil Time Out	Low Oil Trip due to the car traveling UP for more than (Para 48) secs, default 45 sec.
14	Emerg Power	The elevator was placed onto emergency power operation
15	BackUp Power	The elevator switched over to UPS/BackUp power
16	Attendant Service	The car was placed onto attendant service
17	Thermal OVLD Trip	The Motor Thermal OVLD Trip "TOL" opened.
18	SAF opened	The Safeties input "SAF" opened
19	Gov OVS opened	The Governor Sw input "OVS" opened
20	OVERspeed Trip	The Car exceeded the OVERspeed Trip Speed, see parameter 185
21	-	
22	-	
23	TRACTION Loss TRIP	Traction Loss Trip time out
24	CAR OverLoaded	Car OVER Load signal from Load Weighing Device
25	-	
26	-	
27	RopeGrp/EmBrkTrp_OVS	Rope Gripper/ Emergency Brake Trip due to the governor switch opening
28	RopeGrp/EmBrkTrp_UAM	Rope Gripper/ Emergency Brake Trip due to unattended motion
29	RopeGrp/EmBrkTrp_BKSW	Rope Gripper/ Emergency Brake Trip due to the brake switch not closing on a stop
30	HS Stop DL	Front Door Lock OPENED in flight
31	HS Stop GS	Front Gate Switch OPENED in flight
32	HS Stop RDL	Rear Door Lock OPENED in flight
33	HS Stop RGS	Rear Gate Switch OPENED in flight
34	HS Stop DCL	Front Door Close Limit Closed in flight
35	HS Stop RDCL	Rear Door Close Limit Closed in flight
36	-	
37	-	
38	SD Limit Failure	Both Up and Down S/D Limits are open
39	Floor Position Reset	Floor Position was updated on the stop by the Binary Zone Inputs
40	-	

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#	Faults / Special Events	Description
41	ESL Trip Type-1	ESL/ETS Trip Type-1 via #81
42	ESL Trip Type-2	ESL/ETS Trip Type-2 via #52
43	ESL Trip Type-3	ESL/ETS Trip Type-3 via #52A/52M
44	ESL Trip Type-4	ESL/ETS Trip Type-4 via #52B Time
45	ESL Trip Type-5	ESL/ETS Trip Type-5 via #52B Max Speed
46	ESL Trip Type-6	ESL/ETS Trip Type-6 via #82
47	ESL Trip Type-7	ESL/ETS Trip Type-7 via #53
48	ESL Trip Type-8	ESL/ETS Trip Type-8 via #53A/53M
49	ESL Trip Type-9	ESL/ETS Trip Type-9 via #53B Time
50	ESL Trip Type-10	ESL/ETS Trip Type-10 via #53B Max Speed
51		
52	CYCLE TEST Fail P1	Cycle Test Failure , Input PV1
53	CYCLE TEST Fail P2	Cycle Test Failure , Input PV2
54	CYCLE TEST Fail P3	Cycle Test Failure , Input PV3
55		
56		
57	RGRP/EB CYCtest - RG/EB1	Rope Gripper/E-Brake Cycle Test Failure Input RG1/EB1
58	RGRP/EB CYCtest - RG/EB2	Rope Gripper/E-Brake Cycle Test Failure Input RG2/EB2
59		
60	Door Open TimeOut	When Opening, Door Open Limit did not break after 10sec, adjustable by parameter #40
61	Door Open FAULT	Door Open TimeOut's Count exceeded parameter 141, without a successful Open
62	Door Close TimeOut	When Closing, Door Close Limit did not break after 10sec, adjustable by parameter #40
63	Door Close FAULT	Door Close TimeOut's Count exceeded parameter 140, without a successful Close
64	REAR Open TimeOut	When Opening, REAR Door Open Limit did not break after 10sec, adjustable by parameter #40
65	REAR Open FAULT	REAR Open TimeOut's Count exceeded parameter 141, without a successful Open
66	REAR Close TimeOut	When Closing, REAR Door Close Limit did not break after 10sec, adjustable by parameter #40
67	REAR Close FAULT	REAR Close TimeOut's Count exceeded parameter 140, without a successful Close
68	-	
69	GS ON Fault	Gate Switch GS input is ON, while doors are OPEN
70	DL ON Fault	Door Lock DL input is ON, while doors are OPEN
71	RGS ON Fault	Rear Gate Switch RGS input is ON, while doors are OPEN
72	RDL ON Fault	Rear Door Lock RDL input is ON, while doors are OPEN
73	-	
74	TOS - CarHeld	Car cannot Run due to Front Door being held opened
75	TOS - CarHeld REAR	Car cannot Run due to Rear Door being held opened
76	-	
77	RUN DELAY - GS	Car cannot RUN, Doors Closed, but Front Gate Switch GS input is not ON within 10sec
78	RUN DELAY - DL	Car cannot RUN, Doors Closed, but Front Door Lock DL input is not ON within 10sec
79	RUN DELAY - RGS	Car cannot RUN, Doors Closed, but Rear Gate Switch RGS input is not ON within 10sec
80	RUN DELAY - RDL	Car cannot RUN, Doors Closed, but Rear Door Lock RDL input is not ON within 10sec
81	RUN DELAY - DRV	Car cannot RUN, Doors Closed, but "DRV" input is not ON within 10sec
82	RUN DELAY - OLR/RPR	Car cannot RUN, Doors Closed, but Input #15 is not ON within 10sec
83	-	

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#	Faults / Special Events	Description
84	EQ - CWT	EarthQuake Service CWT trip
85	EQ - SEM	EarthQuake Service Seismic Switch
86	OS Key SW	Out of Service Key Sw input is ON
87	OS Car to LBY	Car to Lobby Key Sw input is ON
88	-	
89	PIT Flood SW ON	Pit Flood Sw input is ON
90	Pressure SW Open	Pressure Sw input in NOT ON
91	-	
92	Brake Drop FAULT	Main Brake did not Drop within 3sec
93	Brake Pick Err	Main Brake did not Pick within 3sec
94	Brake Pick FAULT	Brake Pick Error Count exceeded 4 without a clean Pick
95	E-Brake Drop FAULT	Emergency Brake did not Drop within 3sec
96	E-Brake Pick Err	Emergency Brake did not Pick within 3sec
97	E-Brake Pick FAULT	Emergency Brake Pick Error Count exceeded 4 without a clean Pick
98	-	
99	-	