



Controland Product Catalog Aftermarket Components for STATEX III DC TRUCK 685 730-7 830



Shanghai Controland Engineering Company

6/8/2026



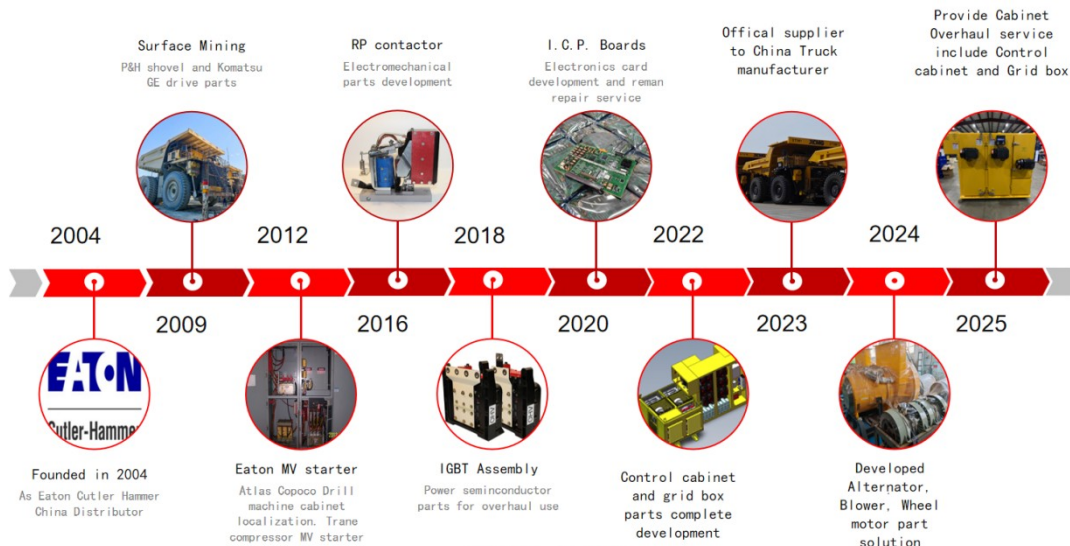
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1 Company introduction



Shanghai Controland Engineering Company was founded in 2004, started as Eaton Cutler Hammer distributor and serve the Mining, Oil rig and Compressor Manufacture, with years development, we focused on open pit mining equipment since 2009.



China imported about 600 trucks with GE system, and 50 shovels (40 P&H, 10 BE), since year 1990, and most of them were engaged between 2005-2012. Our engineering team started with P&H shovel key element aftermarket, soon we devoted more effort and focused on Dump truck GE drive system, as market demanded.



With decades of consistent innovation and development, Controland is able to provide a full list of excellent aftermarket parts for Haul Truck with GE drive system (especially Statex III DC drive and the Invertex I and II AC drive). These systems exist in:

Komatsu 730E, 830EDC, 830E-1AC, 830E5, 930E4, 930E4-SE, 930E5, 980E4, 980E5;
Terex MT3700AC, MT4400AC; Hitachi 190 Belaz 75310; China NTL NTE200AC NTE240AC, XCME SF33900, XCMG XDE130 XDE240 XDE260 etc.

With support from top-ranked OEM companies, we can serve the industry with high quality alternative replacement parts without compromising the quality. Instead, we offer the market a stable stock supply and cost-saving advantage.

In the past years, we supplied to more international customers: Mongolia, Chile, Canada, USA, India, Australia, and Peru.

We are expanding our product list every year, investing in new development. We welcome discussions on developing products for customers, and possibilities of cooperation on overhauling overseas.





We can provide assembly and parts for below indicated 4 areas. And fully support your overhauling.

Retarding Grid Group



Control Group



Wheel Motor Group



Alternator Group





2 Product Catalog

2.1 Control Group-Left Section

P1/RP1/RP2 contactor and Reverse contactor



P1 RP1 RP2 - Airless contactor Eaton 6702ED647-2

PB9230 - 1A296327AMP2 P1 Contactor

BF2131 XA2046 P1 Movable Contact

BF2132 XA2045 P1 Station Contact

BF2129 Interlock

XA0059 Armature

XA2479 Connector



Airless Reverser Eaton 6702ED628

PB9230 41A296327AJP1 XReveser Switch

BF2122 BF2137 3X6671 Movable Contact

BF2124 3X6672 Stationary Contact

BF2123 3X6673 Stationary Contact

BF2126 Bearing

BF2127 Spring

BF2128 Locknut





MF GF RP3-RP9 Contactor

VE1317, PB6137 PB5594 XA3538

17CM55AH6 17CM55AH6A

All parts available for repair.

VE1183 Contact tips

VE3530 17AF45C2 Interlock

VE5759 Spring with plug

VJ0846 Arc Chute

VM0229 Arc Horn

VM0275 Shunt

VE0250 Coil

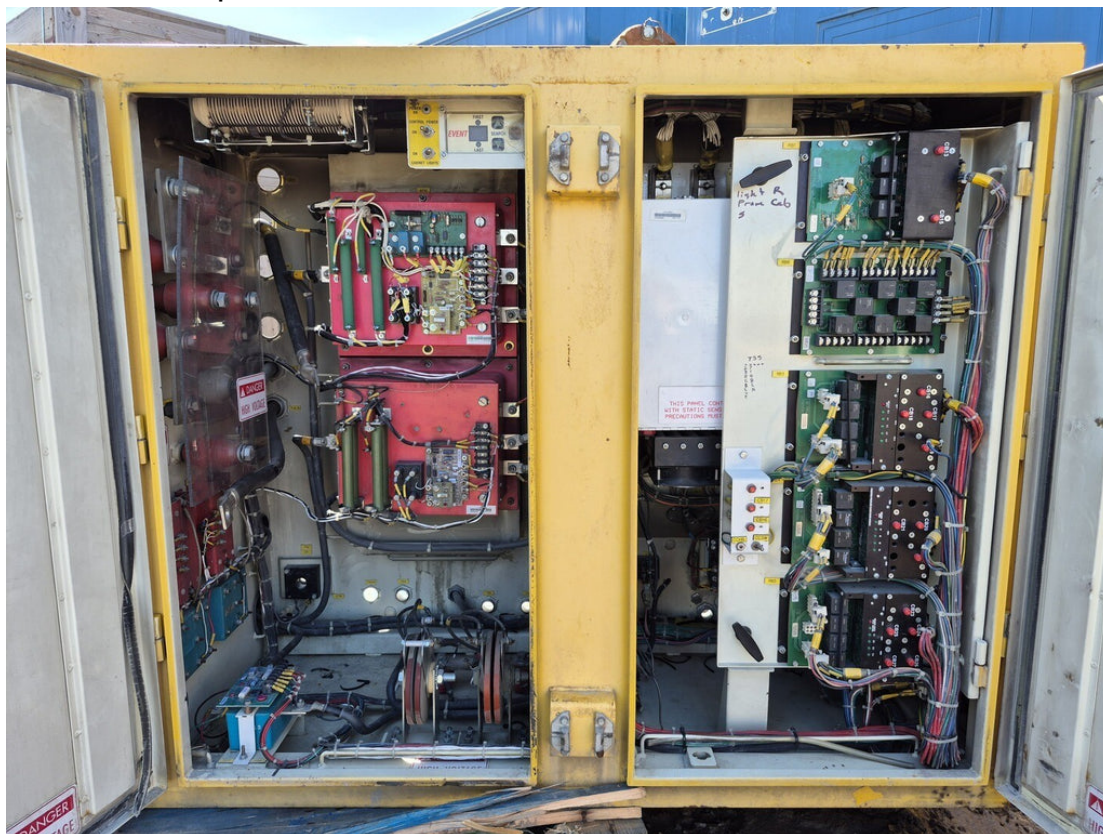
VS9322 Bracket

VS8285 Contact Arm

VM0253 Spring



2.2 Control Group - Center section



A.F.S.E Alternator Field Exciter

PB8838 17FM466E1

VS7373 58B-43-00620 Gate fire module

VE0687 Battery Boost Card

VS7592 41A296056P1 Pulse Transformer Module

VS6820 Indicator board

VS6823 Resistor 50W 10R

VE6824 Resistor 100W 10R

VE3847 Condenser

VE0036 Diode with Clamp

VE0037 Rectifier with Clamp

MFSE

PB8837 17FM467D1

VS7373 58B-43-00620 Gate fire module

VE0687 Battery Boost Card

VS7592 41A296056P1 Pulse Transformer Module

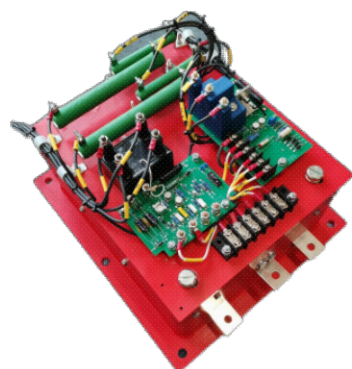
VS6820 Indicator board

VS6823 Resistor 50W-10R

VE8388 Resistor 100W-24R

VE0039 41A281729P1 Diode

VE0040 41A281730P1 SCR



Digital Display

FDP Fault Detection Panel 17FM384B1/C1

17FM532A1 PB8056
BF3751



VE6113
BF3780



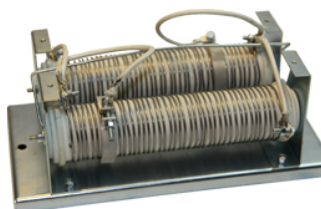
Isolation Amplifier
17FM394J1
PB4252 BF5213



VMM Voltage Measurement Module
17FM458A1
VE6118 BF3781



R1 resistor panel
GE0152 Panel



VDR3 Resistor panel 17FM363B1
PB4267
BF3737



Insulator and Bus Bar
Insulator
PB7202
VE4750
BF5602
Etc



GFR CPRRelay 17LV66J46
VG7043



Synchronizing Transformers - ST
41A296074P1
EF5554



CPD 41A273897G2 PB5587
Surge Board 41A264833G1
PB4255 XA3460



TH1 PB5230



Mag valve
17MV38G12
BF0986
BF1398



2.3 Control Group - Right Section

STATEX III Control panel/ CPR/ CPD/ ST/ Surge Board/ Relay Boards



PANEL STATEX III Assembly, 17FL275

PB8946 58D-43-00130 BF5178

With all boards available

Backplane 41C667286G1, BF2097 VE8197

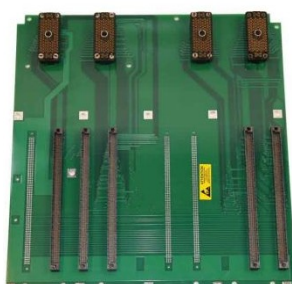
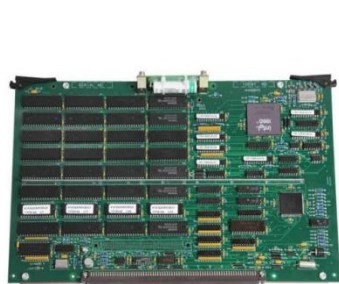
17FB104 GE0309/AK1994/VE8418

17FB100 AK1991 VE8416

17FB103 AK1993 BF5182

17FB140 AK7945 XA3560

17FB144 BF5184 XA5838 XA3726



A.I.D PC1810 and Cards

AID 1 VJ9023 Card Diode W Sound

AID 2 VJ9024 Card Diode WO Sound

AID 3/4 VJ9025 Card Dual Hot Switch Inverter

AID 5 PB0040 Card Oil Level Temperature

AID 7 PB5672 Card Single Temperature Latch

AID 8 VJ8805 Card Flasher Coolant Level



Board Relay (RB)

RB1 EK3808 SM1943

RB2 EK3813 SM1947

RB3 EK3803 SM1951

RB4 EK3806 SM5651

RB5 EK3811 SM1959

RB6 EK4991

DB1 EK4993 SM1963-2

2.4 Control Group -Main rectifier and Miscellaneous

Rectifier Assembly 17FM528
GE0557 BF3746 PB6489



**Heat Sink
assembly**
41C665155G3
GE0558 AK5202



Diode
41A281727P1
XA2058 VE0174



3 Phase filter Panel
PB5066 BF3738
GE0148
VE4379
VE0066
VE3846



FDR, GRR
17FR402A1
GE0860
GE1177



Switch PB1319
VD0154 VE3409
VJ2036 VM0110
VS8460 VW8721
XA0153 TY8745

PAYLOAD III Unit

EJ3060 58B-06-10000 Surplus
sensor kit AK4998 58E-00-00371 Surplus
Score Board PC1137 Surplus



2.5 Retarding Grid Group

Grid Box Assembly

17EM146 17EM139 17EM147 17EM155

Rebuilt complete assembly with new resistor, new cable
And remanned blower.



Blower Assembly 5GY19L8(New made or rebuilt) XA4146 GE0017

VE4256/VE4257	Fan Blade
XA4244/XA4245	Frame ahead
VE4258	Rubber Pad
VE7076	Carbon brush
VE8978	V-seal
VS8587	Brush holder
VS9262	Bearing
GE0046	Armature assembly

Grid Resistors

17EA20K108A 17EA20K118 17EA20K119
17EA20H108A 17EA20H120 17EA20H123
EJ2073 EJ2074 EJ2075
17EA33D306 XA2476 17EA33D420 XA2475



Blower Brush VE8445 VE7076 VE7076-1 Brush Holder VS8587

2.6 Alternator Group 5GTA22 PC2665



**5GTA22 Assembly with Inlet and outlet Housing
PC2665
New make or Reman**



Impeller VE3041

**Impeller
VE3042**



Miscellaneous

Fan housing BF0930 Fan housing VE8377

Alternator speed sensor 41A262893P1

VJ0972 PB0101 VS7923 VS9419

Speed sensor Cable

VJ8356 VE3957 GE0328

Temperatura sensor Cable VE0808 VE4229

Bearing

Seal



Brush R320 VE8444

Brush R318 VE4034 VS6817 VE3815

Brush Holder VJ1024 XA0831



2.7 Wheel Motor Group 5GE788FS10 PB9732



5GE788FS10 PB9732 Wheel motor assembly
New make or Reman
Motor BF2111

Parts

VE4548 Ring Drive

VE2974 Pinion

VE4742 Hub



Miscellaneous

Bearing VE0499 Timken BF3418 Timken

Bearing VE0500 Timken VE0653 Timken

Oil Seal VE0518 Garlock

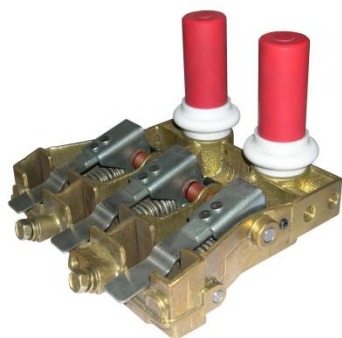
Wear Band VE0662

Wear Band VE0656

Felt Pack VE0655 Air Bufflo VE4780 VE4781

O-ring VE7201

V-ring VE7212



Brush T825 41B537963P09

VE8445 VE7609 VS5917 AK3653

VE6711 BF4906

Brush Holder VE8429 VJ0912 BF5609

2.8 Miscellaneous

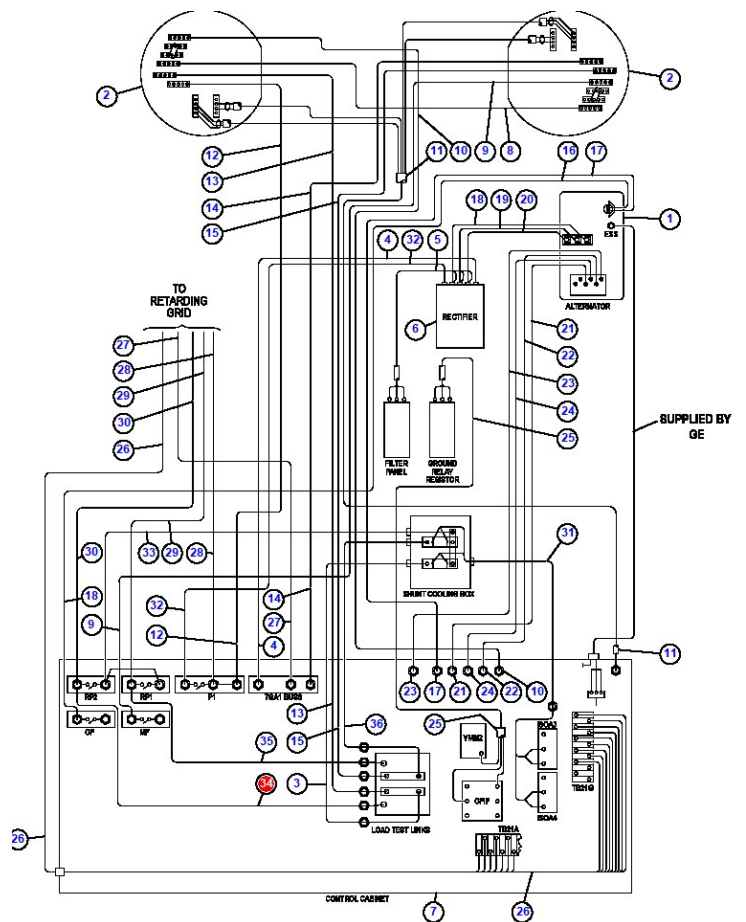
Bolt/Nuts



Linning Pad and Disc



Power Cable and control Harness





3 PN Comparison Chart

S/N	Description	KOMATSU#	GE#
1	INTERLOCK	VE3530	17AF45C2
2	CONTACTOR	VE1317	17CM55AH6
3	CONTACTOR	PB6137/PB5594/XA3538	17CM55AH6A
4	XCARD 100	AK1991	17FB100B3
5	XCARD 103	AK1993	17FB103B2
6	XCARD 104	AK1994/GE0309	17FB104B2
7	XCARD 140	AK7945/XA3560	17FB140B2
8	XCARD 144	BF5184/XA5838/XA3726	17FB144B3
9	RESISTOR PANEL	PB4267/BF3737	17FM363B1
10	FDP Panel	VE6113/BF3780	17FM384B1
11	ISOLATION AMPLIFIER	PB4252	17FM394J1
12	XPANEL	VE6118/BF3781	17FM458A2
13	AFSE ASSEMBLY	PB8838	17FM466E1
14	MFSE ASSEMBLY	PB8837	17FM467D1
15	MAIN RECTIFIER ASSEMBLY	GE0557 BF3746 PB6489	17FM528
16	HEAT SINK ASSEMBLY	GE0058 AK5202	41C665155G3
17	MAIN RECTIFIER DIODE	XA2058 VE0174	41A281727P1
18	PANEL DISPLAY	PB8056/BF3751	17FM532A1
19	R1 RESISTOR	GE0152	17FR102A1
20	FDR GRR	GE0860 GE1177	17FR402A1
21	RELAY 24VDC COIL	VG7043	17LV66J46
22	VALVE	BF1398/BF0986	17MV38G12
23	SPEED SENSOR	VJ0972	41A262893P1
24	SURGE ARRESTOR	PB4255	41A264833G1 41B56697G1
25	DUAL DIODE BOARD	PB5587	41A273897G2
26	INDICATE BOARD	VS6820	41A278503G1
27	BATTERY BOOST CARD	VE0687	41A278503G2
28	GATE FIRE MODULE	VS7373/58B-43-00620	41A279579G1
29	RESISTOR	VS6823	41A281404P2
30	RESISTOR	VS6824	41A281691P7
31	DIODE WITH CLAMP	VE0036	41A281725P1
32	SCR WITH CLAMP	GE1211/GE1212/GE1213/GE1214	41A281726P1
33	CAPACITOR	VE3847	41B596011P2
34	SYN TRANSFORMER	EF5554	41A296074P1
35	P1 CONTACTOR	PB9230	41A296327AMP2
36	P1 MOVEABLE CONTACT	BF2131/XA2046	3X6659
37	P1 STATION CONTACT	BF2132/XA2045	3X6660
38	XREVERSE SWI	PB9229	41A296327AJP1
39	MOVABLE CONTACT	BF2122/BF2137	3X6671



S/N	Description	KOMATSU#	GE#
40	STATIONARY CONTACT	BF2124	3X6672
41	STATIONARY CONTACT	BF2123	3X6673
42	INSULATOR	BF2125	3X6674
43	BEARING	BF2126	
44	SPRING	BF2127	
45	LOCKNUT	BF2128	
46	INTERLOCK	BF2129	
47	SURGE ARRESTOR	BF4452	41B566971G1
48	FILTER PANEL	GE0148 PB5066	41C662412G2
49	BACKPLANE STATEX III	VE8197 BF2097	41C667286G1
50	FAN BLADE	VE4256	41D732534G1
51	FAN BLADE	VE4257	41D732534G2
52	ARC CHUTE	VJ0846	41D752791G1
53	CONTACT TIP	VE1183	9960190G7
54	DB1 ASSEMBLY	EK4993 SM1963-2	KOMATSU
55	RB1 Board Relay	EK3808 SM1943	KOMATSU
56	RB2 Board Relay	EK3813 SM1947	KOMATSU
57	RB3 Board Relay	EK3803 SM1951	KOMATSU
58	RB4 Board Relay	EK3806 SM5651	KOMATSU
59	RB5 Board Relay	EK3811 SM1959	KOMATSU
60	RB6 RB7 RB8 Board Relay	EK4991	KOMATSU
61	AID#1 DIODE W SOUND	VJ0923	KOMATSU
62	AID#2 DIODE WO SOUND	VJ0924	KOMATSU
63	AID#3 4# DUAL HOT SWITCH	VJ0925	KOMATSU
64	AID#5 OIL LEVEL TERMPERATURE	PC0040	KOMATSU
65	AID#7 SINGLE TERPERATURE	PB5672	KOMATSU
66	AID#8 FLASHER COOLANT LEVEL	VJ8805	KOMATSU
67	AID BOX	VE3422	KOMATSU
68	GRID RESISTOR		17EA20K108
69	GRID RESISTOR		17EA20K118
70	GRID RESISTOR		17EA20K119
71	GRID RESISTOR		17EA20H108
72	GRID RESISTOR		17EA20H120
73	GRID RESISTOR		17EA20H123
74	GRID RESISTOR	XA2476	17EA33D306
75	GRID RESISTOR	XA2475	17EA33D420
76	BLOWER ASSEMBLY	XA4146 GE0017	5GY19L8
77	FAN BLADE	VE4256	41D732534G1
78	FAN BLADE	VE4257	41D732534G2
79	FRAME HEAD	BF1885 XA4244	
80	FRAME HEAD	BF1886 XA4245	
81	FRAME HEAD	XA4245	
82	ARMATURE ASSEMBLY	GE0046	



S/N	Description	KOMATSU#	GE#
83	SEAL	VE8978	
84	BRUSH HOLDER	VS8587	
85	BLOWER BRUSH	VE8445 VE7076 VE7076-1	
86	SWITCH	PB1319 TY8745 VE3409	
87	PAYLOAD III SENSOR KIT	AK4998 58E-00-00371	
88	PAYLOAD III Controller	EJ3060 58B-06-10000	
89	SCORE BOARD	PC1137	
90	FILTER PANEL	GE0148 PB5066 BF3738	
91	CAPACITOR	VE3846	
92	ALTERNATOR	PC2665	5GTA22
93	IMPELLER	VE3041	
94	IMPELLER	VE3042	
95	FAN HOUSING	BF0930	
96	FAN HOUSING	VE8377	
97	ALTERNATOR BRUSH	VE8444	84A203180P1
98	ALTERNATOR BRUSH	VE4034	84C603599P01
99	ALTERNATOR BRUSH HOLDER	VJ1024	
100	WHEEL MOTOR ASSEMBLY	PB9732	5GE788FS10
101	MOTOR ASSEMBLY	BF2111	
102	BEARING	VE0499	
103	BEARING	VE0500	
104	SEAL	VE0518	
105	WEAR BAND	VE0662	
106	WEAR BAND	VE0656	
107	O-RING	VE7201	
108	V-RING	VE7212	
109	BRUSH	VE8445 AK3653	41B537963P09
110	BRUSH HOLDER	VJ0912	



Jiangxi Group Dexing Copper mine.

This Copper mine has been developing for over 35 years, from an altitude of 300m to -300m. Controland components are running as the heart and brain.



NAVOI Gold Mine

The Second Largest Gold mine in the world

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