

THE COMMERCIAL TRADING COMPANY
Schenectady, N.Y.

General Electric Company

General Electric Co.

Schenectady, N.Y.

Accompanying
General Electric Co.

73095

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BULLETIN NO. 54657.1

PRINCIPAL SUPPLY PARTS OF TYPE PG-5 FORM E1 CONTROLLER

REVERSE UNIT AND CUTOUT SWITCH

Cat.No.	Description
203836	REVERSE CYLINDER with shaft, segments and operating crank
1406331	"U" shaped copper contact segment for wide contact fingers (3 1/8 in. long)
1469083	Wide copper contact segment for wide contact fingers (1 3/8 in. long)
1469096	Narrow copper contact segment for wide contact fingers (1 3/8 in. long)
1405018	Copper contact segment for narrow contact fingers
472537	Fiber filler segment for narrow contact fingers
203839	Fiber filler strip between wide contact fingers segments, with dowel pins
1405021	Small segment screw (No. 8, 3/4 in. f.h. sp'1)
1405053	Large segment screw (No. 12, 1 in. f.h. sp'1)
203840	Set of copper and fiber segments. Includes 4 each copper contact segments Nos. 1406331, 1469083, 1469096; 2 copper contact segments No. 1405018; 2 fiber filler segments No. 472537; 2 fiber filler strips No. 203839; 6 screws No. 1405021 and 32 screws No. 1405053
205101	FINGER BLOCK, left-hand, with finger bases and fingers
205102	FINGER BLOCK, right-hand, with finger bases and fingers
1404076	Finger base for wide contact finger
1404083	Finger base for narrow contact finger
1407284	Wide contact finger. Per set of 16. Cat.No. is for one finger
1404009	Narrow contact finger. Per set of 6. Cat.No. is for one finger
1823159G1	REVERSE OPERATING MECHANISM with pistons, packing and cylinder heads
1406325	Gasket between cylinder head and air cylinder
1405013	Leather packing for piston
1405014	Retainer for piston packing
203855	MAGNET VALVE, complete

NOTE:- Data subject to change without notice.

PRINCIPAL SUPPLY PARTS OF TYPE PC-5 FORM E1 CONTROLLER

REVERSER UNIT AND CUTOUT SWITCH

Cat.No.	Description
193565	Valve seat
203798	Magnet coil with connection blocks
1416765	Exhaust stem
1416763	Inlet valve
170634	Compression spring for inlet valve
1401951	Gasket between magnet valve body and air cylinder
1978192G1	CUTOUT SWITCH

LINE BREAKER UNIT

224794	LINE BREAKER with support, blowout coil, arc chute and interlock
1402702	Gasket between cylinder head and air cylinder casting
1405013	Leather packing for piston
1405014	Retainer for piston packing
203875	Contact lever with bushing, shunt and contact tip
1467860*	Contact tip for contact lever
1466992	Shunt for contact lever and air cylinder casting
495028	Burning tip for contact lever
193568	Arc chute, consists of side plates, spacing blocks, field pieces and supports
203883	Arc chute side
203888	INTERLOCK FINGER BLOCK with finger bases and fingers
1404009	Contact fingers. Per set of 5. Cat.No. is for one finger
224800	INTERLOCK CONTACT BLOCK with segments
1884728P6	Large copper contact segment
203893	Small copper contact segment
203855	MAGNET VALVE, complete
193565	Valve seat
203798	Magnet coil with connection blocks
1416765	Exhaust stem
1416763	Inlet valve
170634	Compression spring for inlet valve
1401951	Gasket between magnet valve body and air port
203895	Insulation box for line breaker unit
203896	Insulation cover for line breaker unit

RELAY AND RESISTOR UNITS

OVERLOAD RELAY

224801	OVERLOAD RELAY, Type DB-690 Form C1
203904	Resetting coil
1425527	Contact disk

PRINCIPAL SUPPLY PARTS OF TYPE PC-5 FORM E1 CONTROLLER

RELAY AND RESISTOR UNITS

OVERLOAD RELAY

Cat.No.	Description
203924	Contact post with contact tip
461890	Contact tip

CURRENT LIMIT RELAY

205114	CURRENT LIMIT RELAY, Type DB-808 Form B6
205118	Lifting coil
205119	Holding coil
205120	By-pass coil
176250	Contact for series coil armature
1407225	Contact for holding coil armature
205129	Small resistor unit, 1000-J, Form 2C
244829	Large resistor unit, 2500-B, Form 2F

CONTROL CYLINDER UNIT

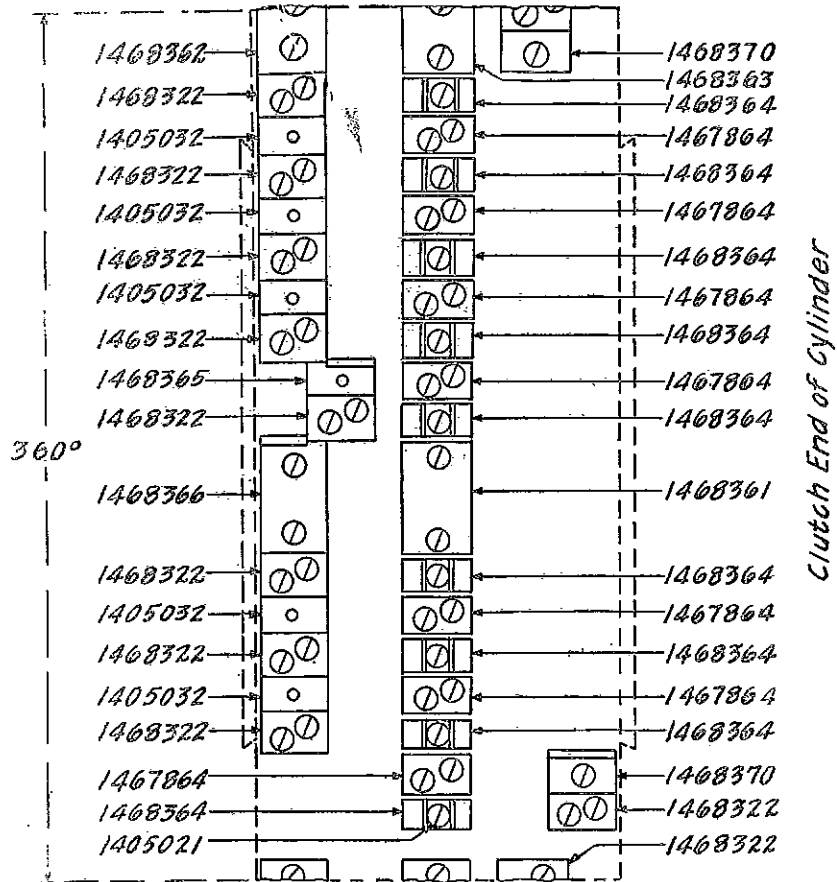
205130	CONTROL CYLINDER with shaft, segments, clutch for pinion and collar
203942	Set of copper and fiber segments. Includes 10 segments No. 1468322; 9 segments No. 1468364; 7 segments No. 1467864; 5 segments No. 1405032; 2 segments No. 1468370; 1 each segments Nos. 1468361, 1468362, 1468363, 1468365, 1468366 and 53 screws No. 1405021 For development of segments see Page 4
489083	Bushing for control cylinder bearing bracket
203947	CONTROL FINGER BLOCK with finger bases and fingers
1404009	Contact finger. Per set of 8. Cat.No. is for one finger

MAIN OPERATING MECHANISM

1402734	Gasket for cylinder head, "ON" valve end
1402728	Gasket for cylinder head, "OFF" valve end
1404051	Leather packing for piston
1404057	Retainer for piston packing
203959	"ON" MAGNET VALVE, complete
193565	Valve seat
203798	"ON" magnet coil with connection blocks
1421797	Exhaust stem
1416763	Inlet valve
170634	Compression spring for inlet valve

PRINCIPAL SUPPLY PARTS OF TYPE PC-5 FORM E1 CONTROLLER.

DEVELOPMENT OF CONTROL CYLINDER SEGMENTS.



PRINCIPAL SUPPLY PARTS OF TYPE PC-5 FORM E1 CONTROLLER

MAIN OPERATING MECHANISM

Cat.No.	Description
1401951	Gasket between "ON" magnet valve and cylinder end casting
224802	"OFF" MAGNET VALVE, complete
224803	Valve seat
203962	"OFF" magnet coil with connection blocks
1419783	Exhaust stem
1416451	Exhaust valve
1416452	Inlet valve
176451	Compression spring for inlet valve
176452	Inlet valve seat
1443117	Gasket between "OFF" magnet valve and cylinder end casting
193578	Accelerating valve with air pipe and union
193581	Valve stem
236323	Compression spring for valve stem

CAM SHAFT AND CHECK PAWL

224798	CAM SHAFT with cams, spacing collars, star wheel and pinion
203973	Self aligning bushing for cam shaft bearing block
203974	Oiler for cam shaft bearing
193591	Check pawl with roller bearing, spring and plunger
204032	Roller bearing for cam shaft star wheel

CONTACTOR UNIT

205133	CONTACTOR, complete, (8 used. Cat.No. is for one contactor)
1431197	Insulation base for supporting bracket or blowout coil support
203984	Contact lever with bushing
1466032	Contact tip
1400457	Arcing tip
1466947	Shunt for contact lever and supporting bracket
203985	Roller bearing for cam
203986	Compression spring for contact lever

ARC DEFLECTOR FOR CONTACTOR UNITS

1655332G3	ARC DEFLECTOR, complete, with channel iron, hinge brackets and arcing plates
1431027	Arcing plate
203994	Auxiliary arc chute

PRINCIPAL SUPPLY PARTS OF TYPE PC-5 FORM EI CONTROLLER
COVERS

Cat.No.	Description
205143	Door for cutout switch with dust guards and hinges
205148	End cover with latch, for reverser unit
204035	Large side cover for line breaker and main air cylinder compartments, with catch
204036	Small side cover for line breaker and main air cylinder compartments, with latch
204037	Large side cover for contactor compartment, with latch
204038	Small side cover for contactor compartment, with catch

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