

FINAL BOM OF VCB -MU SERIES 2ND GENERATION (01/08/18)

SI.NO	PART NO	DESCRIPTION	DETAIL AND SPECIFICATION	MATERIAL/MODEL/MAKE	QUANTIT Y	UNIT
		SHAFT ASSEMBLY				
1.	12BR-001-WAMS	W.A OF MAIN SHAFT	Ø35x512 lg. mm	MS	1	NO'S
2.	12BR-006-BB	BEARING BLOCK	100x85x20 mm	MS	2	NO'S
3.	12BR-007-MDR	MAIN DRIVE ROD	Ø20x235 mm lg	MS	1	NO'S
4.	12BR-008-PNMS	SS PIN FOR DRIVE ROD WITH MAINSHAFT	Ø12x52 mm lg	SS	6	NO'S
5.	12BR-009-A-REB	ROD END BEARING A	Ø10 mm	10 POS MALE	3	NO'S
6.	12BR-009-B-REB	ROD END BEARING B	Ø12 mm	12 POS FEMALE	2	NO'S
7.	12BR-009-01-BTD	BEARING SPEC.	62x25 mm	6305ZZ	2	NO'S
		POLE ASSEMBLY				
8.	12BR-011-EHI	HOUSING FOR INTERRUPTER	620x150 mm	EPOXY	3	NO'S
9.	12BR-012-VI-B14	VACUUM INTERRUPTER	Ø110x227 mm 2000A	B14	3	NO'S
10.	12BR-013-TT-800A	TOP TERMINAL(630-800A)	50x10x275 lg mm	COPPER	3	NO'S
11.	12BR-014-TT-1250A	TOP TERMINAL(1250A)	60x12x275 lg mm	COPPER	3	NO'S
12.	12BR-015-ISOC-800A	ISOLATING CONTACT	120x50x6 mm	COPPER	12	NO'S
13.	12BR-016-A-PP	PRESSURE PLATE 1MM	20x2x9 mm	SPRING STEEL	24	NO'S
14.	12BR-016-B-PP	PRESSURE PLATE 2MM	20x1x95 mm	SPRING STEEL	24	NO'S
15.	12BR-017-A-STUD	STUD FOR ISOLATING CONTACT M6	M6x65mm	STEEL	12	NO'S
16.	12BR-017-B-STUD	STUD FOR ISOLATING CONTACT M8	M8x65 mm	MS	12	NO'S
17.	12BR-018-SAS	SELF ALIGN SPRING	Ø9 mm	MS	12	NO'S
18.	12BR-019-MCB(800A)	MOVING CONTACT BLOCK (800A)	47x60x20 mm	ELY.Cu/Br	3	NO'S
19.	12BR-019-MCB(1250A)	MOVING CONTACT BLOCK (1250A)	47x60x20 mm	ELY.Cu/Br	3	NO'S
20.	12BR-020-BT(1250A)	BOTTOM TERMINAL(1250A)	60x12x275 mm	ELY.Cu/Br	3	NO'S
21.	12BR-021-BT(800A)	BOTTOM TERMINAL(800A)	50x10x275 mm	ELY.Cu/Br	3	NO'S
22.	12BR-022-F(1250A)	COPPER FLEXIBLE(1250A)	60x230x12 mm	COPPER	3	NO'S
23.	12BR-022-F(800A)	COPPER FLEXIBLE(800A)	50x190x6 mm	COPPER	3	NO'S
24.	12BR-023-DRFP	DRIVE ROD FOR POLE	Ø16x208 lg mm	MS	3	NO'S
25.	12BR-024-IFDR	INSULATOR FOR DRIVE ROD	Ø43.5x150 mm	EPOXY	3	NO'S
		SPRING ASSEMBLY (CLOSE)				
26.	12BR-025-OCS	OUTER CLOSING SPRING	Ø6x260 lg mm	SPRING STEEL	1	NO'S
27.	12BR-026-LWFCS	LOCATING WASHER FOR CLOSING SPRING	Ø52x10 lg mm	MS	2	NO'S
28.	12BR-029-WAGR	WA OF GUIDE ROD	355x50x20 mm	MS	1	NO'S
29.	12BR-030-WASBCS	WA OF SWIVEL BLOCK FOR CLOSING SPRING	98x40x40 mm	MS	1	NO'S

		SPRING ASSEMBLY (OPEN)				
30.	12BR-031-PN-REB	PIN FOR ROD END BEARING	Ø10x52 lg mm	SS	3	NO'S
31.	12BR-031-1-PNBC	SS PIN FOR BEL CRANK	Ø12x66 lg mm	SS	3	NO'S
32.	12BR-032-SWBC	SWIVEL BLOCK FOR BEL CRANK	Ø12x58x30 lg mm	MS	3	NO'S
33.	12BR-033-LWCS	LOCATING WASHER FOR CONTACT SPRING	Ø50x15 lg mm	MS	6	NO'S
34.	12BR-034-STUD-CS	STUD FOR CONTACT SPRING	Ø12x235 lg mm	MS	3	NO'S
35.	12BR-035-CS(I)	CONTACT SPRING (INNER)	Ø4x122 mm lg	SPRING STEEL	3	NO'S
36.	12BR-036-HS(O)	HOLD OPEN SPRING(OUTER)	Ø4.5x250 lg mm	SPRING STEEL	1	NO'S
37.	12BR-037-H(I)	HOLD OPEN SPRING(INNER)	Ø20x250 lg mm	SPRING STEEL	1	NO'S
38.	12BR-038-LWOS	LOCATING WASHER FOR HOLD OPEN SPRING	Ø35x10 mm	MS	2	NO'S
39.	12BR-039-SFBC	SPACER FOR BELL CRANK	Ø18x25 lg mm	MS	3	NO'S
40.	12BR-040-B	BELL CRANK	84x74x6 mm	MS	6	NO'S
41.	12BR-041-SFOS	STUD FOR OPEN SPRING	Ø12x290 mm	MS	1	NO'S
42.	12BR-042-SBFHO	SWIVEL BLOCK ASSEMBLY FOR HOLD OPEN SPRING	100x60x6 mm	MS	1	NO'S
43.	12BR-043-AB	ADOPTER BLOCK FOR SPRING GUIDE	Ø20x40 lg mm	MS	3	NO'S
44.	12BR-044-CS(O)	CONTACT SPRING OUTER	Ø6x112 lg mm	SPRING STEEL	3	NO'S
		DASHPOT ASSEMBLY				
45.	12BR-045-PISR	PISTON RING	Ø52.25 lg mm	CAST IRON	1	NO'S
46.	12BR-046-DP	DASH POT	Ø60x76 lg mm	ALUMINIUM	1	NO'S
47.	12BR-047-WAPIS	WA OF PISTON DASHPOT	Ø49.5x175 lg mm	MS	1	NO'S
48.	12BR-050-SWDP	WA SWIVEL BLOCK FOR DASHPOT	90x85x10 mm	MS	1	NO'S
		BREAKER ACCESSORIES				
49.	12BR-054-CH	CHARGING HANDLE	Ø16x390 lg mm	MS	1	NO'S
50.	12BR-054-DH	DOOR HANDLE	Ø11x141 mm	MS	2	NO'S
51.	12BR-055-ASL	AUXILIARY SWITCH LEVER	24x73x12 mm	NYLON	1	NO'S
		TRIPPING INTERLOCK ASSEMBLY				
52.	12BR-056-TIR	TRIPPING INTERLOCK ROD	12x12 SQx855 mm	MS	1	NO'S
53.	12BR-058-WFTI	WHEEL FOR TRIPPING INTERLOCK	Ø45x25 mm	NYLON	2	NO'S
54.	12BR-059-PNFTI	SS PIN FOR TRIPPING INTERLOCK	10x52 lg mm	SS	1	NO'S
		SCREWROD ASSEMBLY				
55.	12BR-060-WARH	WA OF RACK IN/OUT HANDLE	Ø12x900 mm	MS	1	NO'S
56.	12BR-060-01-SR	SCREWROD	360x Ø30 mm	MS	1	NO'S
57.	12BR-061-NB	NUT BLOCK FOR SCREWROD	76x76x16mm	MS	1	NO'S
58.	12BR-062-HB	HINGE BLOCK FOR SCREWROD	76x76x16 mm	MS	1	NO'S
		SHUTTER ASSEMBLY				

59.	12BR-063-SH	SMC SHUTTER	684x140x4 mm	FRP	2	NO'S
60.	12BR-064-SSR	SHUTTER SQUARE ROD	12x125Qx1020 mm	MS	2	NO'S
61.	12BR-065-RLFS	RISING LEVER FOR SHUTTER	670x25x6 mm	MS	2	NO'S
62.	12BR-073-RO-SH	WHEEL FOR SHUTTER	Ø65x25 mm	NYLON	2	NO'S
		WHEEL ASSEMBLY				
63.	12BR-075-TW	TRUCK WHEEL	Ø84x25 lg mm	NYLON	4	NO'S
64.	12BR-076-PNFTW	SS PIN FOR TRUCK WHEEL	Ø12x62 lg mm	SS	4	NO'S
65.	12BR-076-CP	COTTER PIN				NO'S
		COIL ASSEMBLY				
66.	12BR-077-CC	CLOSING COIL	110 V DC, 285W, 37Ω	COPPER COIL	1	NO'S
67.	12BR-078-TC	TRIP COIL	110 V DC, 285W, 37Ω	COPPER COIL	1	NO'S
		PUSH BUTTON ASSEMBLY				
68.	12BR-079-PLB	PLUNGER FOR L BRACKET	Ø20X65 mm	MS	2	NO'S
69.	12BR-085-CLB	CLOSING FOR L BRACKET	100x500x5 mm	MS	1	NO'S
		ELECTRICAL ITEMS				
70.	12BR-087-LS	LIMIT SWITCH FOR SPRING CHARGE MOTOR	2NO+2NC	JO2 SILR	1	NO'S
71.	12BR-088-AS	AUXILIARY SWITCH	8NO+8NC	1	NO'S
72.	12BR-089-SP.M	SPRING CHARGE MOTOR	230VAC, 150w	SG103S12	1	NO'S
73.	12BR-090-W	WIRES	1.5 SQ.mm	COPPER	100	MTRS
74.	12BR-091-LU	LUGS	1.5 SQ.mm	COPPER	90	NO'S
75.	12BR-092-BNW-1	BOLT NUTS WITH WASHERS-1	M08x25 mm	MS	10	NO'S
76.	12BR-093-BNW-2	BOLT NUTS WITH WASHERS-2	M10x30 mm	MS	15	NO'S
77.	12BR-094-P&S	PLUG & SOCKET	24 PIN	CONNECTING ELMEX	1	NO'S
78.	12BR-095-TB	TERMINAL BLOCK	CTS 6	CONNECTING ELMEX	10	NO'S
79.	12BR-096-TWR	TRUFF WITH RAIL	25x40	MS	MTR,200C	NO'S
80.	12BR-097-SCM	SPRING CHARGE COMPONENTS	MS-2mm	1	NO'S
81.	12BR-098-GM	GROUP MARKER	GMH6	CONNECTING ELMEX	1	NO'S
82.	12BR-099-EP	END PLATE	EP6/10U	CONNECTING ELMEX	1	NO'S
83.	12BR-100-EC	END CLAMP	EA702	CONNECTING ELMEX	2	NO'S
84.	12BR-101-CT	COUNTER	RS5 STROKE COUNTER		1	NO'S
		HARDWARES				
85.	12BR-102-NLN-1	NYLON LOCK NUT -1	M6	SS	24	NO'S
86.	12BR-103-NLN-1	NYLON LOCK NUT -2	M8	SS	26	NO'S
87.	12BR-104-WS-1	WASHER -1	M6	SS	24	NO'S

88.	12BR-105-WS-1	WASHER -2	M8	MS	26	NO'S
89.	12BR-107-HN-2	HALF NUT -2	M12	MS	12	NO'S
90.	12BR-108-HEN	HEX NUT	M16	MS	2	NO'S
91.	12BR-110-BW-1	BRASS WASHER -1	M12X1 mm	MS	15	NO'S
92.	12BR-111-BW-2	BRASS WASHER -2	M12X0.5 mm	MS	15	NO'S
93.	12BR-112-HC	HELICOIL	M10X1(800A)	MS	6	NO'S
94.	12BR-114-AB	ALLEN BOLT	M12X45 mm	MS	3	NO'S
95.	12BR-115-HB-1	HEX BOLT -1	M10X55 mm	MS	22	NO'S
96.	12BR-117-HB-3	HEX BOLT -3	M10X30 mm	MS	10	NO'S
97.	12BR-119-HB-A	HEX BOLT -A	M8X40 mm	MS	2	NO'S
98.	12BR-121-HB-C	HEX BOLT -C	M8X25 mm	MS	65	NO'S
99.	12BR-122-HB-D	HEX BOLT -D	M6X25 mm	MS	10	NO'S
100.	12BR-123-CHS	C.H.S	6X15 mm	MS	10	NO'S
101.	12BR-124-MECH	MECHANISM (WITH CLOSE & TRIP LATCH ASSEMBLY, WITHOUT COIL AND SPRING)	250X280 mm	MS	1	NO'S
102.		ALUMINIUM PUSH BUTTON WITH M.S WELDED BRACKET			1	Set
103.		M.S PUSH BUTTON WITH M.S HOLLOW BUSH			1	Set
		OLD BREAKER COMPONENTS WHICH ARE NOT USED				
1.	12BR-053-SP-A	SUPPORT PILLAR FOR BREAKER -A	Ø16X346 lg mm	MS	1	NO'S
2.	12BR-053-SP-B	SUPPORT PILLAR FOR BREAKER -B	Ø16X352 lg mm	MS	1	NO'S
3.	12BR-069-SP-SH	SHUTTER BUSH FOR SHUTTER	Ø12x15 lg mm	MS	2	NO'S
4.	12BR-109-SP	ZINC PLATED SPLIT PIN 2.5X25	2.5x25 mm	MS	50	NO'S
5.	12BR-116-HB-2	HEX BOLT -2	M10x45 mm	MS	20	NO'S
6.	12BR-118-AB	ALLEN BOLT	M8x75 mm	MS	6	NO'S
7.	12BR-120-HB-B	HEX BOLT -B	M8x30 mm	MS	14	NO'S