

CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
1	N/0/0001	297310210114H	T016/016	HIGH VOLTAGE BUSHING	HBTB585625R0001	CLW/ES/3/0052/D	01	1.00	1.00	
			T016/016	HIGH VOLTAGE BUSHING	HBTB585625R0001		01	1.00	NIL	
			B016/016	HIGH VOLTAGE BUSHING	HBTB585625R0001		01	NIL	1.00	
2	N/0/0007	296100350114P	T032/003	BUZZER OVERSPEED / FIRE ALARM / VIGILANCE WARNING	HBTB585528R0101	CLW/ES/3/0078/B	01	2.00	2.00	
			T032/044	BUZZER OVERSPEED/FIRE ALARM/ VIGILANCE WARNING	HBTB585528R0101		01	2.00	NIL	
			B032/044	BUZZER OVERSPEED/FIRE ALARM/ VIGILANCE WARNING	HBTB585528R0101		01	NIL	2.00	
3	N/0/0009	297710180114P	T020/008	CAPACITORS (22 MICRO FARAD) ALONGWITH ACCESSORIES i.e. RETAINING RING, MOUNTING PLATE, INSULATING PART AS PER DRAWING NO. CLW/ES/3/SK-2/0097/C	3EHP585811P0002	CLW/ES/3/0097/C	01	4.00	4.00	
			T020/224	CAPACITOR TO SCAVENGE BLOWER MR	3EHP585811P0002		01	1.00	NIL	
			T020/081	CAPACITOR TO SCAVENGE BLOWER MR	3EHP585811P0002		01	1.00	NIL	
			T023/033	RUNNING CAPACITOR FOR M. R. BLOWER	3EHP585811P0002		01	1.00	NIL	
			T023/515	RUNNING CAPACITOR FOR M. R. BLOWER	3EHP585811P0002		01	1.00	NIL	
			B023/180	RUNNING CAPACITOR FOR M. R. BLOWER	3EHP585811P0002		01	NIL	1.00	
			B023/033	RUNNING CAPACITOR FOR M. R. BLOWER	3EHP585811P0002		01	NIL	1.00	
			B020/224	CAPACITOR TO SCAVENGE BLOWER MR	3EHP585811P0002		01	NIL	1.00	
			B020/081	CAPACITOR TO SCAVENGE BLOWER MR	3EHP585811P0002		01	NIL	1.00	
4	N/0/0010	299600220114P	T019/009	CONTACTOR FILTER ON/OFF & ADAPTION (CONTACTOR TYPE-1)	HSBA433699R1384	CLW/ES/3/0086/A	01	2.00	2.00	
			T021/004	CONTACTOR FILTER ADAPTION	HSBA433699R1384		01	1.00	NIL	
			T021/003	CONTACTOR FILTER ON/OFF	HSBA433699R1384		01	1.00	NIL	
			B021/004	CONTACTOR FILTER ADAPTION	HSBA433699R1384		01	NIL	1.00	

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Approved by

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			B021/003	CONTACTOR FILTER ON/OFF	HSBA433699R1384		01	NIL	1.00	
5	N/0/0011	297710060114P	T021/005	CAPACITOR BANK HARMONIC FILTER ALONGWITH ACCESSORIES i.e. TIGHTENING CLAMP ,FRONT HALF SHELL,REAR HALF SHELL WITH HARDWARES AS PER DRAWING NO. CLW/ES/3/SK-1/0087/A AND CLW/ES/3/SK-2/0087/A.	3EHP510205R1001	CLW/ES/3/0087/A	01	6.00	2.00	
			T021/005	CAPACITOR BANK HARMONIC FILTER ALONGWITH ACCESSORIES i.e. TIGHTENING CLAMP ,FRONT HALF SHELL,REAR HALF SHELL WITH HARDWARES AS PER DRAWING NO. CLW/ES/3/SK-1/0087/A AND CLW/ES/3/SK-2/0087/A.	3EHP510205R1001		01	6.00	NIL	
			B021/005	CAPACITOR BANK HARMONIC FILTER ALONGWITH ACCESSORIES i.e. TIGHTENING CLAMP ,FRONT HALF SHELL,REAR HALF SHELL WITH HARDWARES AS PER DRAWING NO. CLW/ES/3/SK-1/0087/A AND CLW/ES/3/SK-2/0087/A.	3EHP510205R1001		01	NIL	2.00	
6	N/0/0012	298900320114P	T021/006	CONTACTOR FOR DISCHARGING RESISTOR (CONTACTOR TYPE-2)	3EHP585762R6183	CLW/ES/3/0088/A	01	1.00	1.00	
			T021/006	CONTACTOR FOR DISCHARGING RESISTOR	3EHP585762R6183		01	1.00	NIL	
			B021/006	CONTACTOR FOR DISCHARGING RESISTOR	3EHP585762R6183		01	NIL	1.00	
7	N/0/0014	298900560114P	T023/009	CONTACTOR FOR MAIN COMPRESSOR AND BUR-1/2 (CONTACTOR TYPE - 3)	HBTB585683R2927	CLW/ES/3/0095/C	01	5.00	5.00	01 no is to be drawn for fitting in A.C. systems in the Locos.
			T023/177	CONTACTOR FOR MAIN COMPRESSOR	HBTB585683R2927		01	1.00	NIL	
			T023/025	CONTACTOR FOR MAIN COMPRESSOR	HBTB585683R2927		01	1.00	NIL	
			T023/517	CONTACTOR FOR BUR -1/2	HBTB585683R2927		01	2.00	NIL	
			T023/638	CONTACTOR FOR AC SYSTEM	HBTB585683R2927		01	1.00	NIL	
			B023/517	CONTACTOR FOR BUR -1/2	HBTB585683R2927		01	NIL	2.00	

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			B023/177	CONTACTOR FOR MAIN COMPRESSOR	HBTB585683R2927		01	NIL	1.00	
			B023/025	CONTACTOR FOR MAIN COMPRESSOR	HBTB585683R2927		01	NIL	1.00	
			B023/638	CONTACTOR FOR AC SYSTEM	HBTB585683R2927		01	NIL	1.00	
8	N/2/0015	297710200114P	T023/371	START- UP CAPACITOR (47 MICRO FARAD)	3EHP585811P0005	CLW/ES/3/0097/C	01	2.00	2.00	
			T023/516	START - UP CAPACITOR FOR MACHINE ROOM BLOWER	3EHP585811P0005		01	1.00	NIL	
			T023/180	START - UP CAPACITOR FOR MACHINE ROOM BLOWER	3EHP585811P0005		01	1.00	NIL	
			B023/372	START - UP CAPACITOR FOR MACHINE ROOM BLOWER	3EHP585811P0005		01	NIL	1.00	
			B023/421	START - UP CAPACITOR FOR MACHINE ROOM BLOWER	3EHP585811P0005		01	NIL	1.00	
9	N/0/0016	298900200114P	T024/011	CONTACTOR FOR CONTROL ELECTRONICS AND CONTROL CKT. 'ON ' (CONTACTOR TYPE - 4)	HBTB585633R0820	CLW/ES/3/0034/B	01	2.00	2.00	
			T024/236	CONTACTOR CONTROL ELECTRONICS	HBTB585633R0820		01	1.00	NIL	
			T024/214	CONTACTOR, CONTROL CIRCUIT 'ON '	HBTB585633R0820		01	1.00	NIL	
			B024/236	CONTACTOR CONTROL ELECTRONICS	HBTB585633R0820		01	NIL	1.00	
			B024/214	CONTACTOR, CONTROL CIRCUIT 'ON'	HBTB585633R0820		01	NIL	1.00	
10	N/0/0017	298910000314P	T024/364	CONTACTOR POWER SUPPLY TO CAB WITH ITS ACCESSORIES (CONTACTOR TYPE - 5)	i)HBTB585683R4227 ii)3EHP585771R0006	CLW/ES/3/0064/A	03	2.00	2.00	
			T024/439	CONTACTOR POWER SUPPLY TO CAB WITH ITS ACCESSORIES	i)HBTB585683R4227 ii)3EHP585771R0006		03	1.00	NIL	
			T024/217	CONTACTOR POWER SUPPLY TO CAB WITH ITS ACCESSORIES	i)HBTB585683R4227 ii)3EHP585771R0006		03	1.00	NIL	
			B024/439	CONTACTOR POWER SUPPLY TO CAB WITH ITS ACCESSORIES	i)HBTB585683R4227 ii)3EHP585771R0006		03	NIL	1.00	
			B024/217	CONTACTOR POWER SUPPLY TO CAB WITH ITS ACCESSORIES	i)HBTB585683R4227 ii)3EHP585771R0006		03	NIL	1.00	
11	N/1/0017	299600340114P	T021/240	CONTACTOR FOR HOTEL LOAD	HSBA433691R1485	CLW/ES/3/0308/A	01	NIL	NIL	

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			T021/240	CONTACTOR FOR HOTEL LOAD	HSBA433691R1485		01	NIL	NIL	
			B021/240	CONTACTOR FOR HOTEL LOAD	HSBA433691R1485		01	NIL	NIL	
12	N/0/0018	297100910114P	T024/366	CKT. BREAKERS WITHOUT AUXILIARY CONTACTS (TYPE-1)	HBTB585555R1013	CLW/ES/3/0037/E	01	24.00	24.00	
			T024/466	CIRCUIT BREAKER WITHOUT AUX. CONTACTS MARKER LIGHTS	HBTB585555R1013		01	1.00	NIL	
			T024/459	CIRCUIT BREAKER WITHOUT AUX. CONTACTS LIGHTING FRONT	HBTB585555R1013		01	1.00	NIL	
			T024/452	CIRCUIT BREAKER WITHOUT AUX. CONTACTS MEMOTEL SPEEDOMETER	HBTB585555R1013		01	1.00	NIL	
			T024/451	CIRCUIT BREAKER WITHOUT AUX. CONTACTS 24 V / 48 V POWER SUPPLY	HBTB585555R1013		01	1.00	NIL	
			T024/450	CIRCUIT BREAKER WITHOUT AUX. CONTACTS CENTRAL ELECTRONICS	HBTB585555R1013		01	2.00	NIL	
			T024/449	CIRCUIT BREAKER WITHOUT AUX. CONTACTS COMMISSIONING -2	HBTB585555R1013		01	1.00	NIL	
			T024/448	CIRCUIT BREAKER WITHOUT AUX. CONTACTS COMMISSIONING -1	HBTB585555R1013		01	1.00	NIL	
			T024/447	CIRCUIT BREAKER WITHOUT AUX. CONTACTS PNEUMATIC PANEL	HBTB585555R1013		01	1.00	NIL	
			T024/444	CIRCUIT BREAKER WITHOUT AUX. CONTACTS MONITORING	HBTB585555R1013		01	1.00	NIL	
			T024/443	CIRCUIT BREAKER WITHOUT AUX. CONTACTS VIGILANCE CONTROL	HBTB585555R1013		01	1.00	NIL	
			T024/441	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS TRACTION CONVERTER	HBTB585555R1013		01	1.00	NIL	
			T024/238	CIRCUIT BREAKER LIGHTING FRONT	HBTB585555R1013		01	1.00	NIL	
			T024/226	CIRCUIT BREAKER WITHOUT AUX. CONTACTS 24 V / 48 V POWER SUPPLY	HBTB585555R1013		01	1.00	NIL	
			T024/225	CIRCUIT BREAKER WITHOUT AUX. CONTACTS CENTRAL ELECTRONICS	HBTB585555R1013		01	2.00	NIL	
			T024/222	CIRCUIT BREAKER WITHOUT AUX. CONTACTS MONITORING	HBTB585555R1013		01	1.00	NIL	

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			T024/221	CIRCUIT BREAKERWITHOUT AUX. CONTACTS PANTOGRAPH / VCB CONTROL	HBTB585555R1013		01	1.00	NIL	
			T024/219	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS TRACTION CONVERTER	HBTB585555R1013		01	1.00	NIL	
			T024/463	CIRCUIT BREAKER WITHOUT AUX. CONTACTS FOR BUR - 1/2	HBTB585555R1013		01	1.00	NIL	
			T024/626	CIRCUIT BREAKER FOR SPEED SENSOR MONITORING	HBTB585555R1013		01	2.00	NIL	
			T024/627	CIRCUIT BREAKER FOR SR COOLING PUMP	HBTB585555R1013		01	2.00	NIL	
			B024/466	CIRCUIT BREAKER MARKER LIGHTS	HBTB585555R1013		01	NIL	1.00	
			B024/459	CIRCUIT BREAKER WITHOUT AUX. CONTACTOR LIGHTING FRONT	HBTB585555R1013		01	NIL	1.00	
			B024/452	CIRCUIT BREAKER WITHOUT AUX. CONTACT MEMOTEL SPEEDOMETER	HBTB585555R1013		01	NIL	1.00	
			B024/451	CIRCUIT BREAKER WITHOUT AUX. CONTACT 24 V / 48 V POWER SUPPLY	HBTB585555R1013		01	NIL	1.00	
			B024/450	CIRCUIT BREAKER WITHOUT AUX. CONTACT CENTRAL ELECTRONICS	HBTB585555R1013		01	NIL	2.00	
			B024/449	CIRCUIT BREAKER WITHOUT AUX. CONTACT COMMISSIONING -2	HBTB585555R1013		01	NIL	1.00	
			B024/448	CIRCUIT BREAKER WITHOUT AUX. CONTACT COMMISSIONING -1	HBTB585555R1013		01	NIL	1.00	
			B024/447	CIRCUIT BREAKER WITHOUT AUX. CONTACT PNEUMATIC PANEL	HBTB585555R1013		01	NIL	1.00	
			B024/444	CIRCUIT BREAKER WITHOUT AUX. CONTACT MONITORING	HBTB585555R1013		01	NIL	1.00	
			B024/443	CIRCUIT BREAKER WITHOUT AUX. CONTACT VIGILANCE CONTROL	HBTB585555R1013		01	NIL	1.00	
			B024/441	CIRCUIT BREAKER WITHOUT AUX. CONTACT ELECTRONICS TRACTION CONVERTER	HBTB585555R1013		01	NIL	1.00	
			B024/238	CIRCUIT BREAKER LIGHTING FRONT	HBTB585555R1013		01	NIL	1.00	
			B024/226	CIRCUIT BREAKER WITHOUT AUX. CONTACTS 24 V / 48 V POWER SUPPLY	HBTB585555R1013		01	NIL	1.00	
			B024/225	CIRCUIT BREAKER WITHOUT AUX. CONTACTS CENTRAL ELECTRONICS	HBTB585555R1013		01	NIL	2.00	

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			B024/222	CIRCUIT BREAKER WITHOUT AUX. CONTACTS MONITORING	HBTB585555R1013		01	NIL	1.00	
			B024/221	CIRCUIT BREAKER WITHOUT AUX. CONTACTS PANTOGRAPH / VCB CONTROL	HBTB585555R1013		01	NIL	1.00	
			B024/219	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS TRACTION CONVERTER	HBTB585555R1013		01	NIL	1.00	
			B024/463	CIRCUIT BREAKER WITHOUT AUX. CONTACTS FOR BUR - 1/2	HBTB585555R1013		01	NIL	1.00	
			B024/626	CIRCUIT BREAKER FOR SPEED SENSOR MONITORING	HBTB585555R1013		01	NIL	2.00	
			B024/626	CIRCUIT BREAKER FOR SR COOLING PUMP	HBTB585555R1013		01	NIL	2.00	
13	N/0/0019	297101080114P	T024/367	CKT. BREAKER WITHOUT AUXILIARY CONTACTS (TYPE-2)	HBTB585555R1043	CLW/ES/3/0037/E	01	2.00	2.00	
			T024/442	CIRCUIT BREAKER WITHOUT AUX. CONTACTS POWER SUPPLY GATE - UNITS	HBTB585555R1043		01	1.00	NIL	
			T024/220	CIRCUIT BREAKER WITHOUT AUX. CONTACTS POWER SUPPLY GATE - UNITS	HBTB585555R1043		01	1.00	NIL	
			B024/442	CIRCUIT BREAKER WITHOUT AUX. CONTACT POWER SUPPLY GATE - UNITS	HBTB585555R1043		01	NIL	1.00	
			B024/220	CIRCUIT BREAKER WITHOUT AUX. CONTACTS POWER SUPPLY GATE - UNITS	HBTB585555R1043		01	NIL	1.00	
14	N/0/0020	297101100114P	T024/368	CKT. BREAKER WITHOUT AUXILIARY CONTACTS (TYPE - 3)	HBTB585555R1023	CLW/ES/3/0037/E	01	8.00	8.00	
			T024/446	CIRCUIT BREAKER WITHOUT AUX. CONTACTS DRIVER'S CAB	HBTB585555R1023		01	1.00	NIL	
			T024/224	CIRCUIT BREAKER WITHOUT AUX. CONTACTS DRIVER'S CAB	HBTB585555R1023		01	1.00	NIL	
			T024/445	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS AUXILIARY CONVERTER	HBTB585555R1023		01	2.00	NIL	
			T024/223	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS AUXILIARY CONVERTER	HBTB585555R1023		01	1.00	NIL	
			T024/628	CIRCUIT BREAKER FOR HOTEL LOAD CONVERTER	HBTB585555R1023		01	2.00	NIL	

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			T024/629	CIRCUIT BREAKER FOR CCB PANEL	HBTB585555R1023		01	1.00	NIL	
			B024/446	CIRCUIT BREAKER WITHOUT AUX. CONTACT DRIVER'S CAB	HBTB585555R1023		01	NIL	1.00	
			B024/224	CIRCUIT BREAKER WITHOUT AUX. CONTACTS DRIVER'S CAB	HBTB585555R1023		01	NIL	1.00	
			B024/445	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS AUXILIARY CONVERTER	HBTB585555R1023		01	NIL	2.00	
			B024/223	CIRCUIT BREAKER WITHOUT AUX. CONTACTS ELECTRONICS AUXILIARY CONVERTER	HBTB585555R1023		01	NIL	1.00	
			B024/628	CIRCUIT BREAKER FOR HOTEL LOAD CONVERTER	HBTB585555R1023		01	NIL	2.00	
			B024/629	CIRCUIT BREAKER FOR CCB PANEL	HBTB585555R1023		01	NIL	1.00	
15	N/0/0021	298900680114P	T024/019	AUXILIARY CONTACTOR FOR VCB / PANTOGRAPH IN SB1 & SB2	HBTB585683R1127	CLW/ES/3/0040/A	01	2.00	2.00	
			T024/453	AUXILIARY CONTACTOR PANTOGRAPH	HBTB585683R1127		01	1.00	NIL	
			T024/229	AUXILIARY CONTACTOR VCB	HBTB585683R1127		01	1.00	NIL	
			B024/453	AUXILIARY CONTACTOR PANTOGRAPH	HBTB585683R1127		01	NIL	1.00	
			B024/229	AUXILIARY CONTACTOR VCB	HBTB585683R1127		01	NIL	1.00	
16	N/0/0023	297110100314P	T024/040	CKT. BREAKERS WITHOUT AUXILIARY CONTACTS FOR AUX. COMPRESSOR (TYPE - 6)	i)HBTB585555R1033 ii)HBTB585557R1200	CLW/ES/3/0037/E	03	1.00	1.00	
			T024/430	CKT. BREAKER WITHOUT AUXILIARY CONTACT FOR AUX. COMPRESSOR	i)HBTB585555R1033 ii)HBTB585557R1200		03	1.00	NIL	
			B024/430	CKT. BREAKER WITHOUT AUX. CONTACT FOR AUXILIARY COMPRESSOR	i)HBTB585555R1033 ii)HBTB585557R1200		03	NIL	1.00	
17	N/1/0023	297110090114P	T024/451	CKT. BREAKERS WITHOUT AUXILIARY CONTACTS (TYPE-7)	HBTB585555R1033	CLW/ES/3/0037/E	01	1.00	1.00	
			T024/460	CKT. BREAKER WITHOUT AUX. CONTACT LIGHTING MACHINE ROOM	HBTB585555R1033		01	1.00	NIL	

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			B024/460	CKT. BREAKER WITHOUT AUX. CONTACT LIGHTING MACHINE ROOM	HBTB585555R1033		01	NIL	1.00	
18	N/0/0024	298900190114P	T024/041	CONTACTOR TYPE - 6	HBTB585402R0821	CLW/ES/3/0034/B	01	7.00	7.00	
			T024/431	CONTACTOR AUXILIARY COMPRESSOR	HBTB585402R0821		01	1.00	NIL	
			T023/029	AUXILIARY CONTACTOR FOR CONTACTOR AUXILIARIES	HBTB585402R0821		01	4.00	NIL	
			T024/464	CONTACTOR FOR HEAD LIGHT	HBTB585402R0821		01	1.00	NIL	
			T024/465	CONTACTOR FOR HEAD LIGHT	HBTB585402R0821		01	1.00	NIL	
			B024/431	CONTACTOR AUXILIARY COMPRESSOR	HBTB585402R0821		01	NIL	1.00	
			B023/029	AUXILIARY CONTACTOR FOR CONTACTOR AUXILIARIES	HBTB585402R0821		01	NIL	4.00	
			B024/464	CONTACTOR FOR HEAD LIGHT	HBTB585402R0821		01	NIL	1.00	
			B024/465	CONTACTOR FOR HEAD LIGHT	HBTB585402R0821		01	NIL	1.00	
19	N/0/0025	297102120114P	T024/042	CKT. BREAKER WITHOUT AUXILIARY CONTACTS (TYPE - 8)	HBTB585501R4371	CLW/ES/3/0050/B	01	3.00	3.00	
			T024/433	CIRCUIT BREAKER CONTROL CIRCUITS LOCOMOTIVE	HBTB585501R4371		01	1.00	NIL	
			T024/432	CIRCUIT BREAKER OUTPUT BATTERY CHARGER	HBTB585501R4371		01	1.00	NIL	
			T017/107	CIRCUIT BREAKER , BATTERY	HBTB585501R4371		01	1.00	NIL	
			B024/433	CIRCUIT BREAKER CONTROL CIRCUITS LOCOMOTIVE	HBTB585501R4371		01	NIL	1.00	
			B024/432	CIRCUIT BREAKER OUTPUT BATTERY CHARGER	HBTB585501R4371		01	NIL	1.00	
			B017/107	CIRCUIT BREAKER , BATTERY	HBTB585501R4371		01	NIL	1.00	
20	N/0/0026	297410260114P	T024/453	DC/DC FOR CONVERTER - 1 IN SB-1	3EHP590001R0100	CLW/ES/3/0054/A	01	2.00	2.00	
			T024/434	DC / DC - CONVERTER - 1	3EHP590001R0100		01	1.00	NIL	
			T024/210	DC / DC - CONVERTER - 1	3EHP590001R0100		01	1.00	NIL	
			B024/434	DC / DC - CONVERTER - 1	3EHP590001R0100		01	NIL	1.00	
			B024/210	DC / DC - CONVERTER - 1	3EHP590001R0100		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
21	N/1/0026	297410630114P	T024/360	DC/DC FOR CONVERTER - 2 IN SB-2	3EHP590001R0090	CLW/ES/3/0054/A	01	2.00	2.00	
			T024/435	DC / DC - CONVERTER - 2	3EHP590001R0090		01	1.00	NIL	
			T024/211	DC / DC - CONVERTER - 2	3EHP590001R0090		01	1.00	NIL	
			B024/435	DC / DC - CONVERTER - 2	3EHP590001R0090		01	NIL	1.00	
			B024/211	DC / DC - CONVERTER - 2	3EHP590001R0090		01	NIL	1.00	
22	N/0/0029			SET OF SINGLE CORE CABLES						
				a) EARTHING CABLES						
(1)	N/2/0029	266000552214H	T034/304	CABLE 0.62CU/ETFE GNGE	HZN452890P0854	CLW/ES/3/0458/E	22	1.00	1.00	
			T034/304	CABLE 0.62CU/ETFE GNGE	HZN452890P0854		22	1.00	NIL	
			B034/304	CABLE 0.62CU/ETFE GNGE	HZN452890P0854		22	NIL	1.00	
23				b) OTHER SINGLE CORE CABLES						
(1)	N/3/0029	296000662214H	T023/160	CAB 4 GKW-AX 1.5 1800 V BK	3EHW470015P0015	CLW/ES/3/0458/E	22	2809.00/ 3069.00	2761.00	
			T023/160	CAB 4 GKW-AX 1.5 1800 V BK	3EHW470015P0015		22	2809.00/306 9.00	NIL	
			B023/160	CAB 4 GKW-AX 1.5 1800 V BK	3EHW470015P0015		22	NIL	2761.00	
(2)	N/4/0029	296000782214H	T023/161	CAB 4 GKW-AX 2.5 1800 V BK	3EHW470015P0025	CLW/ES/3/0458/E	22	9500/10239. 00	9500.00	78 metres are to be drawn for fitting in A.C. systems in the Locos.
			T023/161	CAB 4 GKW-AX 2.5 1800 V BK	3EHW470015P0025		22	9500/10239. 00	NIL	
			B023/161	CAB 4 GKW-AX 2.5 1800 V BK	3EHW470015P0025		22	NIL	9500.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(3)	N/5/0029	296000802214H	T023/162	CAB 4 GKW-AX 6 1800 V BK	3EHW470015P0060	CLW/ES/3/0458/E	22	471.00	471.00	10 metres are to be drawn for fitting in A.C. systems in the Locos.
			T023/162	CAB 4 GKW-AX 6 1800 V BK	3EHW470015P0060		22	471.00	NIL	
			B023/162	CAB 4 GKW-AX 6 1800 V BK	3EHW470015P0060		22	NIL	471.00	
(4)	N/6/0029	296000912214H	T023/163	CAB 4 GKW-AX 10 1800 V BK	3EHW470015P0100	CLW/ES/3/0458/E	22	317.00	317.00	
			T023/163	CAB 4 GKW-AX 10 1800 V BK	3EHW470015P0100		22	317.00	NIL	
			B023/163	CAB 4 GKW-AX 10 1800 V BK	3EHW470015P0100		22	NIL	317.00	
(5)	N/7/0029	296001082214H	T034/188	CAB 4 GKW-AX 16 1800 V BK	3EHW470015P0160	CLW/ES/3/0458/E	22	303.00/305.50	303.00	
			T034/188	CAB 4 GKW-AX 16 1800 V BK	3EHW470015P0160		22	303.00/305.50	NIL	
			B034/188	CAB 4 GKW-AX 16 1800 V BK	3EHW470015P0160		22	NIL	303.00	
(6)	N/8/0029	296001102214H	T023/164	CAB 4 GKW-AX 25 1800 V BK	3EHW470015P0250	CLW/ES/3/0458/E	22	143.00	143.00	
			T023/164	CAB 4 GKW-AX 25 1800 V BK	3EHW470015P0250		22	143.00	NIL	
			B023/164	CAB 4 GKW-AX 25 1800 V BK	3EHW470015P0250		22	NIL	143.00	
(7)	N/9/0029	296001212214H	T034/108	CAB 4 GKW-A X 35 1800 V BK	3EHW470015P0350	CLW/ES/3/0458/E	22	39.00/45.00	39.00	
			T034/108	CAB 4 GKW-A X 35 1800 V BK	3EHW470015P0350		22	39.00/45.00	NIL	
			B034/108	CAB 4 GKW-A X 35 1800 V BK	3EHW470015P0350		22	NIL	39.00	
(8)	N/10/0029	296001332214H	T023/165	CAB 4 GKW-AX 50 1800 V BK	3EHW470015P0500	CLW/ES/3/0458/E	22	73.00	73.00	
			T023/165	CAB 4 GKW-AX 50 1800 V BK	3EHW470015P0500		22	73.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B023/165	CAB 4 GKW-AX 50 1800 V BK	3EHW470015P0500		22	NIL	73.00	
(9)	N/11/0029	296001452214H	T034/094	CAB 4 GKW-AX 70 1800 V BK	3EHW470015P0700	CLW/ES/3/0458/E	22	220.00	220.00	
			T034/094	CAB 4 GKW-AX 70 1800 V BK	3EHW470015P0700		22	220.00	NIL	
			B034/094	CAB 4 GKW-AX 70 1800 V BK	3EHW470015P0700		22	NIL	220.00	
(10)	N/12/0029	296001572214H	T029/032	CAB 4 GKW-AX 95 1800 V BK	3EHW470015P0950	CLW/ES/3/0458/E	22	42.00/50.00	42.00	
			T029/032	CAB 4 GKW-AX 95 1800 V BK	3EHW470015P0950		22	42.00/50.00	NIL	
			B029/032	CAB 4 GKW-AX 95 1800 V BK	3EHW470015P0950		22	NIL	42.00	
(11)	N/13/0029	296001692214H	T034/078	CAB 4 GKW-AX 120 1800 V BK	3EHW470015P1200	CLW/ES/3/0458/E	22	NIL	NIL	
			T034/078	CAB 4 GKW-AX 120 1800 V BK	3EHW470015P1200		22	NIL	NIL	
			B034/078	CAB 4 GKW-AX 120 1800 V BK	3EHW470015P1200		22	NIL	NIL	
(12)	N/25/0029	296050032214H	T029/233	CAB 4 GKW - AX 150 1800 V BK	3EHW470015P1500	CLW/ES/3/0458/E	22	NIL	NIL	
			T029/233	CAB 4 GKW - AX 150 1800 V BK	3EHW470015P1500		22	NIL	NIL	
			B029/233	CAB 4 GKW - AX 150 1800 V BK	3EHW470015P1500		22	NIL	NIL	
(13)	N/14/0029	296001702214H	T021/084	CAB 9 GKW-AX 10 4000 V BK	3EHW470016P0100	CLW/ES/3/0458/E	22	10.00/12.00	10.00	
			T021/084	CAB 9 GKW-AX 10 4000 V BK	3EHW470016P0100		22	10.00/12.00	NIL	
			B021/084	CAB 9 GKW-AX 10 4000 V BK	3EHW470016P0100		22	NIL	10.00	
(14)	N/15/0029	296001822214H	T021/085	CAB 9 GKW-AX 25 4000 V BK	3EHW470016P0250	CLW/ES/3/0458/E	22	4.00	4.00	
			T021/085	CAB 9 GKW-AX 25 4000 V BK	3EHW470016P0250		22	4.00	NIL	
			B021/085	CAB 9 GKW-AX 25 4000 V BK	3EHW470016P0250		22	NIL	4.00	
(15)	N/16/0029	296001942214H	T029/060	CAB 9 GKW-AX 70 4000 V BK	3EHW470016P0700	CLW/ES/3/0458/E	22	50.00	50.00	
			T029/060	CAB 9 GKW-AX 70 4000 V BK	3EHW470016P0700		22	50.00	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B029/060	CAB 9 GKW-AX 70 4000 V BK	3EHW470016P0700		22	NIL	50.00	
(16)	N/17/0029	296002002214H	T034/082	CAB 9 GKW-AX 95 4000 V BK	3EHW470016P0950	CLW/ES/3/0458/E	22	1.50	1.50	
			T034/082	CAB 9 GKW-AX 95 4000 V BK	3EHW470016P0950		22	1.50	NIL	
			B034/082	CAB 9 GKW-AX 95 4000 V BK	3EHW470016P0950		22	NIL	1.50	
(17)	N/18/0029	296002122214H	T016/193	CAB 9 GKW-AX 120 4000 V BK	3EHW470016P1200	CLW/ES/3/0458/E	22	345.00/525.00	331.00	
			T016/193	CAB 9 GKW-AX 120 4000 V BK	3EHW470016P1200		22	345.00/525.00	NIL	
			B016/193	CAB 9 GKW-AX 120 4000 V BK	3EHW470016P1200		22	NIL	331.00	
(18)	N/19/0029	296002242214H	T021/220	CAB 9 GKW - AX 150 4000V BK	3EHW470016P1500	CLW/ES/3/0458/E	22	24.00/98.00	24.00	
			T021/220	CAB 9 GKW - AX 150 4000V BK	3EHW470016P1500		22	24.00/98.00	NIL	
			B021/220	CAB 9 GKW - AX 150 4000V BK	3EHW470016P1500		22	NIL	24.00	
(19)	N/20/0029	296002362214H	T031/459	CAB - 3GKW-0.5 FLEX YE-GN	HZN452926P0301	CLW/ES/3/0458/E	22	NIL	NIL	
			T031/459	CAB - 3GKW-0.5 FLEX YE-GN	HZN452926P0301		22	NIL	NIL	
			B031/459	CAB - 3GKW-0.5 FLEX YE-GN	HZN452926P0301		22	NIL	NIL	
(20)	N/21/0029	296002482214H	T030/986	CAB - 3GKW- 0.5 FLEX RED	HZN452926P0201	CLW/ES/3/0458/E	22	2009.60	2060.00	
			T030/986	CAB - 3GKW- 0.5 FLEX YE-RED	HZN452926P0201		22	2009.60	NIL	
			B030/986	CAB - 3GKW- 0.5 FLEX YE-RED	HZN452926P0201		22	NIL	2060.00	
24	N/0/0030c	296154600314P	T028/730	SET OF CONNECTOR FOR PANEL FOR WAG-9		CLW/ES/3/0124/O	03	1.00/NIL	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO .	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
24a	N/0/0030d	296154710314P	T028/731	SET OF CONNECTOR FOR PANEL FOR WAP-5		CLW/ES/3/0124/O	03	NIL	1.00	
24b	N/0/0030e	296154830314P	T028/732	SET OF CONNECTOR FOR PANEL FOR WAP-7		CLW/ES/3/0124/O	03	NIL/1.00	NIL	
(1)	N/1/0030		T030/046	CONTACT SOCKET SIZE 8 / 2.5 MM2	3EHW470321P2025	CLW/ES/3/0124/O	01	NIL	NIL	
(2)	N/2/0030		T030/047	CONTACT SOCKET SIZE 8 / 6 MM2	3EHW470321P2060	CLW/ES/3/0124/O	01	NIL	NIL	
(3)	N/3/0030		T030/048	CONTACT SOCKET SIZE 8 10 MM2	3EHW470321P2100	CLW/ES/3/0124/O	01	NIL	NIL	
(4)	N/4/0030		T030/049	SET OF COMPLETE PLUG / PLUG P7/24 SOCKET 'N' INDOOR	HBTB315110R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(5)	N/5/0030		T030/050	CONTACT FEMALE GR16 / CONTACT SOCKET SIZE 16	HBTB415399P0002	CLW/ES/3/0124/O	01	NIL	NIL	
(6)	N/6/0030		T030/051	PLUG DO 5P/ 14	HBTB415399P0022	CLW/ES/3/0124/O	01	NIL	NIL	
(7)	N/8/0030		T030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01	CLW/ES/3/0124/O	01	50.00/62.00	62.00	
			T030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01		01	50.00/62.00	NIL	
			B030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01		01	NIL	62.00	
(8)	N/9/0030		T030/054	ADAPTOR STR. SIZE 18	HBT415278P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(9)	N/10/0030		T030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032	CLW/ES/3/0124/O	01	4.00/8.00	8.00	
			T030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032		01	4.00/8.00	NIL	
			B030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032		01	NIL	8.00	
(10)	N/11/0030		T030/065	CONTACT PIN, SIZE 8/2,5 SQ.MM	3EHW470321P1025	CLW/ES/3/0124/O	01	36.00	36.00	
			T030/065	CONTACT PIN, SIZE 8/2,5 SQ.MM	3EHW470321P1025		01	36.00	NIL	
			B030/065	CONTACT PIN, SIZE 8/2,5 SQ.MM	3EHW470321P1025		01	NIL	36.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(11)	N/12/0030		T030/066	CONTACT PIN, SIZE 8/6 SQ.MM	3EHW470321P1060	CLW/ES/3/0124/O	01	27.00	27.00	
			T030/066	CONTACT PIN, SIZE 8/6 SQ.MM	3EHW470321P1060		01	27.00	NIL	
			B030/066	CONTACT PIN, SIZE 8/6 SQ.MM	3EHW470321P1060		01	NIL	27.00	
(12)	N/13/0030		T030/067	CONTACT PIN, SIZE 8/10 SQ.MM	3EHW470321P1100	CLW/ES/3/0124/O	01	NIL	NIL	
(13)	N/14/0030		T017/424	CONTACT PIN 12/0.5	HBT415298P0001	CLW/ES/3/0124/O	01	120.00	120.00	
			T017/424	CONTACT PIN 12/0.5	HBT415298P0001		01	120.00	NIL	
			B017/424	CONTACT PIN 12/0.5	HBT415298P0001		01	NIL	120.00	
(14)	N/15/0030		T033/112	CONTACT PIN 12/1.0	HBT415298P0003	CLW/ES/3/0124/O	01	140.00	140.00	
			T033/112	CONTACT PIN 12/1.0	HBT415298P0003		01	140.00	NIL	
			B033/112	CONTACT PIN 12/1.0	HBT415298P0003		01	NIL	140.00	
(15)	N/16/0030		T023/166	CONTACT PIN 12/1.5	HBT415298P0005	CLW/ES/3/0124/O	01	525.00	525.00	
			T023/166	CONTACT PIN 12/1.5	HBT415298P0005		01	525.00	NIL	
			B023/166	CONTACT PIN 12/1.5	HBT415298P0005		01	NIL	140.00	
(16)	N/17/0030		T023/167	CONTACT PIN 12/2,5	HBT415298P0007	CLW/ES/3/0124/O	01	210.00	210.00	
			T023/167	CONTACT PIN 12/2,5	HBT415298P0007		01	210.00	NIL	
			B023/167	CONTACT PIN 12/2,5	HBT415298P0007		01	NIL	210.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(17)	N/18/0030		T023/168	CONTACT PIN 12/4.0	HBT415298P0009	CLW/ES/3/0124/O	01	48.00	48.00	
			T023/168	CONTACT PIN 12/4.0	HBT415298P0009		01	48.00	NIL	
			B023/168	CONTACT PIN 12/4.0	HBT415298P0009		01	NIL	48.00	
(18)	N/19/0030		T023/169	CONTACT PIN 12/6.0	HBT415298P0011	CLW/ES/3/0124/O	01	38.00	38.00	
			T023/169	CONTACT PIN 12/6.0	HBT415298P0011		01	38.00	NIL	
			B023/169	CONTACT PIN 12/6.0	HBT415298P0011		01	NIL	38.00	
(19)	N/20/0030		T031/070	CONTACT PIN 16/1.0	HBT415299P0005	CLW/ES/3/0124/O	01	14.00	14.00	
			T031/070	CONTACT PIN 16/1.0	HBT415299P0005		01	14.00	NIL	
			B031/070	CONTACT PIN 16/1.0	HBT415299P0005		01	NIL	14.00	
(20)	N/21/0030		T031/069	CONTACT PIN 16/1.5	HBT415299P0007	CLW/ES/3/0124/O	01	430.00	430.00	
			T031/069	CONTACT PIN 16/1.5	HBT415299P0007		01	430.00	NIL	
			B031/069	CONTACT PIN 16/1.5	HBT415299P0007		01	NIL	430.00	
(21)	N/22/0030		T033/115	CONTACT PIN 16/2.0/ AWG 14	HBT415299P0009	CLW/ES/3/0124/O	01	200.00	200.00	
			T033/115	CONTACT PIN 16/2.0/ AWG 14	HBT415299P0009		01	200.00	NIL	
			B033/115	CONTACT PIN 16/2.0/ AWG 14	HBT415299P0009		01	NIL	200.00	
(22)	N/23/0030		T023/173	CONTACT PIN GRO/25 SQ.MM	HBTB416435P0002	CLW/ES/3/0124/O	01	16.00	16.00	
			T023/173	CONTACT PIN GRO/25 SQ.MM	HBTB416435P0002		01	16.00	NIL	
			B023/173	CONTACT PIN GRO/25 SQ.MM	HBTB416435P0002		01	NIL	16.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(23)	N/24/0030		T023/174	CONTACT PIN GRO/50 SQ.MM	HBTB416435P0004	CLW/ES/3/0124/O	01	12.00	12.00	
			T023/174	CONTACT PIN GRO/50 SQ.MM	HBTB416435P0004		01	12.00	NIL	
			B023/174	CONTACT PIN GRO/50 SQ.MM	HBTB416435P0004		01	NIL	12.00	
(24)	N/25/0030		T031/071	CONTACT PIN SUB -D	HESG455639P1200	CLW/ES/3/0124/O	01	NIL	NIL	
(25)	N/26/0030		T017/321	CONTACT PIN MALE GR16 0,5-1,0 mm2	HBTB415399P0001	CLW/ES/3/0124/O	01	100.00	100.00	
			T017/321	CONTACT PIN MALE GR16 0,5-1,0 mm2	HBTB415399P0001		01	100.00	NIL	
			B017/321	CONTACT PIN MALE GR16 0,5-1,0 mm2	HBTB415399P0001		01	NIL	100.00	
(26)	N/27/0030		T017/378	SUB-D PLUG SET / CONNECTOR SPEEDOMETER CONNECTOR SUB-SET	3EHP590025R0519	CLW/ES/3/0124/O	01	NIL	NIL	
(27)	N/28/0030		T031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009	CLW/ES/3/0124/O	01	10.00	10.00	
			T031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009		01	10.00	NIL	
			B031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009		01	NIL	10.00	
(28)	N/29/0030		T021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009	CLW/ES/3/0124/O	01	8.00/10.00	10.00	
			T021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009		01	8.00/10.00	NIL	
			B021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009		01	NIL	10.00	
(29)	N/30/0030		T031/142	PLUG, INSULATED 0.5X2.8	3EHN424077P0001	CLW/ES/3/0124/O	01	4.00	4.00	
			T031/142	PLUG, INSULATED 0.5X2.8	3EHN424077P0001		01	4.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B031/142	PLUG, INSULATED 0.5X2.8	3EHN424077P0001		01	NIL	4.00	
(30)	N/31/0030		T033/039	PLUG SIZE 32/31 POLES (With non metallic Cable Clamp)	As per Old Gimota Part No. except surface plating)	CLW/ES/3/0124/O	01	2.00	2.00	
			T033/039	PLUG SIZE 32/31 POLES	As per Old Gimota Part No. except surface plating)		01	2.00	NIL	
			B033/039	PLUG SIZE 32/31 POLES	As per Old Gimota Part No. except surface plating)		01	NIL	2.00	
(31)	N/32/0030		T030/237	CONTACT SOCKET	3EHP430759P0002	CLW/ES/3/0124/O	01	NIL	NIL	
(32)	N/33/0030		T033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001	CLW/ES/3/0124/O	01	2.00	2.00	
			T033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001		01	2.00	NIL	
			B033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001		01	NIL	2.00	
(33)	N/34/0030		T020/036	PLUG, SIZE 28/37POLE	3EHP431609R0002	CLW/ES/3/0124/O	01	NIL	NIL	
(34)	N/35/0030		T031/612	SOCKET BODY A 1P PA	3EHW470001P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(35)	N/37/0030		T023/157	SOCKET 4P/24 PIN "N"	3EHW470072P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(36)	N/39/0030		T030/914	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N'	HBT315075R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(37)	N/40/0030		T033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031	CLW/ES/3/0124/O	01	7.00	7.00	
			T033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031		01	7.00	NIL	
			B033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031		01	NIL	7.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(38)	N/41/0030		T030/115	SET OF COMPLETE PLUG / PLUG ASSEMBLY (KIT.)	HBT315076R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(39)	N/42/0030		T033/052	L-PLUG 31P/S32 BUSH"N"B	HBT315088R0031	CLW/ES/3/0124/O	01	NIL	NIL	
(40)	N/43/0030		T033/076	CONTACT SOCKET 12/1.0	HBT415298P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(41)	N/44/0030		T030/888	CONTACT SOCKET 12/1.5	HBT415298P0006	CLW/ES/3/0124/O	01	75.00	75.00	
			T030/888	CONTACT SOCKET 12/1.5	HBT415298P0006		01	75.00	NIL	
			B030/888	CONTACT SOCKET 12/1.5	HBT415298P0006		01	NIL	75.00	
(42)	N/45/0030		T033/072	CONTACT SOCKET 12/2.5	HBT415298P0008	CLW/ES/3/0124/O	01	96.00	96.00	
			T033/072	CONTACT SOCKET 12/2.5	HBT415298P0008		01	96.00	NIL	
			B033/072	CONTACT SOCKET 12/2.5	HBT415298P0008		01	NIL	96.00	
(43)	N/46/0030		T030/674	CONTACT SOCKET 16/0.5	HBT415299P0002	CLW/ES/3/0124/O	01	NIL	NIL	
(44)	N/47/0030		T033/074	CONTACT SOCKET 16/1.0	HBT415299P0006	CLW/ES/3/0124/O	01	6.00	6.00	
			T033/074	CONTACT SOCKET 16/1.0	HBT415299P0006		01	6.00	NIL	
			B033/074	CONTACT SOCKET 16/1.0	HBT415299P0006		01	NIL	6.00	
(45)	N/48/0030		T033/073	CONTACT SOCKET 16/1.5	HBT415299P0008	CLW/ES/3/0124/O	01	160.00	160.00	
			T033/073	CONTACT SOCKET 16/1.5	HBT415299P0008		01	160.00	NIL	
			B033/073	CONTACT SOCKET 16/1.5	HBT415299P0008		01	NIL	160.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(46)	N/50/0030		T033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011	CLW/ES/3/0124/O	01	2.00	2.00	
			T033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011		01	2.00	NIL	
			B033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011		01	NIL	2.00	
(47)	N/51/0030		T032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011	CLW/ES/3/0124/O	01	2.00	2.00	
			T032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011		01	2.00	NIL	
			B032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011		01	NIL	2.00	
(48)	N/52/0030		T031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011	CLW/ES/3/0124/O	01	2.00	2.00	
			T031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011		01	2.00	NIL	
			B031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011		01	NIL	2.00	
(49)	N/53/0030		T023/158	SOCKET 7P/24 PIN "N" (With Cable Clamp and Reduction Ring)	HBTB315158R0011	CLW/ES/3/0124/O	01	4.00	4.00	
			T023/158	SOCKET 7P/24 PIN "N"	HBTB315158R0011		01	4.00	NIL	
			B023/158	SOCKET 7P/24 PIN "N"	HBTB315158R0011		01	NIL	4.00	
(50)	N/55/0030		T030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011	CLW/ES/3/0124/O	01	5.00/6.00	6.00	
			T030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011		01	5.00/6.00	NIL	
			B030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011		01	NIL	6.00	
(51)	N/56/0030		T033/038	SET OF COMPLETE SOCKET / SOCKET 31P/31 PIN 'N' (With Cable Clamp)	HBTB315160R0011	CLW/ES/3/0124/O	01	2.00	2.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T033/038	SET OF COMPLETE SOCKET / SOCKET 31P/31 PIN 'N'	HBTB315160R0011		01	2.00	NIL	
			B033/038	SET OF COMPLETE SOCKET / SOCKET 31P/31 PIN 'N'	HBTB315160R0011		01	NIL	2.00	
(52)	N/58/0030		T021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011	CLW/ES/3/0124/O	01	18.00	18.00	
			T021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011		01	18.00	NIL	
			B021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011		01	NIL	18.00	
(53)	N/60/0030		T033/102	SET OF COMPLETE SOCKET / SOCKET 61P/40 PIN 'N' INDOOR	HBTB315163R0011	CLW/ES/3/0124/O	01	10.00	10.00	
			T033/102	SET OF COMPLETE SOCKET / SOCKET 61P/40 PIN 'N' INDOOR	HBTB315163R0011		01	10.00	NIL	
			B033/102	SET OF COMPLETE SOCKET / SOCKET 61P/40 PIN 'N' INDOOR	HBTB315163R0011		01	NIL	10.00	
(54)	N/61/0030		T029/434	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0112	CLW/ES/3/0124/O	01	4.00	4.00	
			T029/434	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0112		01	4.00	NIL	
			B029/434	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0112		01	NIL	4.00	
(55)	N/62/0030		T030/755	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0113	CLW/ES/3/0124/O	01	NIL	NIL	
(56)	N/63/0030		T029/216	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0114	CLW/ES/3/0124/O	01	NIL	NIL	
(57)	N/64/0030		T030/782	SET OF COMPLETE PLUG / L-PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0211	CLW/ES/3/0124/O	01	NIL	NIL	
(58)	N/65/0030		T030/756	SET OF COMPLETE PLUG / L- PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0213	CLW/ES/3/0124/O	01	NIL	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(59)	N/66/0030		T023/156	SOCKET 4P/40 PIN "N"	HBTB315177R0001	CLW/ES/3/0124/O	01	7.00	7.00	
			T023/156	SOCKET 4P/40 PIN "N"	HBTB315177R0001		01	7.00	NIL	
			B023/156	SOCKET 4P/40 PIN "N"	HBTB315177R0001		01	NIL	7.00	
(60)	N/67/0030		T031/168	SET OF COMPLETE PLUG / L-PLUG 13P PIN 'N' OUTDOOR	HBTB315205R0111	CLW/ES/3/0124/O	01	NIL	NIL	
(61)	N/68/0030		T018/062	SOCKET 13P PIN "N" OUTDOOR	HBTB315305R0111	CLW/ES/3/0124/O	01	NIL	NIL	
(62)	N/69/0030		T017/377	SET OF COMPLETE SOCKET / SOCKET 13P PIN'N' OUTDOOR	HBTB315305R0311	CLW/ES/3/0124/O	01	NIL	NIL	
(63)	N/70/0030		T032/054	PLUG , 9P D-SUB , S1 . PINS	HBTB316240R0091	CLW/ES/3/0124/O	01	NIL	NIL	
(64)	N/71/0030		T017/420	ADAPTOR NW17/SIZE18	HBT415393P0437	CLW/ES/3/0124/O	01	NIL	NIL	
(65)	N/72/0030		T017/322	DUMMY CONTACT MALE GR16 BL/ DUMMY PLUG SIZE 16 BL	HBTB415399P0005	CLW/ES/3/0124/O	01	NIL	NIL	
(66)	N/73/0030		T029/862	SOCKET / PLUG , 5 CRIMP SOCKET S16	HBTB415399P0012	CLW/ES/3/0124/O	01	NIL	NIL	
(67)	N/74/0030		T030/275	CONTACT SOCKET AWG24-20	HESG455638P0120	CLW/ES/3/0124/O	01	450.00	450.00	
			T030/275	CONTACT SOCKET AWG24-20	HESG455638P0120		01	450.00	NIL	
			B030/275	CONTACT SOCKET AWG24-20	HESG455638P0120		01	NIL	450.00	
(68)	N/76/0030		T030/428	PLUG 9 POLES	HETT401293P0001	CLW/ES/3/0124/O	01	4.00/8.00	8.00	
			T030/428	PLUG 9 POLES	HETT401293P0001		01	4.00/8.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

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			B030/428	PLUG 9 POLES	HETT401293P0001		01	NIL	8.00	
(69)	N/77/0030		T021/110	CONNECTOR SKT 0.23, 0.5	SE408197P0013	CLW/ES/3/0124/O	01	42.00/50.00	50.00	
			T021/110	CONNECTOR SKT 0.23, 0.5	SE408197P0013		01	42.00/50.00	NIL	
			B021/110	CONNECTOR SKT 0.23, 0.5	SE408197P0013		01	NIL	50.00	
(70)	N/78/0030		T017/763	ANDERSON CONTACTS 120A	*1319	CLW/ES/3/0124/O	01	NIL	NIL	
(71)	N/79/0030		T017/762	ANDERSON PLUG PP 120A	*1321BLAU	CLW/ES/3/0124/O	01	NIL	NIL	
(72)	N/80/0030		T018/212	ANDERSON PLUG PP 120A	*1321G3ROT	CLW/ES/3/0124/O	01	NIL	NIL	
(73)	N/81/0030		T031/441	CABLE CONNECTION / HP-9P-SG-SG-17S-21-13.0 M	HBTB315385R0172	CLW/ES/3/0124/O	01	NIL	NIL	
(74)	N/82/0030		T033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010	CLW/ES/3/0124/O	01	130.00	130.00	
			T033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010		01	130.00	NIL	
			B033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010		01	NIL	130.00	
(75)	N/83/0030		T030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011	CLW/ES/3/0124/O	01	0.00/1.00	1.00	
			T030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011		01	0.00/1.00	NIL	
			B030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011		01	NIL	1.00	
(76)	N/84/0030		T029/263	PLUG 4 P BU "N" IR CA / CONNECTOR	3EHW470084R0001	CLW/ES/3/0124/O	01	NIL	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO .	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(77)	N/85/0030		T019/041	CONNECTOR / SUB D PLUG 25 P D- SUB	HBTB316240R0025	CLW/ES/3/0124/O	01	15.00	15.00	
			T019/041	CONNECTOR / SUB D PLUG 25 P D- SUB	HBTB316240R0025		01	15.00	NIL	
			B019/041	CONNECTOR / SUB D PLUG 25 P D- SUB	HBTB316240R0025		01	NIL	15.00	
(78)	N/86/0030		T019/042	CONNECTOR SPEEDOMETER	3EHP590025R0530	CLW/ES/3/0124/O	01	NIL	NIL	
(79)	N/87/0030		T019/043	PLUG, SIZE 22/19 POLE	3EHP431611R0001	CLW/ES/3/0124/O	01	NIL	NIL	
(80)	N/88/0030		T019/044	PLUG, SIZE 28/37 POLE	3EHP431611R0002	CLW/ES/3/0124/O	01	NIL	NIL	
(81)	N/89/0030		T019/045	SOCKET 4P/24 PIN"N"	3EHW470071P0001	CLW/ES/3/0124/O	01	12.00	12.00	02 nos. are to be drawn for fitting in A.C. systems in the Locos.
			T019/045	SOCKET 4P/24 PIN"N"	3EHW470071P0001		01	12.00	NIL	
			B019/045	SOCKET 4P/24 PIN"N"	3EHW470071P0001		01	NIL	12.00	
(82)	N/97/0030		T019/053	CONTACT SOCKET SUB-D	HESG455638P1200	CLW/ES/3/0124/O	01	NIL	NIL	
(83)	N/107/0030		T019/063	CONTACT SOCKET S-0/35 MM2	HBTB416434P0003	CLW/ES/3/0124/O	01	NIL	NIL	
(84)	N/108/0030		T019/064	CONTACT SOCKET S-0/30 MM2	HBTB416434P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(85)	N/111/0030		T030/946	CONTACT SOCKET 16/0.5	HBTB415298P0012	CLW/ES/3/0124/O	01	NIL	NIL	
(86)	N/113/0030		T019/235	CONTACT SOCKET 12/6.0	HBT415298P0012	CLW/ES/3/0124/O	01	NIL	NIL	
(87)	N/116/0030		T024/151	CONTACT SOCKET 1.5 MM2 * 2 RILLEN	HBT415176P0003	CLW/ES/3/0124/O	01	NIL	NIL	

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(88)	N/117/0030		T024/150	CONTACT SOCKET 0.5 MM2 * 3 RILLEN	HBT415176P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(89)	N/118/0030		T024/146	CONTACT PIN GR 16* 0.5 MM2 FOR SB - 1/2	HBT415299P0001	CLW/ES/3/0124/O	01	105.00	105.00	
			T024/146	CONTACT PIN GR 16* 0.5 MM2 FOR SB - 1/2	HBT415299P0001		01	105.00	NIL	
			B024/146	CONTACT PIN GR 16* 0.5 MM2 FOR SB - 1/2	HBT415299P0001		01	NIL	105.00	
(90)	N/119/0030		T024/253	SOCKET 22P / 36 PIN 'N'	HBTB315161R0011	CLW/ES/3/0124/O	01	3.00/4.00	3.00	
			T024/253	SOCKET 22P / 36 PIN 'N'	HBTB315161R0011		01	3.00/4.00	NIL	
			B024/253	SOCKET 22P / 36 PIN 'N'	HBTB315161R0011		01	NIL	3.00	
(91)	N/120/0030		T024/469	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0111	CLW/ES/3/0124/O	01	1.00	1.00	
			T024/469	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0111		01	1.00	NIL	
			B024/469	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0111		01	NIL	1.00	
(92)	N/121/0030		T024/470	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0113	CLW/ES/3/0124/O	01	1.00	1.00	
			T024/470	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0113		01	1.00	NIL	
			B024/470	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0113		01	NIL	1.00	
(93)	N/122/0030		T024/246	CONNECTOR / PLUG, 15P D-SUB, SIZE-2	HBTB316240R0015	CLW/ES/3/0124/O	01	48.00	48.00	
			T024/246	CONNECTOR / PLUG, 15P D-SUB, SIZE-2	HBTB316240R0015		01	48.00	NIL	
			B024/246	CONNECTOR / PLUG, 15P D-SUB, SIZE-2	HBTB316240R0015		01	NIL	48.00	
(94)	N/123/0030		T024/247	CONNECTOR / PLUG, 17P D-SUB, SIZE-3	HBTB316240R0017	CLW/ES/3/0124/O	01	4.00	4.00	
			T024/247	CONNECTOR / PLUG, 17P D-SUB, SIZE-3	HBTB316240R0017		01	4.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B024/247	CONNECTOR / PLUG, 17P D-SUB, SIZE-3	HBTB316240R0017		01	NIL	4.00	
(95)	N/124/0030		T024/352	CONTACT PIN GR0/ 16 MM2	HBTB416435P0001	CLW/ES/3/0124/O	01	4.00	4.00	
			T024/352	CONTACT PIN GR0/ 16 MM2	HBTB416435P0001		01	4.00	NIL	
			B024/352	CONTACT PIN GR0/ 16 MM2	HBTB416435P0001		01	NIL	4.00	
(96)	N/125/0030		T024/353	CONTACT PIN GR0/ 35 MM2	HBTB416435P0003	CLW/ES/3/0124/O	01	4.00	4.00	
			T024/353	CONTACT PIN GR0/ 35 MM2	HBTB416435P0003		01	4.00	NIL	
			B024/353	CONTACT PIN GR0/ 35 MM2	HBTB416435P0003		01	NIL	4.00	
(97)	N/126/0030		T024/159	CONTACT SOCKET 2-3 MM2	HESG455509P0021	CLW/ES/3/0124/O	01	10.00	10.00	
			T024/159	CONTACT SOCKET 2-3 MM2	HESG455509P0021		01	10.00	NIL	
			B024/159	CONTACT SOCKET 2-3 MM2	HESG455509P0021		01	NIL	10.00	
(98)	N/130/0030		T029/994	PROTECTION BOOT	HBTB416397P0012	CLW/ES/3/0124/O	01	9.00	9.00	
			T029/994	PROTECTION BOOT	HBTB416397P0012		01	9.00	NIL	
			B029/994	PROTECTION BOOT	HBTB416397P0012		01	NIL	9.00	
24c	N/0/0030f	296154950314P	T028/733	SET OF CONNECTORS FOR LOCO EXCEPT PANEL FOR WAG-9		CLW/ES/3/0124/O	03	1.00/NIL	NIL	
24d	N/0/0030g	296155010314P	T028/734	SET OF CONNECTORS FOR LOCO EXCEPT PANEL FOR WAP-5		CLW/ES/3/0124/O	03	NIL	1.00	
24e	N/0/0030h	296155130314P	T028/735	SET OF CONNECTORS FOR LOCO EXCEPT PANEL FOR WAP-7		CLW/ES/3/0124/O	03	NIL/1.00	NIL	
(1)	N/150/0030		T030/046	CONTACT SOCKET SIZE 8 / 2.5 MM2	3EHW470321P2025	CLW/ES/3/0124/O	01	30.00	30.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T030/046	CONTACT SOCKET SIZE 8 / 2.5 MM2	3EHW470321P2025		01	30.00	NIL	
			B030/046	CONTACT SOCKET SIZE 8 / 2.5 MM2	3EHW470321P2025		01	NIL	30.00	
(2)	N/151/0030		T030/047	CONTACT SOCKET SIZE 8 / 6 MM2	3EHW470321P2060	CLW/ES/3/0124/O	01	10.00	10.00	
			T030/047	CONTACT SOCKET SIZE 8 / 6 MM2	3EHW470321P2060		01	10.00	NIL	
			B030/047	CONTACT SOCKET SIZE 8 / 6 MM2	3EHW470321P2060		01	NIL	10.00	
(3)	N/152/0030		T030/048	CONTACT SOCKET SIZE 8 10 MM2	3EHW470321P2100	CLW/ES/3/0124/O	01	NIL	NIL	
(4)	N/153/0030		T030/049	SET OF COMPLETE PLUG / PLUG P7/24 SOCKET 'N' INDOOR	HBTB315110R0011	CLW/ES/3/0124/O	01	4.00	4.00	
			T030/049	SET OF COMPLETE PLUG / PLUG P7/24 SOCKET 'N' INDOOR	HBTB315110R0011		01	4.00	NIL	
			B030/049	SET OF COMPLETE PLUG / PLUG P7/24 SOCKET 'N' INDOOR	HBTB315110R0011		01	NIL	4.00	
(5)	N/154/0030		T030/050	CONTACT FEMALE GR16 / CONTACT SOCKET SIZE 16	HBTB415399P0002	CLW/ES/3/0124/O	01	34.00	34.00	
			T030/050	CONTACT FEMALE GR16 / CONTACT SOCKET SIZE 16	HBTB415399P0002		01	34.00	NIL	
			B030/050	CONTACT FEMALE GR16 / CONTACT SOCKET SIZE 16	HBTB415399P0002		01	NIL	34.00	
(6)	N/155/0030		T030/051	PLUG DO 5P/ 14	HBTB415399P0022	CLW/ES/3/0124/O	01	8.00	8.00	
			T030/051	PLUG DO5P/ 14	HBTB415399P0022		01	8.00	NIL	
			B030/051	PLUG DO5P/ 14	HBTB415399P0022		01	NIL	8.00	
(7)	N/156/0030		T030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01	CLW/ES/3/0124/O	01	18.00	18.00	
			T030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01		01	18.00	NIL	
			B030/053	CONT. PIN 0.24-0.62/24-20	*1.8076.005/01		01	NIL	18.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(8)	N/157/0030		T030/054	ADAPTOR STR. SIZE 18	HBT415278P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(9)	N/158/0030		T030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032	CLW/ES/3/0124/O	01	2.00/4.00	4.00	
			T030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032		01	2.00/4.00	NIL	
			B030/055	PROTECTIVE CAP / CABLE CLIP	HETT401293P0032		01	NIL	4.00	
(10)	N/159/0030		T030/065	CONTACT PIN, SIZE 8/2,5 SQ.MM	3EHW470321P1025	CLW/ES/3/0124/O	01	NIL	NIL	
(11)	N/160/0030		T030/066	CONTACT PIN, SIZE 8/6 SQ.MM	3EHW470321P1060	CLW/ES/3/0124/O	01	NIL	NIL	
(12)	N/161/0030		T030/067	CONTACT PIN, SIZE 8/10 SQ.MM	3EHW470321P1100	CLW/ES/3/0124/O	01	NIL	NIL	
(13)	N/162/0030		T017/424	CONTACT PIN 12/0.5	HBT415298P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(14)	N/163/0030		T033/112	CONTACT PIN 12/1.0	HBT415298P0003	CLW/ES/3/0124/O	01	10.00	10.00	
			T033/112	CONTACT PIN 12/1.0	HBT415298P0003		01	10.00	NIL	
			B033/112	CONTACT PIN 12/1.0	HBT415298P0003		01	NIL	10.00	
(15)	N/164/0030		T023/166	CONTACT PIN 12/1.5	HBT415298P0005	CLW/ES/3/0124/O	01	40.00	40.00	
			T023/166	CONTACT PIN 12/1.5	HBT415298P0005		01	40.00	NIL	
			B023/166	CONTACT PIN 12/1.5	HBT415298P0005		01	NIL	40.00	
(16)	N/165/0030		T023/167	CONTACT PIN 12/2,5	HBT415298P0007	CLW/ES/3/0124/O	01	30.00	30.00	
			T023/167	CONTACT PIN 12/2,5	HBT415298P0007		01	30.00	NIL	
			B023/167	CONTACT PIN 12/2,5	HBT415298P0007		01	NIL	30.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(17)	N/166/0030		T023/168	CONTACT PIN 12/4.0	HBT415298P0009	CLW/ES/3/0124/O	01	3.00	3.00	
			T023/168	CONTACT PIN 12/4.0	HBT415298P0009		01	3.00	NIL	
			B023/168	CONTACT PIN 12/4.0	HBT415298P0009		01	NIL	3.00	
(18)	N/167/0030		T023/169	CONTACT PIN 12/6.0	HBT415298P0011	CLW/ES/3/0124/O	01	4.00	4.00	
			T023/169	CONTACT PIN 12/6.0	HBT415298P0011		01	4.00	NIL	
			B023/169	CONTACT PIN 12/6.0	HBT415298P0011		01	NIL	4.00	
(19)	N/168/0030		T031/070	CONTACT PIN 16/1.0	HBT415299P0005	CLW/ES/3/0124/O	01	NIL	NIL	
(20)	N/169/0030		T031/069	CONTACT PIN 16/1.5	HBT415299P0007	CLW/ES/3/0124/O	01	NIL	NIL	
(21)	N/170/0030		T033/115	CONTACT PIN 16/2.0/ AWG 14	HBT415299P0009	CLW/ES/3/0124/O	01	NIL	NIL	
(22)	N/171/0030		T023/173	CONTACT PIN GRO/25 SQ.MM	HBTB416435P0002	CLW/ES/3/0124/O	01	NIL	NIL	
(23)	N/172/0030		T023/174	CONTACT PIN GRO/50 SQ.MM	HBTB416435P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(24)	N/173/0030		T031/071	CONTACT PIN SUB -D	HESG455639P1200	CLW/ES/3/0124/O	01	NIL	NIL	
(25)	N/174/0030		T017/321	CONTACT PIN MALE GR16 0,5-1,0 mm2	HBTB415399P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(26)	N/175/0030		T017/378	SUB-D PLUG SET / CONNECTOR SPEEDOMETER CONNECTOR SUB-SET	3EHP590025R0519	CLW/ES/3/0124/O	01	NIL	NIL	
(27)	N/176/0030		T031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009	CLW/ES/3/0124/O	01	45.00	45.00	
			T031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009		01	45.00	NIL	
			B031/063	ST. 9P D-SUB GR1 / CONNECTOR	HBTB316240R0009		01	NIL	45.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(28)	N/177/0030		T021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009	CLW/ES/3/0124/O	01	2.00	2.00	
			T021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009		01	2.00	NIL	
			B021/063	SOCKET 9P D-SUB SIZE 1	HBTB316241R0009		01	NIL	2.00	
(29)	N/178/0030		T031/142	PLUG, INSULATED 0.5X2.8	3EHN424077P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(30)	N/179/0030		T033/039	PLUG SIZE 32/31 POLES (With non metallic Cable Clamp)	As per Old Gimota Part No. except surface plating)	CLW/ES/3/0124/O	01	NIL	NIL	
(31)	N/180/0030		T030/237	CONTACT SOCKET	3EHP430759P0002	CLW/ES/3/0124/O	01	NIL	NIL	
(32)	N/181/0030		T033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001	CLW/ES/3/0124/O	01	2.00	2.00	
			T033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001		01	2.00	NIL	
			B033/098	PLUG, SIZE 22/19POLE	3EHP431609R0001		01	NIL	2.00	
(33)	N/182/0030		T020/036	PLUG, SIZE 28/37POLE	3EHP431609R0002	CLW/ES/3/0124/O	01	1.00	1.00	
			T020/036	PLUG, SIZE 28/37POLE	3EHP431609R0002		01	1.00	NIL	
			B020/036	PLUG, SIZE 28/37POLE	3EHP431609R0002		01	NIL	1.00	
(34)	N/183/0030		T031/612	SOCKET BODY A 1P PA	3EHW470001P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(35)	N/184/0030		T023/157	SOCKET 4P/24 PIN "N"	3EHW470072P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(36)	N/185/0030		T030/914	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N'	HBT315075R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(37)	N/186/0030		T033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031	CLW/ES/3/0124/O	01	1.00	1.00	
			T033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031		01	1.00	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B033/103	SET OF COMPLETE SOCKET / SOCKET 5P / S18 PIN 'N' STR	HBT315075R0031		01	NIL	1.00	
(38)	N/187/0030		T030/115	SET OF COMPLETE PLUG / PLUG ASSEMBLY (KIT.)	HBT315076R0011	CLW/ES/3/0124/O	01	10.00	10.00	
			T030/115	SET OF COMPLETE PLUG / PLUG ASSEMBLY (KIT.)	HBT315076R0011		01	10.00	NIL	
			B030/115	SET OF COMPLETE PLUG / PLUG ASSEMBLY (KIT.)	HBT315076R0011		01	NIL	10.00	
(39)	N/188/0030		T033/052	L-PLUG 31P/S32 BUSH"N"B	HBT315088R0031	CLW/ES/3/0124/O	01	NIL	NIL	
(40)	N/189/0030		T033/076	CONTACT SOCKET 12/1.0	HBT415298P0004	CLW/ES/3/0124/O	01	126.00	126.00	
			T033/076	CONTACT SOCKET 12/1.0	HBT415298P0004		01	126.00	NIL	
			B033/076	CONTACT SOCKET 12/1.0	HBT415298P0004		01	NIL	126.00	
(41)	N/190/0030		T030/888	CONTACT SOCKET 12/1.5	HBT415298P0006	CLW/ES/3/0124/O	01	40.00	40.00	
			T030/888	CONTACT SOCKET 12/1.5	HBT415298P0006		01	40.00	NIL	
			B030/888	CONTACT SOCKET 12/1.5	HBT415298P0006		01	NIL	40.00	
(42)	N/191/0030		T033/072	CONTACT SOCKET 12/2.5	HBT415298P0008	CLW/ES/3/0124/O	01	819.00	819.00	
			T033/072	CONTACT SOCKET 12/2.5	HBT415298P0008		01	819.00	NIL	
			B033/072	CONTACT SOCKET 12/2.5	HBT415298P0008		01	NIL	819.00	
(43)	N/192/0030		T030/674	CONTACT SOCKET 16/0.5	HBT415299P0002	CLW/ES/3/0124/O	01	90.00	90.00	
			T030/674	CONTACT SOCKET 16/0.5	HBT415299P0002		01	90.00	NIL	
			B030/674	CONTACT SOCKET 16/0.5	HBT415299P0002		01	NIL	90.00	
(44)	N/193/0030		T033/074	CONTACT SOCKET 16/1.0	HBT415299P0006	CLW/ES/3/0124/O	01	86.00	86.00	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T033/074	CONTACT SOCKET 16/1.0	HBT415299P0006		01	86.00	NIL	
			B033/074	CONTACT SOCKET 16/1.0	HBT415299P0006		01	NIL	86.00	
(45)	N/194/0030		T033/073	CONTACT SOCKET 16/1.5	HBT415299P0008	CLW/ES/3/0124/O	01	NIL	NIL	
(46)	N/195/0030		T033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011	CLW/ES/3/0124/O	01	10.00	10.00	
			T033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011		01	10.00	NIL	
			B033/097	SET OF COMPLETE PLUG / PLUG 13P/32 SKT 'N' INDOOR	HBTB315111R0011		01	NIL	10.00	
(47)	N/196/0030		T032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011	CLW/ES/3/0124/O	01	24.00	24.00	
			T032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011		01	24.00	NIL	
			B032/058	ST.35P/40 BU"N"IR KABELH./ PLUG 25P/40 SKT 'N' INDOOR	HBTB315113R0011		01	NIL	24.00	
(48)	N/197/0030		T031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011	CLW/ES/3/0124/O	01	8.00	8.00	
			T031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011		01	8.00	NIL	
			B031/061	ST.61P/40 BU"N"IR KABELH./ PLUG 61P/40 SKT 'N' INDOOR	HBTB315157R0011		01	NIL	8.00	
(49)	N/198/0030		T023/158	SOCKET 7P/24 PIN "N" (With Cable Clamp and Reduction Ring)	HBTB315158R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(50)	N/199/0030		T030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011	CLW/ES/3/0124/O	01	3.00	3.00	
			T030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011		01	3.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B030/818	SET OF COMPLETE SOCKET / SOCKET 13P/32 PIN 'N' INDOOR	HBTB315159R0011		01	NIL	3.00	
(51)	N/200/0030		T033/038	SET OF COMPLETE SOCKET / SOCKET 31P/31 PIN 'N' (With Cable Clamp)	HBTB315160R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(52)	N/201/0030		T021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011	CLW/ES/3/0124/O	01	2.00	2.00	
			T021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011		01	2.00	NIL	
			B021/064	SOCKET 35P/40 PIN 'N' IND.	HBTB315162R0011		01	NIL	2.00	
(53)	N/202/0030		T033/102	SET OF COMPLETE SOCKET / SOCKET 61P/40 PIN 'N' INDOOR	HBTB315163R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(54)	N/203/0030		T029/434	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0112	CLW/ES/3/0124/O	01	NIL	NIL	
(55)	N/204/0030		T030/755	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0113	CLW/ES/3/0124/O	01	1.00	1.00	
			T030/755	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0113		01	1.00	NIL	
			B030/755	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0113		01	NIL	1.00	
(56)	N/205/0030		T029/216	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0114	CLW/ES/3/0124/O	01	6.00	6.00	
			T029/216	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0114		01	6.00	NIL	
			B029/216	SET OF COMPLETE PLUG / PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0114		01	NIL	6.00	
(57)	N/206/0030		T030/782	SET OF COMPLETE PLUG / L-PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0211	CLW/ES/3/0124/O	01	1.00	1.00	
			T030/782	SET OF COMPLETE PLUG / L-PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0211		01	1.00	NIL	
			B030/782	SET OF COMPLETE PLUG / L-PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0211		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(58)	N/207/0030		T030/756	SET OF COMPLETE PLUG /L- PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0213	CLW/ES/3/0124/O	01	1.00	1.00	
			T030/756	SET OF COMPLETE PLUG /L- PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0213		01	1.00	NIL	
			B030/756	SET OF COMPLETE PLUG /L- PLUG 4P/40 SOCKET 'N' INDOOR	HBTB315176R0213		01	NIL	1.00	
(59)	N/208/0030		T023/156	SOCKET 4P/40 PIN "N"	HBTB315177R0001	CLW/ES/3/0124/O	01	NIL	NIL	
(60)	N/209/0030		T031/168	SET OF COMPLETE PLUG / L-PLUG 13P PIN 'N' OUTDOOR	HBTB315205R0111	CLW/ES/3/0124/O	01	NIL	NIL	
(61)	N/210/0030		T018/062	SOCKET 13P PIN "N" OUTDOOR	HBTB315305R0111	CLW/ES/3/0124/O	01	2.00	2.00	
(62)	N/211/0030		T017/377	SET OF COMPLETE SOCKET / SOCKET 13P PIN'N' OUTDOOR	HBTB315305R0311	CLW/ES/3/0124/O	01	NIL	NIL	
(63)	N/212/0030		T032/054	PLUG , 9P D-SUB , S1 . PINS	HBTB316240R0091	CLW/ES/3/0124/O	01	2.00	2.00	
			T032/054	PLUG , 9P D-SUB , S1 . PINS	HBTB316240R0091		01	2.00	NIL	
			B032/054	PLUG , 9P D-SUB , S1 . PINS	HBTB316240R0091		01	NIL	2.00	
(64)	N/213/0030		T017/420	ADAPTOR NW17/SIZE18	HBT415393P0437	CLW/ES/3/0124/O	01	2.00	2.00	
			T017/420	ADAPTOR NW17/SIZE18	HBT415393P0437		01	2.00	NIL	
			B017/420	ADAPTOR NW17/SIZE18	HBT415393P0437		01	NIL	2.00	
(65)	N/214/0030		T017/322	DUMMY CONTACT MALE GR16 BL/ DUMMY PLUG SIZE 16 BL	HBTB415399P0005	CLW/ES/3/0124/O	01	43.00	43.00	
			T017/322	DUMMY CONTACT MALE GR16 BL/ DUMMY PLUG SIZE 16 BL	HBTB415399P0005		01	43.00	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B017/322	DUMMY CONTACT MALE GR16 BL/ DUMMY PLUG SIZE 16 BL	HBTB415399P0005		01	NIL	43.00	
(66)	N/215/0030		T029/862	SOCKET / PLUG , 5 CRIMP SOCKET S16	HBTB415399P0012	CLW/ES/3/0124/O	01	3.00	3.00	
			T029/862	SOCKET / PLUG , 5 CRIMP SOCKET S16	HBTB415399P0012		01	3.00	NIL	
			B029/862	SOCKET / PLUG , 5 CRIMP SOCKET S16	HBTB415399P0012		01	NIL	3.00	
(67)	N/216/0030		T030/275	CONTACT SOCKET AWG24-20	HESG455638P0120	CLW/ES/3/0124/O	01	275.00	275.00	
			T030/275	CONTACT SOCKET AWG24-20	HESG455638P0120		01	275.00	NIL	
			B030/275	CONTACT SOCKET AWG24-20	HESG455638P0120		01	NIL	275.00	
(68)	N/217/0030		T030/428	PLUG 9 POLES	HETT401293P0001	CLW/ES/3/0124/O	01	2.00	2.00	
			T030/428	PLUG 9 POLES	HETT401293P0001		01	2.00	NIL	
			B030/428	PLUG 9 POLES	HETT401293P0001		01	NIL	2.00	
(69)	N/218/0030		T021/110	CONNECTOR SKT 0.23, 0.5	SE408197P0013	CLW/ES/3/0124/O	01	NIL	NIL	
(70)	N/219/0030		T017/763	ANDERSON CONTACTS 120A	*1319	CLW/ES/3/0124/O	01	8.00	8.00	
			T017/763	ANDERSON CONTACTS 120A	*1319		01	8.00	NIL	
			B017/763	ANDERSON CONTACTS 120A	*1319		01	NIL	8.00	
(71)	N/220/0030		T017/762	ANDERSON PLUG PP 120A	*1321BLAU	CLW/ES/3/0124/O	01	4.00	4.00	
			T017/762	ANDERSON PLUG PP 120A	*1321BLAU		01	4.00	NIL	
			B017/762	ANDERSON PLUG PP 120A	*1321BLAU		01	NIL	4.00	
(72)	N/221/0030		T018/212	ANDERSON PLUG PP 120A	*1321G3ROT	CLW/ES/3/0124/O	01	4.00	4.00	
			T018/212	ANDERSON PLUG PP 120A	*1321G3ROT		01	4.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B018/212	ANDERSON PLUG PP 120A	*1321G3ROT		01	NIL	4.00	
(73)	N/222/0030		T031/441	CABLE CONNECTION / HP-9P-SG-SG-17S-21-13.0 M	HBTB315385R0172	CLW/ES/3/0124/O	01	2.00	2.00	
			T031/441	CABLE CONNECTION / HP-9P-SG-SG-17S-21-13.0 M	HBTB315385R0172		01	2.00	NIL	
			B031/441	CABLE CONNECTION / HP-9P-SG-SG-17S-21-13.0 M	HBTB315385R0172		01	NIL	2.00	
(74)	N/223/0030		T033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010	CLW/ES/3/0124/O	01	465.00	465.00	
			T033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010		01	465.00	NIL	
			B033/075	CONTACT SOCKET 16/2/AWG14	HBT415299P0010		01	NIL	465.00	
(75)	N/224/0030		T030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011	CLW/ES/3/0124/O	01	3.00/4.00	4.00	
			T030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011		01	3.00/4.00	NIL	
			B030/588	SET OF COMPLETE PLUG / PLUG 22P / 36 SKT ' N' INDOOR	HBTB315112R0011		01	NIL	4.00	
(76)	N/225/0030		T029/263	PLUG 4 P BU "N" IR CA / CONNECTOR	3EHW470084R0001	CLW/ES/3/0124/O	01	12.00/14.00	14.00	02 nos. are to be drawn for fitting in A.C. systems in the Locos.
			T029/263	PLUG 4 P BU "N" IR CA / CONNECTOR	3EHW470084R0001		01	12.00/14.00	NIL	
			B029/263	PLUG 4 P BU "N" IR CA / CONNECTOR	3EHW470084R0001		01	NIL	14.00	
(77)	N/226/0030		T019/041	CONNECTOR / SUB D PLUG 25 P D- SUB	HBTB316240R0025	CLW/ES/3/0124/O	01	NIL	NIL	
(78)	N/227/0030		T019/042	CONNECTOR SPEEDOMETER	3EHP590025R0530	CLW/ES/3/0124/O	01	NIL	NIL	
(79)	N/228/0030		T019/043	PLUG, SIZE 22/19 POLE	3EHP431611R0001	CLW/ES/3/0124/O	01	NIL	NIL	
(80)	N/229/0030		T019/044	PLUG, SIZE 28/37 POLE	3EHP431611R0002	CLW/ES/3/0124/O	01	NIL	NIL	
(81)	N/230/0030		T019/045	SOCKET 4P/24 PIN"N"	3EHW470071P0001	CLW/ES/3/0124/O	01	NIL	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(82)	N/231/0030		T019/053	CONTACT SOCKET SUB-D	HESG455638P1200	CLW/ES/3/0124/O	01	14.00	14.00	
			T019/053	CONTACT SOCKET SUB-D	HESG455638P1200		01	14.00	NIL	
			B019/053	CONTACT SOCKET SUB-D	HESG455638P1200		01	NIL	14.00	
(83)	N/232/0030		T019/063	CONTACT SOCKET S-0/35 MM2	HBTB416434P0003	CLW/ES/3/0124/O	01	NIL	NIL	
(84)	N/233/0030		T019/064	CONTACT SOCKET S-0/30 MM2	HBTB416434P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(85)	N/234/0030		T030/946	CONTACT SOCKET 16/0.5	HBTB415298P0012	CLW/ES/3/0124/O	01	NIL	NIL	
(86)	N/235/0030		T019/235	CONTACT SOCKET 12/6.0	HBT415298P0012	CLW/ES/3/0124/O	01	14.00	14.00	
			T019/235	CONTACT SOCKET 12/6.0	HBT415298P0012		01	14.00	NIL	
			B019/235	CONTACT SOCKET 12/6.0	HBT415298P0012		01	NIL	14.00	
(87)	N/236/0030		T024/151	CONTACT SOCKET 1.5 MM2 * 2 RILLEN	HBT415176P0003	CLW/ES/3/0124/O	01	NIL	NIL	
(88)	N/237/0030		T024/150	CONTACT SOCKET 0.5 MM2 * 3 RILLEN	HBT415176P0004	CLW/ES/3/0124/O	01	NIL	NIL	
(89)	N/238/0030		T024/146	CONTACT PIN GR 16* 0.5 MM2 FOR SB - 1/2	HBT415299P0001	CLW/ES/3/0124/O	01	NIL	NIL	
(90)	N/239/0030		T024/253	SOCKET 22P / 36 PIN 'N'	HBTB315161R0011	CLW/ES/3/0124/O	01	NIL	NIL	
(91)	N/240/0030		T024/469	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0111	CLW/ES/3/0124/O	01	NIL	NIL	
(92)	N/241/0030		T024/470	SOCKET 4P / 40 PIN 'N' IND	HBTB315177R0113	CLW/ES/3/0124/O	01	NIL	NIL	
(93)	N/242/0030		T024/246	CONNECTOR / PLUG, 15P D-SUB, SIZE-2	HBTB316240R0015	CLW/ES/3/0124/O	01	NIL	NIL	
(94)	N/243/0030		T024/247	CONNECTOR / PLUG, 17P D-SUB, SIZE-3	HBTB316240R0017	CLW/ES/3/0124/O	01	NIL	NIL	
(95)	N/244/0030		T024/352	CONTACT PIN GR0/ 16 MM2	HBTB416435P0001	CLW/ES/3/0124/O	01	NIL	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(96)	N/245/0030		T024/353	CONTACT PIN GR0/ 35 MM2	HBTB416435P0003	CLW/ES/3/0124/O	01	NIL	NIL	
(97)	N/246/0030		T024/159	CONTACT SOCKET 2-3 MM2	HESG455509P0021	CLW/ES/3/0124/O	01	NIL	NIL	
(98)	N/247/0030		T029/994	PROTECTION BOOT	HBTB416397P0012	CLW/ES/3/0124/O	01	NIL	NIL	
25	N/0/0031	296000420314H	T029/002	SET OF FIBRE OPTICS CABLE CONSISTING OF	3EHP431518R0800	CLW/ES/3/0141	03	1.00	1.00	
				i) FO - ST2PD - ST - GN - KP. L=7M	HESN454392R0154	CLW/ES/3/0141	01	1.00	1.00	
			T030/804	FO - ST2PD - ST - GN - KP. L=7M	HESN454392R0154		01	1.00	NIL	
			B030/804	FO - ST2PD - ST - GN - KP. L=7M	HESN454392R0154		01	NIL	1.00	
				ii) FO - ST2PD - ST - GN - KP. L=8M	HESN454392R0156	CLW/ES/3/0141	01	1.00	1.00	
			T030/810	FO - ST2PD - ST - GN - KP. L=8M	HESN454392R0156		01	1.00	NIL	
			B030/810	FO - ST2PD - ST - GN - KP. L= 8M	HESN454392R0156		01	NIL	1.00	
				iii) FO - ST2PD - ST - GN - KP. L=11M	HESN454392R0170	CLW/ES/3/0141	01	2.00	2.00	
			T030/805	FO - ST2PD - ST - GN - KP. L=11M	HESN454392R0170		01	1.00	NIL	
			T030/809	FO - ST2PD - ST - GN - KP. L=11M	HESN454392R0170		01	1.00	NIL	
			B030/805	FO - ST2PD - ST - GN - KP. L=11M	HESN454392R0170		01	NIL	1.00	
			B030/809	FO - ST2PD - ST - GN - KP. L=11M	HESN454392R0170		01	NIL	1.00	
				iv) FO - ST2PD - ST - GN - KP. L=22M	HESN454392R0181	CLW/ES/3/0141	01	1.00	1.00	
			T030/808	FO - ST2PD - ST - GN - KP. L=22M	HESN454392R0181		01	1.00	NIL	
			B030/808	FO - ST2PD - ST - GN - KP. L=22M	HESN454392R0181		01	NIL	1.00	
				v) FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185	CLW/ES/3/0141	01	3.00	3.00	
			T030/806	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	1.00	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T030/807	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	1.00	NIL	
			T030/811	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	1.00	NIL	
			B030/806	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	NIL	1.00	
			B030/807	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	NIL	1.00	
			B030/811	FO - ST2PD - ST - GN - KP. L=26M	HESN454392R0185		01	NIL	1.00	
26	N/0/0032			SET OF MULTIPLE CORE CABLES						
(1)	N/1/0032	296002852214H	T031/065	CAB 2 x 0.5 SCR	3EHP470000P0502	CLW/ES/3/0459/A	22	157.00	187.80	
			T031/065	CAB 2 x 0.5 SCR	3EHP470000P0502		22	157.00	NIL	
			B031/065	CAB 2 x 0.5 SCR	3EHP470000P0502		22	NIL	187.80	
(2)	N/2/0032	296002972214H	T029/867	CAB 3 x 0.5 SCR	3EHP470000P0503	CLW/ES/3/0459/A	22	20.00	20.00	
			T029/867	CAB 3 x 0.5 SCR	3EHP470000P0503		22	20.00	NIL	
			B029/867	CAB 3 x 0.5 SCR	3EHP470000P0503		22	NIL	20.00	
(3)	N/3/0032	296003032214H	T030/404	CAB 2 x 2 x 0.5 SCR	3EHP470000P0504	CLW/ES/3/0459/A	22	166.00	135.20	
			T030/404	CAB 2 x 2 x 0.5 SCR	3EHP470000P0504		22	166.00	NIL	
			B030/404	CAB 2 x 2 x 0.5 SCR	3EHP470000P0504		22	NIL	135.20	
(4)	N/4/0032	296003152214H	T021/086	CAB 5 x 0.5 SCR	3EHP470000P0505	CLW/ES/3/0459/A	22	44.00/66.00	50.00	
			T021/086	CAB 5 x 0.5 SCR	3EHP470000P0505		22	44.00/66.00	NIL	
			B021/086	CAB 5 x 0.5 SCR	3EHP470000P0505		22	NIL	50.00	
(5)	N/5/0032	296003272214H	T030/277	CAB 9 x 0.5 SCR	3EHP470000P0509	CLW/ES/3/0459/A	22	177.00	177.00	
			T030/277	CAB 9 x 0.5 SCR	3EHP470000P0509		22	177.00	NIL	
			B030/277	CAB 9 x 0.5 SCR	3EHP470000P0509		22	NIL	177.00	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(6)	N/6/0032	296003392214H	T031/066	CAB 2 x 1.0 SCR	3EHP470001P1002	CLW/ES/3/0459/A	22	165.50	165.50	
			T031/066	CAB 2 x 1.0 SCR	3EHP470001P1002		22	165.50	NIL	
			B031/066	CAB 2 x 1.0 SCR	3EHP470001P1002		22	NIL	165.50	
(7)	N/7/0032	296003402214H	T030/519	CAB 2 x 2 x 1.0 SCR	3EHP470001P1004	CLW/ES/3/0459/A	22	78.00	78.00	
			T030/519	CAB 2 x 2 x 1.0 SCR	3EHP470001P1004		22	78.00	NIL	
			B030/519	CAB 2 x 2 x 1.0 SCR	3EHP470001P1004		22	NIL	78.00	
(8)	N/8/0032	296003522214H	T031/360	CAB 3 x 4 x 1.0 SCR	3EHP470001P1012	CLW/ES/3/0459/A	22	55.00/76.00	55.00	
			T031/360	CAB 3 x 4 x 1.0 SCR	3EHP470001P1012		22	55.00/76.00	NIL	
			B031/360	CAB 3 x 4 x 1.0 SCR	3EHP470001P1012		22	NIL	55.00	
(9)	N/9/0032	296003642214H	T033/104	CAB 9 x 0.5 TWIST	3EHP470002P0509	CLW/ES/3/0459/A	22	20.60	20.60	
			T033/104	CAB 9 x 0.5 TWIST	3EHP470002P0509		22	20.60	NIL	
			B033/104	CAB 9 x 0.5 TWIST	3EHP470002P0509		22	NIL	20.60	
(10)	N/10/0032	296003762214H	T030/678	CAB 25 x 0.5 TWIST	3EHP470002P0525	CLW/ES/3/0459/A	22	10.90	10.90	
			T030/678	CAB 25 x 0.5 TWIST	3EHP470002P0525		22	10.90	NIL	
			B030/678	CAB 25 x 0.5 TWIST	3EHP470002P0525		22	NIL	10.90	
(11)	N/11/0032	296003882214H	T030/989	CAB 2 x 1.0 TWIST	3EHP470003P1002	CLW/ES/3/0459/A	22	NIL	NIL	
			T030/989	CAB 2 x 1.0 TWIST	3EHP470003P1002		22	NIL	NIL	
			B030/989	CAB 2 x 1.0 TWIST	3EHP470003P1002		22	NIL	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
27	N/0/0034	297900130114Y	T024/362	BLOCKING DIODES IN SB1/2 (DIBLO - 5)	HBTB585480R0001	CLW/ES/3/0055/D	03	10.00	10.00	
			T024/436	BLOCKING DIODES	HBTB585480R0001		03	5.00	NIL	
			T024/212	BLOCKING DIODES	HBTB585480R0001		03	5.00	NIL	
			B024/436	BLOCKING DIODES	HBTB585480R0001		03	NIL	5.00	
			B024/212	BLOCKING DIODES	HBTB585480R0001		03	NIL	5.00	
28	N/0/0035	297900250114Y	T024/363	BLOCKING DIODES FOR ILLUMINATION TEST IN SB1/2 (DIBLO- 8)	HBTB585480R0003	CLW/ES/3/0055/D	03	2.00	2.00	
			T024/437	BLOCKING DIODES ILLUMINATION TEST	HBTB585480R0003		03	1.00	NIL	
			T024/213	BLOCKING DIODES ILLUMINATION TEST	HBTB585480R0003		03	1.00	NIL	
			B024/437	BLOCKING DIODES ILLUMINATION TEST	HBTB585480R0003		03	NIL	1.00	
			B024/213	BLOCKING DIODES ILLUMINATION TEST	HBTB585480R0003		03	NIL	1.00	
29	N/0/0036	297801000314Y	T023/001	FUSE AUXILIARY 415V/110V ALONG WITH BASE WITH MICRO SWITCH.	HBTB585605R1009	CLW/ES/3/0092/C	03	1.00	1.00	
			T023/001	FUSE AUXILIARY 415V/110V	HBTB585605R1009		03	1.00	NIL	
			B023/001	FUSE AUXILIARY 415V/110V	HBTB585605R1009		03	NIL	1.00	
30	N/0/0037	296100470114H	T024/361	FIRE DETECTION EQUIPMENTS ALONG WITH CONNECTOR IN SB2	3EHP590451R0002	CLW/ES/3/0057	01	1.00	1.00	
			T024/457	FIRE DETECTION EQUIPMENT (SMOKE DETECTORS)	3EHP590451R0002		01	1.00	NIL	
			B024/457	FIRE DETECTION EQUIPMENT (SMOKE DETECTORS)	3EHP590451R0002		01	NIL	1.00	
31	N/0/0042	297002790114P	T024/023	ILLUMINATED PUSH BUTTON CONFIGURATION IN SB1	3EHP585726P0024	CLW/ES/3/0072/D	01	1.00	1.00	
			T024/234	ILLUMINATED PUSH BUTTON CONFIGURATION	3EHP585726P0024		01	1.00	NIL	
			B024/234	ILLUMINATED PUSH BUTTON CONFIGURATION	3EHP585726P0024		01	NIL	1.00	
32	N/1/0045	296100230114Y	T025/006	HEAD LIGHT LAMP	15601709	CLW/ES/3/0655	01	4.00	4.00	
			T025/006	HEAD LIGHT LAMP	15601709		01	4.00	NIL	

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			B025/006	HEAD LIGHT LAMP	15601709		01	NIL	4.00	
33	N/2/0045	296109650114H	T025/007	HEAD LIGHT DUAL HOUSING WITHOUT LAMP	156017010	CLW/ES/3/SK-1/0114/A	01	2.00	2.00	
			T025/007	HEAD LIGHT DUAL HOUSING	156017010		01	2.00	NIL	
			B025/007	HEAD LIGHT DUAL HOUSING	156017010		01	NIL	2.00	
34	N/0/0049	296129010114P	T019/007	ILLUMINATED PUSH BUTTON - 1	3EHP585818P1014	CLW/ES/3/0072/D	01	6.00	6.00	
			T032/042	FAULT STATUS LAMP	3EHP585818P1014		01	2.00	NIL	
			T031/008	INDICATION LAMP FOR VCB	3EHP585818P1014		01	2.00	NIL	
			T031/003	INDICATION LAMP TRAIN PARTING.	3EHP585818P1014		01	2.00	NIL	
			B032/042	FAULT STATUS LAMP	3EHP585818P1014		01	NIL	2.00	
			B031/008	INDICATION LAMP FOR VCB	3EHP585818P1014		01	NIL	2.00	
			B031/003	INDICATION LAMP TRAIN PARTING.	3EHP585818P1014		01	NIL	2.00	
35	N/0/0050	296102300114P	T019/008	ILLUMINATED PUSH BUTTON - 2	3EHP585818P1015	CLW/ES/3/0072/D	01	8.00	8.00	
			T031/017	INDICATION LAMP VIGILANCE WARNING	3EHP585818P1015		01	2.00	NIL	
			T031/014	INDICATION LAMP HOTEL LOAD SUPPLY	3EHP585818P1015		01	2.00	NIL	
			T031/012	INDICATION LAMP TEMP. OF CONTROL ELECTRONICS.	3EHP585818P1015		01	2.00	NIL	
			T031/004	INDICATION LAMP WHEEL SLIPPING.	3EHP585818P1015		01	2.00	NIL	
			B031/017	INDICATION LAMP VIGILANCE WARNING	3EHP585818P1015		01	NIL	2.00	
			B031/014	INDICATION LAMP HOTEL LOAD SUPPLY	3EHP585818P1015		01	NIL	2.00	
			B031/012	INDICATION LAMP TEMP. OF CONTROL ELECTRONICS.	3EHP585818P1015		01	NIL	2.00	
			B031/004	INDICATION LAMP WHEEL SLIPPING.	3EHP585818P1015		01	NIL	2.00	
36	N/0/0051	297010040114P	T031/010	ILLUMINATED PUSH BUTTON CONSTANT SPEED CONTROL	3EHP585818P2131	CLW/ES/3/0072/D	01	2.00	2.00	
			T031/010	ILLUMINATED PUSH BUTTON CONSTANT SPEED CONTROL.	3EHP585818P2131		01	2.00	NIL	
			B031/010	ILLUMINATED PUSH BUTTON CONSTANT SPEED CONTROL.	3EHP585818P2131		01	NIL	2.00	
37	N/0/0052	297010160114P	T031/019	ILLUMINATED PUSH BUTTON PARKING BRAKE	3EHP585818P2141	CLW/ES/3/0072/D	01	2.00	2.00	
			T031/019	ILLUMINATED PUSH BUTTON PARKING BRAKE.	3EHP585818P2141		01	2.00	NIL	

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			B031/019	ILLUMINATED PUSH BUTTON PARKING BRAKE.	3EHP585818P2141		01	NIL	2.00	
38	N/0/0053	297010280114P	T032/002	ILLUMINATED PUSH BUTTON FOR FAILURE ACKNOWLEDGE	3EHP585818P2151	CLW/ES/3/0072/D	01	2.00	2.00	
			T032/043	ILLUMINATED PUSH BUTTON FAULT INDIC /ACKNOWLEDGE	3EHP585818P2151		01	2.00	NIL	
			B032/043	ILLUMINATED PUSH BUTTON FAULT INDIC /ACKNOWLEDGE	3EHP585818P2151		01	NIL	2.00	
39	N/0/0054	297002310114P	T032/006	ILLUMINATED PUSH BUTTON EMERGENCY FLASHER LIGHT	3EHP585848P0251	CLW/ES/3/0072/D	01	2.00	2.00	
			T032/048	ILLUMINATED SWITCH EMERGENCY FLASHER LIGHT	3EHP585848P0251		01	2.00	NIL	
			B032/048	ILLUMINATED SWITCH EMERGENCY FLASHER LIGHT	3EHP585848P0251		01	NIL	2.00	
40	N/0/0055	297002430114P	T033/001	ILLUMINATED PUSH BUTTON FOR VIGILANCE CONTROL	3EHP585818P0291	CLW/ES/3/0072/D	01	2.00	2.00	
			T033/033	PUSH BUTTON VIGILANCE CONTROL	3EHP585818P0291		01	2.00	NIL	
			B033/033	PUSH BUTTON VIGILANCE CONTROL	3EHP585818P0291		01	NIL	2.00	
41	N/1/0055	297002550114P	T031/016	PUSH BUTTON RESET VIGILANCE CONTROL.	3EHP585818P0311	CLW/ES/3/0072/D	01	2.00	2.00	
			T031/016	PUSH BUTTON RESET VIGILANCE CONTROL.	3EHP585818P0311		01	2.00	NIL	
			B031/016	PUSH BUTTON RESET VIGILANCE CONTROL.	3EHP585818P0311		01	NIL	2.00	
42	N/0/0056	298600150114P	T022/005	MASTER CONTROLLER	3EHP510214R0001	CLW/ES/3/0031/I	01	2.00	2.00	
			T031/259	MASTER CONTROLLER	3EHP510214R0001		01	1.00	NIL	
			T031/167	MASTER CONTROLLER	3EHP510214R0001		01	1.00	NIL	
			B031/259	MASTER CONTROLLER	3EHP510214R0001		01	NIL	1.00	
			B031/167	MASTER CONTROLLER	3EHP510214R0001		01	NIL	1.00	
43	N/0/0057	295001140114P	T031/002	TRACT/BRAKE EFFORT METER BOGIE	3EHP590546R0002	CLW/ES/3/0071	01	4.00	4.00	
			T031/076	TRACT.BREAK. EFFORT METER BOGIE2	3EHP590546R0002		01	2.00	NIL	

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			T031/075	TRACT.BREAK. EFFORT METER BOGIE1	3EHP590546R0002		01	2.00	NIL	
			B031/076	TRACT.BREAK. EFFORT METER BOGIE2	3EHP590546R0002		01	NIL	2.00	
			B031/075	TRACT.BREAK. EFFORT METER BOGIE1	3EHP590546R0002		01	NIL	2.00	
44	N/0/0065	294700310114C	T020/010	OIL COOLER RADIATOR FOR CONVERTER / TRANSFORMER COOLING	3EHP590472R0001	CLW/ES/3/0102/E	01	2.00	2.00	
			T020/010	OIL COOLER RADIATOR FOR CONVERTER / TRANSFORMER COOLING	3EHP590472R0001		01	2.00	NIL	
			B020/010	OIL COOLER RADIATOR FOR CONVERTER / TRANSFORMER COOLING	3EHP590472R0001		01	NIL	2.00	
45	N/0/0066	296500570114P	T021/007	DISCHARGING RESISTOR FOR CAPACITOR BANK	3EHP590470R0004	CLW/ES/3/0089	01	1.00	1.00	
			T021/007	DISCHARGING RESISTOR FOR CAPACITOR	3EHP590470R0004		01	1.00	NIL	
			B021/007	DISCHARGING RESISTOR FOR CAPACITOR	3EHP590470R0004		01	NIL	1.00	
46	N/0/0067	296600140314P	T019/010	EARTH FAULT RELAYS	HBVW400011R0001	CLW/ES/3/0090/C	01	4.00/6.00	4.00	
			T024/208	EARTH FAULT RELAY AUXILIARY CONTROL CIRCUIT	HBVW400011R0001		01	1.00	NIL	
			T023/021	EARTH FAULT RELAY AUX. CONVERTER	HBVW400011R0001		01	1.00	NIL	
			T023/006	EARTH FAULT RELAY AUX.CONV.	HBVW400011R0001		01	1.00	NIL	
			T021/011	EARTH FAULT RELAY HARMONIC FILTER	HBVW400011R0001		01	1.00	NIL	
			T021/243	EARTH FAULT RELAY FOR HOTEL LOAD	HBVW400011R0001		01	NIL/2.00	NIL	
			B024/208	EARTH FAULT RELAY CONTROL CIRCUIT	HBVW400011R0001		01	NIL	1.00	
			B023/021	EARTH FAULT RELAY AUX. CONVERTER	HBVW400011R0001		01	NIL	1.00	
			B023/006	EARTH FAULT RELAY AUX.CONV.	HBVW400011R0001		01	NIL	1.00	
			B021/243	EARTH FAULT RELAY FOR HOTEL LOAD	HBVW400011R0001		01	NIL	NIL	
			B021/011	EARTH FAULT RELAY HARMONIC FILTER	HBVW400011R0001		01	NIL	1.00	
47	N/0/0068	298900440314P	T013/003	CONTACTOR AUXILIARIES IN HB -1 & HB-2	3EHE428074R0001	CLW/ES/3/0201/B	03	4.00	4.00	
				CONTACTOR AUXILIARIES IN HB-2 CONSISTING OF			03	2.00	2.00	
			T023/520	CONTACTOR 3 PHASES (ONE NO. FOR EACH SET)	3EHE428074P0100					

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			T023/521	AUXILIARY CONTACT (ONE NO. FOR EACH SET)	3EHE428074P0101					
			T023/522	DC CHOKE 77 - 137 V (ONE NO. FOR EACH SET)	3EHE428074P0102					
			B023/520	CONTACTOR 3 PHASES (ONE NO. FOR EACH SET)	3EHE428074P0100					
			B023/521	AUXILIARY CONTACT (ONE NO. FOR EACH SET)	3EHE428074P0101					
			B023/522	DC CHOKE 77 - 137 V (ONE NO. FOR EACH SET)	3EHE428074P0102					
				CONTACTOR AUXILIARIES IN HB-1 CONSISTING OF			03	2.00	2.00	
			T023/569	CONTACTOR 3 PHASES (ONE NO. FOR EACH SET)	3EHE428074P0100					
			T023/570	AUXILIARY CONTACT (ONE NO. FOR EACH SET)	3EHE428074P0101					
			T023/571	DC CHOKE 77 - 137 V (ONE NO. FOR EACH SET)	3EHE428074P0102					
			B023/569	CONTACTOR 3 PHASES (ONE NO. FOR EACH SET)	3EHE428074P0100					
			B023/570	AUXILIARY CONTACT (ONE NO. FOR EACH SET)	3EHE428074P0101					
			B023/571	DC CHOKE 77 - 137 V (ONE NO. FOR EACH SET)	3EHE428074P0102					
48	N/0/0069	297500640114P	T013/004	SNUBBER CIRCUIT TO CONTACTOR AUXILIARIES	3EHE428099P0001	CLW/ES/3/0202	01	4.00	4.00	
			T023/028	SNUBBER CIRCUIT FOR AUXILIARY CONTACTOR	3EHE428099P0001		01	2.00	NIL	
			T023/523	SNUBBER CIRCUIT FOR AUXILIARY CONTACTOR	3EHE428099P0001		01	2.00	NIL	
			B023/028	SNUBBER CIRCUIT FOR AUXILIARY CONTACTOR	3EHE428099P0001		01	NIL	2.00	
			B023/523	SNUBBER CIRCUIT FOR AUXILIARY CONTACTOR	3EHE428099P0001		01	NIL	2.00	
49	N/1/0070	297002800115R	T023/490	AUXILIARY SWITCH FOR HB - 1	3EHP585771R0006	CLW/ES/3/0203/B	01	2.00	2.00	
			T023/490	AUXILIARY SWITCH FOR HB - 1	3EHP585771R0006		01	2.00	NIL	
			B023/490	AUXILIARY SWITCH FOR HB - 1	3EHP585771R0006		01	NIL	2.00	

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50	N/0/0071	295110080314C	T017/003	MAIN COMPRESSOR WITH MOUNTING ACCESSORIES ALONG WITH MOTOR (WOUND WITH CORONA RESISTANCE WIRE)		1.CLW/ES/3/0100/E 2.SPEC/E-10/3/09 (MOTOR) WITH AMENDMENT NOS. 01,02 , 03 , 04 & 05	03	2.00	2.00	MOTOR WOUND WITH CORONA RESISTANCE WIRE IS FOR INDIGENOUS SOURCES ONLY
			T017/003	MAIN COMPRESSOR WITH MOUNTING ACCESSORIES ALONG WITH MOTOR (WOUND WITH CORONA RESISTANCE WIRE)			03	2.00	NIL	
			B017/003	MAIN COMPRESSOR WITH MOUNTING ACCESSORIES ALONG WITH MOTOR (WOUND WITH CORONA RESISTANCE WIRE)			03	NIL	2.00	
51	N/0/0072	295110100314Z	T020/015	AUXILIARY COMPRESSOR (MCPA)		CLW/ES/C-4/F	03	1.00	1.00	
			T020/015	AUXILIARY COMPRESSOR			03	1.00	NIL	
			B020/015	AUXILIARY COMPRESSOR			03	NIL	1.00	
52	N/0/0073	296400390114P	T024/025	MAXIMUM CURRENT RELAY IN SB1	DKA210013R0037	CLW/ES/3/0059/D	01	1.00	1.00	
			T024/205	MAXIMUM CURRENT RELAY	DKA210013R0037		01	1.00	NIL	
			B024/205	MAXIMUM CURRENT RELAY	DKA210013R0037		01	NIL	1.00	
53	N/0/0074	296600260114P	T024/452	MINIMUM VOLTAGE RELAY IN SB1	3EHP585821R0202	CLW/ES/3/0060/B	01	1.00	1.00	
			T024/207	MINIMUM VOLTAGE RELAY	3EHP585821R0202		01	1.00	NIL	
			B024/207	MINIMUM VOLTAGE RELAY	3EHP585821R0202		01	NIL	1.00	
54	N/0/0076	296400270114P	T024/012	RELAY FOR CONTROL ELECTRONICS OFF / TEMPERATURE	3EHP585807P1207	CLW/ES/3/0066/A	01	2.00/3.00	2.00	
			T024/455	RELAY TEMPERATURE CONTROL ELECTRONICS	3EHP585807P1207		01	1.00	NIL	
			T024/215	RELAY CONTROL ELECTRONICS OFF	3EHP585807P1207		01	1.00/2.00	NIL	
			B024/455	RELAY TEMPERATURE CONTROL ELECTRONICS	3EHP585807P1207		01	NIL	1.00	

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			B024/215	RELAY CONTROL ELECTRONICS OFF	3EHP585807P1207		01	NIL	1.00	
55	N/1/0076	296400880314P	T024/438	RELAY FOR CONTROL ELECTRONICS ON along with accessories.	I) 3EHP585807P1207 II) 3EHP585771R0006	CLW/ES/3/0066/A	03	1.00	1.00	
			T024/438	RELAY FOR CONTROL ELECTRONICS ON along with accessories.	I) 3EHP585807P1207 II) 3EHP585771R0006		03	1.00	NIL	
			B024/438	RELAY FOR CONTROL ELECTRONICS ON along with accessories.	I) 3EHP585807P1207 II) 3EHP585771R0006		03	NIL	1.00	
56	N/0/0077	296400150314P	T024/018	TIME RELAY FOR VCB WITH AUX. CONTACTS CONSISTING OF (i) CONTACTOR / RELAY (1 NO.) (ii) TIME DELAY MODULE (1 NO.)	(i)HBTB585683R4227 (ii)3EHP590028R0001	CLW/ES/3/0064/A	03	1.00	1.00	
			T024/227	TIME RELAY VCB	(i)HBTB585683R4227 (ii)3EHP590028R0001		03	1.00	NIL	
			B024/227	TIME RELAY VCB	(i)HBTB585683R4227 (ii)3EHP590028R0001		03	NIL	1.00	
57	N/0/0080	297000850114P	T019/002	SPRING LOADED SWITCH - 1	3EHP585810R0001	CLW/ES/3/0032/G	01	6.00	6.00	
			T031/264	FOOT SWITCH FOR RELEASE OF LOCO BRAKE	3EHP585810R0001		01	1.00	NIL	
			T031/263	FOOT SWITCH FOR VIGILANCE	3EHP585810R0001		01	1.00	NIL	
			T031/262	FOOT SWITCH FOR SANDING	3EHP585810R0001		01	1.00	NIL	
			T031/172	FOOT SWITCH FOR RELEASE OF LOCO BRAKE	3EHP585810R0001		01	1.00	NIL	
			T031/171	FOOT SWITCH FOR VIGILANCE	3EHP585810R0001		01	1.00	NIL	
			T031/170	FOOT SWITCH FOR SANDING	3EHP585810R0001		01	1.00	NIL	
			B031/264	FOOT SWITCH FOR RELEASE OF LOCO BRAKE	3EHP585810R0001		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B031/263	FOOT SWITCH FOR VIGILANCE	3EHP585810R0001		01	NIL	1.00	
			B031/262	FOOT SWITCH FOR SANDING	3EHP585810R0001		01	NIL	1.00	
			B031/172	FOOT SWITCH FOR RELEASE OF LOCO BRAKE	3EHP585810R0001		01	NIL	1.00	
			B031/171	FOOT SWITCH FOR VIGILANCE / KEY SWITCH SIMULATION	3EHP585810R0001		01	NIL	1.00	
			B031/170	FOOT SWITCH FOR VIGILANCE / KEY SWITCH SIMULATION	3EHP585810R0001		01	NIL	1.00	
58	N/0/0081	297000240114P	T019/003	SPRING LOADED SWITCH - 2	HBTB585604R1201	CLW/ES/3/0075/A	01	18.00	18.00	
			T033/036	SWITCH HAND LAMP.	HBTB585604R1201		01	2.00	NIL	
			T033/034	SWITCH ASST. DESK ILLUMINATION	HBTB585604R1201		01	2.00	NIL	
			T032/052	SWITCH DRIVER'S DESK ILLUMINATION	HBTB585604R1201		01	4.00	NIL	
			T032/050	SWITCH DRIVER'S CAB LIGHTING	HBTB585604R1201		01	2.00	NIL	
			T032/047	SWITCH MARKER LIGHTS RED	HBTB585604R1201		01	2.00	NIL	
			T032/046	SWITCH MARKER LIGHTS WHITE	HBTB585604R1201		01	2.00	NIL	
			T031/011	SWITCH FOR BANKING OPERATION	HBTB585604R1201		01	2.00	NIL	
			T031/009	SWITCH MAXIMUM TRACTIVE EFFORT LIMITATION.	HBTB585604R1201		01	2.00	NIL	
			B033/036	SWITCH HAND LAMP.	HBTB585604R1201		01	NIL	2.00	
			B033/034	SWITCH ASST. DESK ILLUMINATION	HBTB585604R1201		01	NIL	2.00	
			B032/052	SWITCH DRIVER'S DESK ILLUMINATION	HBTB585604R1201		01	NIL	4.00	
			B032/050	SWITCH DRIVER'S CAB LIGHTING	HBTB585604R1201		01	NIL	2.00	
			B032/047	SWITCH MARKER LIGHTS RED	HBTB585604R1201		01	NIL	2.00	
			B032/046	SWITCH MARKER LIGHTS WHITE	HBTB585604R1201		01	NIL	2.00	
			B031/011	SWITCH FOR BANKING OPERATION	HBTB585604R1201		01	NIL	2.00	
			B031/009	SWITCH MAXIMUM TRACTIVE EFFORT LIMITATION.	HBTB585604R1201		01	NIL	2.00	
59	N/0/0082	297000730114P	T016/005	EARTHING SWITCH FOR VCB - with locking arrangement.	HSBA031197R0001	CLW/ES/3/0010/D	01	1.00	1.00	
			T016/005	EARTHING SWITCH	HSBA031197R0001		01	1.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B016/005	EARTHING SWITCH	HSBA031197R0001		01	NIL	1.00	
60	N/0/0083	297110460314Z	T016/006	MAIN CIRCUIT BREAKER (VCB) WITH ITS CONNECTOR and 05% extra Flexible reinforced Rubber 27" long Air Hose Pipe I/D 5/16" with 3/8" BSP Female coupling fitting at both end as manufacturing spares.		CLW/ES/C-47/H	03	1.00	1.00	
			T016/006	VACCUM MAIN CKT. BREAKER			03	1.00	NIL	
			B016/006	VACCUM MAIN CKT. BREAKER			03	NIL	1.00	
61	N/0/0084	297500520114H	T016/009	SURGE ARRESTOR	HATW205558R0033	CLW/ES/3/0016	01	2.00	2.00	
			T016/135	SURGE ARRESTOR	HATW205558R0033		01	2.00	NIL	
			B016/135	SURGE ARRESTOR	HATW205558R0033		01	NIL	2.00	
62	N/2/0084	297350020114P	T021/244	SURGE ARRESTOR FOR HOTEL LOAD	HAWA100061R0003	CLW/ES/3/0313/A	01	NIL/2.00	NIL	
			T021/244	SURGE ARRESTOR FOR HOTEL LOAD	HAWA100061R0003		01	NIL/2.00	NIL	
			B021/244	SURGE ARRESTOR FOR HOTEL LOAD	HAWA100061R0003		01	NIL	NIL	
63	N/0/0085	297000970114P	T016/012	LATCHING PUSH BUTTON CORRIDOR LIGHTING	HBTB585456R0102	CLW/ES/3/0044	01	2.00	2.00	
			T016/325	LATCHING PUSH-BUTTON CORRIDOR LIGHTING	HBTB585456R0102		01	1.00	NIL	
			T016/089	LATCHING PUSH-BUTTON CORRIDOR LIGHTING	HBTB585456R0102		01	1.00	NIL	
			B016/325	LATCHING PUSH-BUTTON CORRIDOR LIGHTING	HBTB585456R0102		01	NIL	1.00	
			B016/089	LATCHING PUSH-BUTTON CORRIDOR LIGHTING	HBTB585456R0102		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
64	N/4/0087	292000400314P	T022/195	MICROPROCESSOR BASED ELECTRONIC SPEED INDICATING , RECORDING SYSTEM and 01(ONE) EVALUATION SOFTWARE FOR EVERY 10(TEN) SETS OF SPM (WITHOUT MEMORY CARD READER UNIT & COMMUNICATION CABLE FOR MASTER TO SLAVE) FOR WAG-9 / WAP-7 & WAP-5 TYPE 3-PHASE LOCOMOTIVES.		ELRS/SPEC/ SPM/0002 (Rev.2) , June 2004 with Amendment No. 01 to 06	03	1.00	1.00	
			T022/195	MICROPROCESSOR BASED ELECTRONIC SPEED INDICATING , RECORDING SYSTEM and 01(one) evaluation software for every 10(Ten) sets of SPM (WITHOUT MEMORY CARD READER UNIT & COMMUNICATION CABLE FOR MASTER TO SLAVE) FOR WAG-9 / WAP-7 & WAP-5 TYPE 3-PHASE LOCOMOTIVES.			03	1.00	NIL	
			B022/195	MICROPROCESSOR BASED ELECTRONIC SPEED INDICATING , RECORDING SYSTEM and 01(one) evaluation software for every 10(Ten) sets of SPM (WITHOUT MEMORY CARD READER UNIT & COMMUNICATION CABLE FOR MASTER TO SLAVE) FOR WAG-9 / WAP-7 & WAP-5 TYPE 3-PHASE LOCOMOTIVES.			03	NIL	1.00	
65	N/2/0088	297101450114P	T023/624	AC Circuit Breaker 63 A, 3pole (Type 17) with Aux. Contact 2 NO	(i)HBTB585554R3083 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 04 nos. of AC circuit Breakers along with 04 nos. of Aux. Contact 2NO.
			T023/624	AC Ckt. Breaker 63 A, 3 Pole (Type –17)	HBTB585554R3083		01	4.00	NIL	
			B023/624	AC Ckt. Breaker 63 A, 3 Pole (Type –17)	HBTB585554R3083		01	NIL	4.00	
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	4.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	4.00	
66	N/3/0088	297100170114P	T023/625	AC Circuit Breaker 41 A, 3pole (Type 16) with Aux. Contact 2 NO	(i)3EH_113456R0001(i) i)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 02 nos. of AC circuit Breakers along with 02
			T023/625	AC Ckt. Breaker 41 A, 3 Pole (Type –16)	3EH_113456R0001		01	2.00	NIL	
			B023/625	AC Ckt. Breaker 41 A, 3 Pole (Type –16)	3EH_113456R0001		01	NIL	2.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	nos. of Aux. Contact 2NO.
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	
67	N/2/0089	297101700114P	T023/626	AC Circuit Breaker 6 A, 1pole (Type 20) with Aux. Contact 2 NO	(i)HBTB585552R1013 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 04 nos. of AC circuit Breakers along with 02 nos. of Aux. Contact 2NO.
			T023/626	AC Ckt. Breaker 6 A, 1 Pole (Type –20)	HBTB585552R1013		01	4.00	NIL	
			B023/626	AC Ckt. Breaker 6 A, 1 Pole (Type –20)	HBTB585552R1013		01	NIL	4.00	
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	
68	N/0/0090	297500400114P	T021/002	SURGE ARRESTOR CURRENT TRANSFORMER	HAMM312079R0001	CLW/ES/3/0085/A	01	1.00	1.00	
			T021/002	SURGE ARRESTOR CURRENT TRANSFORMER	HAMM312079R0001		01	1.00	NIL	
			B021/002	SURGE ARRESTOR CURRENT TRANSFORMER	HAMM312079R0001		01	NIL	1.00	
69	N/1/0092	297101940114P	T023/004	AC Ckt. Breaker 11 A, 1 Pole Revised (Type –21)	HBTB585552R1033	CLW/ES/3/0096/H	01	1.00	1.00	
			T023/004	AC Ckt. Breaker 11 A, 1 Pole Revised (Type –21)	HBTB585552R1033		01	1.00	NIL	
			B023/004	AC Ckt. Breaker 11 A, 1 Pole Revised (Type –21)	HBTB585552R1033		01	NIL	1.00	
70	N/2/0092	297101570114P	T023/627	AC Circuit Breaker 20 A, 1pole (Type 19) with Aux. Contact 2 NO	(i)3EHP590639R0101 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 02 nos. of AC circuit Breakers along with 02 nos. of Aux. Contact 2NO.
			T023/627	AC Ckt. Breaker 20 A, 1Pole (Type –19)	3EHP590639R0101		01	2.00	NIL	
			B023/627	AC Ckt. Breaker 20 A, 1Pole (Type –19)	3EHP590639R0101		01	NIL	2.00	
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
71	N/1/0093	297101690114P	T023/629	AC Circuit Breaker 6 A, 3pole (Type 18) with Aux. Contact 2 NO	(i)HBTB585552R3013 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 03 nos. of AC circuit Breakers along with 02 nos. of Aux. Contact 2NO. 01 no. AC circuit Breaker is to be drawn for fitting in A.C. systems in the Locos.
			T023/629	AC Ckt. Breaker 6 A, 3 Pole (Type –18)	HBTB585552R3013		01	2.00	NIL	
			T023/637	AC Ckt. Breaker 6 A, 3 Pole Revised (Type –18) FOR AC SYSTEM	HBTB585552R3013		01	1.00	NIL	
			B023/629	AC Ckt. Breaker 6 A, 3 Pole (Type –18)	HBTB585552R3013		01	NIL	2.00	
			B023/637	AC Ckt. Breaker 6 A, 3 Pole Revised (Type –18) FOR AC SYSTEM	HBTB585552R3013		01	NIL	1.00	
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	
72	N/1/0094	297101820114P	T023/630	AC Circuit Breaker 16 A, 3pole (Type 14) with Aux. Contact 2 NO	(i)HBTB585552R3033 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 02 nos. of AC circuit Breakers along with 02 nos. of Aux. Contact 2NO.
			T023/630	AC Ckt. Breaker 16 A, 3 Pole (Type –14)	HBTB585552R3033		01	2.00	NIL	
			B023/630	AC Ckt. Breaker 16 A, 3 Pole (Type –14)	HBTB585552R3033		01	NIL	2.00	
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	
73	N/1/0095	297110340114P	T023/631	AC Circuit Breaker 32 A, 3pole (Type 15) with Aux. Contact 2 NO	(i)HBTB585552R3063 (ii)HBTB585557R1200	CLW/ES/3/0096/H	03	1.00	1.00	one set comprises of 02 nos. of AC circuit Breakers
			T023/631	AC Ckt. Breaker 32 A, 3 Pole (Type –15)	HBTB585552R3063		01	2.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B023/631	AC Ckt. Breaker 32 A, 3 Pole (Type –15)	HBTB585552R3063		01	NIL	2.00	along with 02 nos. of Aux. Contact 2NO.
			T023/632	AUXILIARY CONTACT 2 NO	HBTB585557R1200		01	2.00	NIL	
			B023/632	AUXILIARY CONTACT 2NO	HBTB585557R1200		01	NIL	2.00	
74	N/2/0095	297110220114P	T023/632	AUXILIARY CONTACTS 2 N/O	HBTB585557R1200	CLW/ES/3/0096/H	01	NIL	NIL	This category no. has been deleted. All 16 nos. Aux. Contacts 2 N/O have been distributed against Cat. nos. N/2/0088, N/3/0088, N/2/0089, N/2/0092, N/1/0093, N/1/0094, N/1/0095.
			T023/632	AUXILIARY CONTACT	HBTB585557R1200		01	NIL	NIL	
			B023/632	AUXILIARY CONTACT	HBTB585557R1200		01	NIL	NIL	
75	N/0/0096	297500270114P	T024/365	SNUBBER CKT.	3EHW470024R0005	CLW/ES/3/0067/B	01	12.00	12.00	01 no is to be drawn for fitting in A.C. systems in the Locos.
			T024/456	SNUBBER CIRCUIT TO RELAY TEMPERATURE CONTROL ELECTRONICS	3EHW470024R0005		01	1.00	NIL	
			T024/454	SNUBBER CIRCUIT TO ITEM AUXILIARY CONTACTOR PANTOGRAPH	3EHW470024R0005		01	1.00	NIL	
			T024/440	SNUBBER CIRCUIT TO CONTACTOR POWER SUPPLY CAB	3EHW470024R0005		01	1.00	NIL	
			T024/230	SNUBBER CIRCUIT TO AUXILIARY CONTACTOR VCB	3EHW470024R0005		01	1.00	NIL	

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SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T024/228	SNUBBER CIRCUIT TO TIME RELAY VCB	3EHW470024R0005		01	1.00	NIL	
			T024/218	SNUBBER CIRCUIT TO CONTACTOR POWER SUPPLY CAB	3EHW470024R0005		01	1.00	NIL	
			T024/216	SNUBBER CIRCUIT TO RELAY CONTROL ELECTRONICS 'OFF'	3EHW470024R0005		01	1.00	NIL	
			T023/178	SNUBBER CIRCUIT FOR CONTACTOR MAIN COMPRESSOR & BUR -1&2	3EHW470024R0005		01	3.00	NIL	
			T023/026	SNUBBER CIRCUIT FOR CONTACTOR MAIN COMPRESSOR	3EHW470024R0005		01	1.00	NIL	
			T023/639	SNUBBER CIRCUIT FOR A.C. SYSTEM	3EHW470024R0005		01	1.00	NIL	
			B024/456	SNUBBER CIRCUIT TO RELAY TEMPERATURE CONTROL ELECTRONICS	3EHW470024R0005		01	NIL	1.00	
			B024/454	SNUBBER CIRCUIT TO AUXILIARY CONTACTOR PANTOGRAPH	3EHW470024R0005		01	NIL	1.00	
			B024/440	SNUBBER CIRCUIT TO CONTACTOR POWER SUPPLY CAB	3EHW470024R0005		01	NIL	1.00	
			B024/230	SNUBBER CIRCUIT TO AUXILIARY CONTACTOR VCB	3EHW470024R0005		01	NIL	1.00	
			B024/228	SNUBBER CIRCUIT TO TIME RELAY VCB	3EHW470024R0005		01	NIL	1.00	
			B024/218	SNUBBER CIRCUIT TO CONTACTOR POWER SUPPLY CAB	3EHW470024R0005		01	NIL	1.00	
			B024/216	SNUBBER CIRCUIT TO RELAY CONTROL ELECTRONICS OFF	3EHW470024R0005		01	NIL	1.00	
			B023/178	SNUBBER CIRCUIT FOR CONTACTOR MAIN COMPRESSOR & BUR -1&2	3EHW470024R0005		01	NIL	3.00	
			B023/026	SNUBBER CIRCUIT FOR CONTACTOR MAIN COMPRESSOR	3EHW470024R0005		01	NIL	1.00	
			B023/639	SNUBBER CIRCUIT FOR A.C. SYSTEM	3EHW470024R0005		01	NIL	1.00	
76	N/0/0100	297001270114P	T024/024	KEY SWITCH SIMULATION IN SB1	3EHP585704R2222	CLW/ES/3/0079/A	01	1.00	1.00	
			T024/235	KEY SWITCH SIMULATION	3EHP585704R2222		01	1.00	NIL	
			B024/235	KEY SWITCH SIMULATION	3EHP585704R2222		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
77	N/0/0102	296102800114P	T025/005	UIC - SOCKET	HBTB585471R0001	CLW/ES/3/0047/A	01	2.00/4.00	2.00	
			T031/193	UIC - SOCKET	HBTB585471R0001		01	1.00/2.00	NIL	
			T031/102	UIC - SOCKET	HBTB585471R0001		01	1.00/2.00	NIL	
			B031/493	UIC - SOCKET	HBTB585471R0001		01	NIL	1.00	
			B031/300	UIC - SOCKET	HBTB585471R0001		01	NIL	1.00	
77a	N/0/0102a		T025/020	UIC PLUG AS PER DRAWING NO. CLW/ES/3/SK-4/0047/A (WITHOUT CABLE)		CLW/ES/3/0047/A	01	2.00/NIL	NIL	
77b	N/1/0102		T025/019	2 COUPLERS ALONG WITH 3 METER HARNESSSED CABLE		CLW/ES/3/0047/A	01	NIL	NIL	
78	N/0/0103	295000470114P	T026/006	PRESSURE SENSOR OIL CIRCUIT TRANSFORMER	3EHN424144R5000	CLW/ES/3/0035/G	01	4.00	4.00	
			T017/200	PRESSURE SENSOR	3EHN424144R5000		01	4.00	NIL	
			B017/200	PRESSURE SENSOR	3EHN424144R5000		01	NIL	4.00	
79	N/0/0104	295000590114P	T020/012	AMPLIFIER TO SENSOR OIL CIRCUIT	3EHP585820P0003	CLW/ES/3/0035/G	01	2.00	2.00	
			T020/012	AMPLIFIER TO SENSOR OIL CIRCUIT	3EHP585820P0003		01	2.00	NIL	
			B020/012	AMPLIFIER TO SENSOR OIL CIRCUIT	3EHP585820P0003		01	NIL	2.00	
80	N/0/0105	297010300114P	T031/006	CAB ACTIVATING KEY SWITCH	3EHP590522P0001	CLW/ES/3/0074	01	2.00	2.00	
			T031/006	CAB ACTIVATING KEY SWITCH	3EHP590522P0001		01	2.00	NIL	
			B031/006	CAB ACTIVATING KEY SWITCH	3EHP590522P0001		01	NIL	2.00	
81	N/0/0106	297000360114P	T031/007	SPRING LOADED SWITCH FOR PANTOGRAPH/VCB/ HOTEL LOAD	HBTB585604R3001	CLW/ES/3/0075/A	01	6.00	6.00	
			T031/078	SPRING LOADED SWITCH FOR VCB	HBTB585604R3001		01	2.00	NIL	
			T031/077	SPRING LOADED SWITCH PANTOGRAPH.	HBTB585604R3001		01	2.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T031/013	SPRING LOADED SWITCH HOTEL LOAD SUPPLY.	HBTB585604R3001		01	2.00	NIL	
			B031/078	SPRING LOADED SWITCH FOR VCB	HBTB585604R3001		01	NIL	2.00	
			B031/077	SPRING LOADED SWITCH PANTOGRAPH.	HBTB585604R3001		01	NIL	2.00	
			B031/013	SPRING LOADED SWITCH HOTEL LOAD SUPPLY.	HBTB585604R3001		01	NIL	2.00	
82	N/0/0108	297000610114P	T031/015	SPRING LOADED SWITCH FOR COMPRESSOR	HBTB585604R2001	CLW/ES/3/0075/A	01	2.00	2.00	
			T031/015	SPRING LOADED SWITCH MAIN COMPRESSOR.	HBTB585604R2001		01	2.00	NIL	
			B031/015	SPRING LOADED SWITCH MAIN COMPRESSOR.	HBTB585604R2001		01	NIL	2.00	
83	N/0/0110	297000480114P	T032/004	SPRING LOADED SWITCH FOR HEAD LIGHTS	3EHP585743R2204	CLW/ES/3/0075/A	01	2.00	2.00	
			T032/045	SWITCH HEADLIGHTS.	3EHP585743R2204		01	2.00	NIL	
			B032/045	SWITCH HEADLIGHTS.	3EHP585743R2204		01	NIL	2.00	
84	N/0/0111	297000500114P	T032/007	SPRING LOADED SWITCH FOR HEAD LIGHT INTENSITY	3EHP585743R2103	CLW/ES/3/0075/A	01	2.00	2.00	
			T032/049	SWITCH HEAD LIGHTS INTENSITY	3EHP585743R2103		01	2.00	NIL	
			B032/049	SWITCH HEAD LIGHTS INTENSITY	3EHP585743R2103		01	NIL	2.00	
85	N/0/0112	297001390114P	T031/018	PUSH BUTTON FOR EMERGENCY STOP	3EHP590153R0002	CLW/ES/3/0077/A	01	2.00	2.00	
			T031/018	PUSH BUTTON FOR EMERGENCY STOP.	3EHP590153R0002		01	2.00	NIL	
			B031/018	PUSH BUTTON FOR EMERGENCY STOP.	3EHP590153R0002		01	NIL	2.00	
				SHRINK DOWN SLEEVES						
86				a) SET OF SHRINKDOWN SLEEVES (Polyethelene Based Polyolefin)						

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(1)	N/1/0113	296103332214K	T031/298	SHRINKDOWN SLEEVE 6.4 X 0.28 PE5 BK	F415788P0106	CLW/ES/3/0154/Q	22	26.00	26.00	01 metre is to be drawn for fitting in A.C. systems in the Locos.
			T031/298	SHRINKDOWN SLEEVE 6.4 X 0.28 PE5 BK	F415788P0106		22	26.00	NIL	
			B031/298	SHRINKDOWN SLEEVE 6.4 X 0.28 PE5 BK	F415788P0106		22	NIL	26.00	
(2)	N/2/0113	296105032214K	T031/389	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 BK	F415788P0108	CLW/ES/3/0154/Q	22	20.00	20.00	
			T031/389	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 BK	F415788P0108		22	20.00	NIL	
			B031/389	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 BK	F415788P0108		22	NIL	20.00	
(3)	N/3/0113	296105152214K	T023/069	SD SLEEVE 19.0X0.35-PE 5 BK	F415788P0109	CLW/ES/3/0154/Q	22	5.00	5.00	
			T023/069	SD SLEEVE 19.0X0.35-PE 5 BK	F415788P0109		22	5.00	NIL	
			B023/069	SD SLEEVE 19.0X0.35-PE 5 BK	F415788P0109		22	NIL	5.00	
(4)	N/4/0113	296105272214K	T021/222	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 BK	F415788P0110	CLW/ES/3/0154/Q	22	12.50/14.50	12.50	
			T021/222	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 BK	F415788P0110		22	12.50/14.50	NIL	
			B021/222	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 BK	F415788P0110		22	NIL	12.50	
(5)	N/5/0113	296105392214K	T017/300	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 TR	F415788P0610	CLW/ES/3/0154/Q	22	8.00	8.00	
			T017/300	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 TR	F415788P0610		22	8.00	NIL	
			B017/300	SHRINKDOWN SLEEVE 25.4 X 0.38 PE5 TR	F415788P0610		22	NIL	8.00	
(6)	N/6/0113	296105402214K	T030/849	SHRINKDOWN SLEEVE 2.4 x 0.22 PE5 G/YEL	F415788P0703	CLW/ES/3/0154/Q	22	1.20	1.20	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T030/849	SHRINKDOWN SLEEVE 2.4 x 0.22 PE5 G/YEL	F415788P0703		22	1.20	NIL	
			B030/849	SHRINKDOWN SLEEVE 2.4 x 0.22 PE5 G/YEL	F415788P0703		22	NIL	1.20	
(7)	N/7/0113	296105522214K	T034/236	SD SLEEVE 6.4 x 0.28 PE5 G/YEL	F415788P0706	CLW/ES/3/0154/Q	22	1.32	1.32	
			T034/236	SD SLEEVE 6.4 x 0.28 PE5 G/YEL	F415788P0706		22	1.32	NIL	
			B034/236	SD SLEEVE 6.4 x 0.28 PE5 G/YEL	F415788P0706		22	NIL	1.32	
(8)	N/8/0113	296105642214K	T030/281	SHRINKDOWN SLEEVE 9.5 x 0.28 - PE5 G/YEL	F415788P0707	CLW/ES/3/0154/Q	22	2.00	2.00	
			T030/281	SHRINKDOWN SLEEVE 9.5 x 0.28 - PE5 G/YEL	F415788P0707		22	2.00	NIL	
			B030/281	SHRINKDOWN SLEEVE 9.5 x 0.28 - PE5 G/YEL	F415788P0707		22	NIL	2.00	
(9)	N/9/0113	296105762214K	T034/109	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 G/YEL	F415788P0708	CLW/ES/3/0154/Q	22	4.00	4.00	
			T034/109	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 G/YEL	F415788P0708		22	4.00	NIL	
			B034/109	SHRINKDOWN SLEEVE 12.7 x 0.28 PE5 G/YEL	F415788P0708		22	NIL	4.00	
(10)	N/10/0113	296105882214K	T031/117	SHRINKDOWN SLEEVE YEL/GREEN 3/1.5	HBTB416269P0001	CLW/ES/3/0154/Q	22	2.00	2.00	
			T031/117	SHRINKDOWN SLEEVE YEL/GREEN 3/1.5	HBTB416269P0001		22	2.00	NIL	
			B031/117	SHRINKDOWN SLEEVE YEL/GREEN 3/1.5	HBTB416269P0001		22	NIL	2.00	
(11)	N/11/0113	296105902214K	T034/061	SHRINKDOWN SLEEVE YEL/GREEN 6/3	HBTB416269P0002	CLW/ES/3/0154/Q	22	1.00	1.00	
			T034/061	SHRINKDOWN SLEEVE YEL/GREEN 6/3	HBTB416269P0002		22	1.00	NIL	
			B034/061	SHRINKDOWN SLEEVE YEL/GREEN 6/3	HBTB416269P0002		22	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(12)	N/13/0113	296106182214K	T034/074	S.D. SLEEVE YEL/GREEN 26/13	HBTB416269P0005	CLW/ES/3/0154/Q	22	1.00	1.00	
			T034/074	S.D. SLEEVE YEL/GREEN 26/13	HBTB416269P0005		22	1.00	NIL	
			B034/074	S.D. SLEEVE YEL/GREEN 26/13	HBTB416269P0005		22	NIL	1.00	
(13)	N/14/0113	296106202214K	T030/739	AD HESIVE SHRINKDOWN SLEEVE 16/4	HBTB416411P0003	CLW/ES/3/0154/Q	22	4.00	4.00	
			T030/739	AD HESIVE SHRINKDOWN SLEEVE 16/4	HBTB416411P0003		22	4.00	NIL	
			B030/739	AD HESIVE SHRINKDOWN SLEEVE 16/4	HBTB416411P0003		22	NIL	4.00	
(14)	N/15/0113	296106312214K	T031/365	SHRINKDOWN SLEEVE 24/6	HBTB416411P0004	CLW/ES/3/0154/Q	22	14.50	14.50	
			T031/365	SHRINKDOWN SLEEVE 24/6	HBTB416411P0004		22	14.50	NIL	
			B031/365	SHRINKDOWN SLEEVE 24/6	HBTB416411P0004		22	NIL	14.50	
(15)	N/17/0113	296106672214K	T021/116	ADHESIVE SD SLEEVE 12/3	HBTB416411P0002	CLW/ES/3/0154/Q	22	3.50	3.50	
			T021/116	ADHESIVE SD SLEEVE 12/3	HBTB416411P0002		22	3.50	NIL	
			B021/116	ADHESIVE SD SLEEVE 12/3	HBTB416411P0002		22	NIL	3.50	
(16)	N/18/0113	296106792214K	T021/080	ADHESIVE SD SLEEVE 32/8	HBTB416411P0005	CLW/ES/3/0154/Q	22	3.50	3.50	
			T021/080	ADHESIVE SD SLEEVE 32/8	HBTB416411P0005		22	3.50	NIL	
			B021/080	ADHESIVE SD SLEEVE 32/8	HBTB416411P0005		22	NIL	3.50	
(17)	N/19/0113	296106802214K	T016/192	SHRINKDOWN SLEEVE 1 KYNAR	HEIS415785P0010	CLW/ES/3/0154/Q	22	3.00	3.00	
			T016/192	SHRINKDOWN SLEEVE 1 KYNAR	HEIS415785P0010		22	3.00	NIL	
			B016/192	SHRINKDOWN SLEEVE 1 KYNAR	HEIS415785P0010		22	NIL	3.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO .	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(18)	N/20/0113	296106922214K	T019/018	SHRINKDOWN SLEEVE YEL/GREEN 12/6	HBTB416269P0003	CLW/ES/3/0154/Q	22	2.00	2.00	
			T019/018	SHRINKDOWN SLEEVE YEL/GREEN 12/6	HBTB416269P0003		22	2.00	NIL	
			B019/018	SHRINKDOWN SLEEVE YEL/GREEN 12/6	HBTB416269P0003		22	NIL	2.00	
(19)	N/28/0113	296112950114K	T017/039	S.D. SLEEVE SIZE 18	HBTB415391P0011	CLW/ES/3/0154/Q	01	40.00	40.00	
			T017/039	S.D. SLEEVE SIZE 18	HBTB415391P0011		01	40.00	NIL	
			B017/039	S.D. SLEEVE SIZE 18	HBTB415391P0011		01	NIL	40.00	
(20)	N/29/0113	296106432214K	T017/350	ADHESIVE SHRINK DOWN SLEEVE SIZE 12/2.41		CLW/ES/3/0154/Q	22	0.60	0.50	
87	N/0/0113a		T028/295	b) SET OF PRINTED SRINKDOWN SLEEVE		CLW/ES/3/0154/Q	03	1.00	1.00	
(1)	N/22/0113	296107090114K	T031/046	SHRINKDOWN SLV DTMS 1/8	HBT416006P0003	CLW/ES/3/0154/Q	01	1203.00	1413.00	
			T031/046	SHRINKDOWN SLV DTMS 1/8	HBT416006P0003		01	1203.00	NIL	
			B031/046	SHRINKDOWN SLV DTMS 1/8	HBT416006P0003		01	NIL	1413.00	
(2)	N/23/0113	296107100114K	T021/221	SHRINKDOWN SLV DTMS 3/16	HBT416007P0003	CLW/ES/3/0154/Q	01	5743.00/593 3.00	5723.00	60 nos are to be drawn for fitting in A.C. systems in the Locos.
			T021/221	SHRINKDOWN SLV DTMS 3/16	HBT416007P0003		01	5743.00/593 3.00	NIL	
			B021/221	SHRINKDOWN SLV DTMS 3/16	HBT416007P0003		01	NIL	5723.00	
(3)	N/24/0113	296107220114K	T034/160	SHRINKDOWN SLV DTMS 1/4	HBT416008P0003	CLW/ES/3/0154/Q	01	156.00/176. 00	156.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			T034/160	SHRINKDOWN SLV DTMS 1/4	HBT416008P0003		01	156.00/176.00	NIL	
			B034/160	SHRINKDOWN SLV DTMS 1/4	HBT416008P0003		01	NIL	156.00	
(4)	N/25/0113	296107340144K	T034/154	SHRINKDOWN SLV DTMS 3/8	HBT416009P0003	CLW/ES/3/0154/Q	01	310.00	310.00	
			T034/154	SHRINKDOWN SLV DTMS 3/8	HBT416009P0003		01	310.00	NIL	
			B034/154	SHRINKDOWN SLV DTMS 3/8	HBT416009P0003		01	NIL	310.00	
(5)	N/26/0113	296107460114K	T023/067	SHRINKDOWN SLV DTMS 1/2	HBT416010P0003	CLW/ES/3/0154/Q	01	110.00	110.00	
			T023/067	SHRINKDOWN SLV DTMS 1/2	HBT416010P0003		01	110.00	NIL	
			B023/067	SHRINKDOWN SLV DTMS 1/2	HBT416010P0003		01	NIL	110.00	
(6)	N/27/0113	296109280114K	T031/072	PLATE: TMS-CM 10-50 YEL	3EHP416008P0001	CLW/ES/3/0154/Q	01	250.00	266.00	
			T031/072	PLATE: TMS-CM 10-50 YEL.	3EHP416008P0001		01	250.00	NIL	
			B031/072	PLATE: TMS-CM 10-50 YEL.	3EHP416008P0001		01	NIL	266.00	
				SET OF NON-METALLIC SLEEVES						
88				a) SET OF NYLON SPACER						
(1)	N/1/0115	296107600114W	T030/675	FILLER SIZE 16 BLUE	HBTB415309P0001	CLW/ES/3/0154/Q	01	36.00	36.00	
			T030/675	FILLER SIZE 16 BLUE	HBTB415309P0001		01	36.00	NIL	
			B030/675	FILLER SIZE 16 BLUE	HBTB415309P0001		01	NIL	36.00	
(2)	N/2/0115	296107710114W	T030/075	FILLER SIZE 12 YELLOW	HBTB415309P0002	CLW/ES/3/0154/Q	01	77.00	77.00	
			T030/075	FILLER SIZE 12 YELLOW	HBTB415309P0002		01	77.00	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B030/075	FILLER SIZE 12 YELLOW	HBTB415309P0002		01	NIL	77.00	
89				b) SET OF POLYAMIDE PROTECTION SLEEVE FOR CABLES						
(1)	N/3/0115	297204362214K	T031/498	EXP. INSULATED TUBE 11/22 PA	HBTB416099P0001	CLW/ES/3/0154/Q	22	425.4/441.4	425.40	
			T031/498	EXP. INSULATED TUBE 11/22 PA	HBTB416099P0001		22	425.4/441.4	NIL	
			B031/498	EXP. INSULATED TUBE 11/22 PA	HBTB416099P0001		22	NIL	425.40	
(2)	N/4/0115	297204482214K	T033/066	EXP. INSULATED TUBE 30/52 PA	HBTB416099P0003	CLW/ES/3/0154/Q	22	354.00	354.00	
			T033/066	EXP. INSULATED TUBE 30/52 PA	HBTB416099P0003		22	354.00	NIL	
			B033/066	EXP. INSULATED TUBE 30/52 PA	HBTB416099P0003		22	NIL	354.00	
(3)	N/5/0115	297204502214K	T033/064	EXP. INSULATED TUBE 8/15 PA	HBTB416099P0007	CLW/ES/3/0154/Q	22	107.00	107.00	
			T033/064	EXP. INSULATED TUBE 8/15 PA	HBTB416099P0007		22	107.00	NIL	
			B033/064	EXP. INSULATED TUBE 8/15 PA	HBTB416099P0007		22	NIL	107.00	
(4)	N/6/0115	297204612214K	T033/065	EXP. INSULATED TUBE 18/32 PA	HBTB416099P0009	CLW/ES/3/0154/Q	22	42.00	42.00	
			T033/065	EXP. INSULATED TUBE 18/32 PA	HBTB416099P0009		22	42.00	NIL	
			B033/065	EXP. INSULATED TUBE 18/32 PA	HBTB416099P0009		22	NIL	42.00	
(5)	N/8/0115	297204852214K	T030/825	EXP. INSULATED TUBE 10/15 PA	HBTB416099P0014	CLW/ES/3/0154/Q	22	55.00	55.00	
			T030/825	EXP. INSULATED TUBE 10/15 PA	HBTB416099P0014		22	55.00	NIL	
			B030/825	EXP. INSULATED TUBE 10/15 PA	HBTB416099P0014		22	NIL	55.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
(6)	N/9/0115	297204972214K	T030/521	EXP. INSULATED TUBE 14//20 PA	HBTB416099P0015	CLW/ES/3/0154/Q	22	25.00	25.00	
			T030/521	EXP. INSULATED TUBE 14//20 PA	HBTB416099P0015		22	25.00	NIL	
			B030/521	EXP. INSULATED TUBE 14//20 PA	HBTB416099P0015		22	NIL	25.00	
(7)	N/10/0115	297205032214K	T029/265	EXP. INSULATED TUBE 22/35 PA	HBTB416099P0017	CLW/ES/3/0154/Q	22	415.00/432.50	415.00	
			T029/265	EXP. INSULATED TUBE 22/35 PA	HBTB416099P0017		22	415.00/432.50	NIL	
			B029/265	EXP. INSULATED TUBE 22/35 PA	HBTB416099P0017		22	NIL	415.00	
(8)	N/11/0115	297205152214K	T030/826	EXP. INSULATED TUBE 28/40 PA	HBTB416099P0018	CLW/ES/3/0154/Q	22	50.00	50.00	
			T030/826	EXP. INSULATED TUBE 28/40 PA	HBTB416099P0018		22	50.00	NIL	
			B030/826	EXP. INSULATED TUBE 28/40 PA	HBTB416099P0018		22	NIL	50.00	
(9)	N/12/0115	297205272214K	T033/067	EXP. INSULATED TUBE 70/91 PA	HBTB416099P0030	CLW/ES/3/0154/Q	22	2.00	2.00	
			T033/067	EXP. INSULATED TUBE 70/91 PA	HBTB416099P0030		22	2.00	NIL	
			B033/067	EXP. INSULATED TUBE 70/91 PA	HBTB416099P0030		22	NIL	2.00	
(10)	N/13/0115	297209652214P	T019/039	EXP. INSULATED TUBE 6/10 PA	HBTB416099P0012	CLW/ES/3/0154/Q	22	6.00	6.00	
			T019/039	EXP. INSULATED TUBE 6/10 PA	HBTB416099P0012		22	6.00	NIL	
			B019/039	EXP. INSULATED TUBE 6/10 PA	HBTB416099P0012		22	NIL	6.00	
(11)	N/19/0115	297209532214P	T024/125	PROTECTIVE TUBING (EXP. INSULATION TUBE 4/8 PA) FOR SB - 1/2	HBTB416099P0011	CLW/ES/3/0154/Q	22	NIL	NIL	
			T024/125	PROTECTIVE TUBING (EXP. INSULATION TUBE 4/8 PA) FOR SB - 1/2	HBTB416099P0011		22	NIL	NIL	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B024/125	PROTECTIVE TUBING (EXP. INSULATION TUBE 4/8 PA) FOR SB - 1/2	HBTB416099P0011		22	NIL	NIL	
90				c) POLYETHELENE SLEEVE						
(1)	N/15/0115	296107830114P	T031/121	END SLEEVE PG - 16 - PE	KN6726212P0016	CLW/ES/3/0154/Q	01	20.00	20.00	
			T031/121	END SLEEVE PG - 16 - PE	KN6726212P0016		01	20.00	NIL	
			B031/121	END SLEEVE PG - 16 - PE	KN6726212P0016		01	NIL	20.00	
(2)	N/16/0115	296107950114P	T031/118	END SLEEVE PG - 29 - PE	KN6726212P0029	CLW/ES/3/0154/Q	01	100.00	100.00	
			T031/118	END SLEEVE PG - 29 - PE	KN6726212P0029		01	100.00	NIL	
			B031/118	END SLEEVE PG - 29 - PE	KN6726212P0029		01	NIL	100.00	
(3)	N/17/0115	296108010114P	T017/035	END SLEEVE PG - 36 - PE	KN6726212P0036	CLW/ES/3/0154/Q	01	2.00	2.00	
			T017/035	END SLEEVE PG - 36 - PE	KN6726212P0036		01	2.00	NIL	
			B017/035	END SLEEVE PG - 36 - PE	KN6726212P0036		01	NIL	2.00	
(4)	N/18/0115	296108130114P	T016/202	END SLEEVE PG - 21- PE	KN6726212P0021	CLW/ES/3/0154/Q	01	3.00	3.00	
			T016/202	END SLEEVE PG - 21- PE	KN6726212P0021		01	3.00	NIL	
			B016/202	END SLEEVE PG - 21- PE	KN6726212P0021		01	NIL	3.00	
91	N/0/0116	296950280114H	T016/004	PRIMARY VOLTAGE TRANSFORMER	3EHP585856R0001	CLW/ES/3/0009/B	01	1.00	1.00	
			T016/004	PRIMARY VOLTAGE TRANSFORMER	3EHP585856R0001		01	1.00	NIL	
			B016/004	PRIMARY VOLTAGE TRANSFORMER	3EHP585856R0001		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
92	N/0/0117	296900430114P	T016/007	PRIMARY CURRENT TRANSFORMER	HBTB585560R0021	CLW/ES/3/0013/B	01	1.00	1.00	
			T016/007	PRIMARY CURRENT TRANSFORMER	HBTB585560R0021		01	1.00	NIL	
			B016/007	PRIMARY CURRENT TRANSFORMER	HBTB585560R0021		01	NIL	1.00	
93	N/0/0118	296950160114P	T019/001	PRIMARY CURRENT SENSOR	HET428008P0002	CLW/ES/3/0084/A	01	6.00	6.00	
			T023/020	CURRENT SENSOR AUX. CONVERTER	HET428008P0002		01	2.00	NIL	
			T021/008	CURRENT TRANSFORMER HARMONIC FILTER	HET428008P0002		01	2.00	NIL	
			T021/001	PRIMARY CURRENT SENSOR LEM	HET428008P0002		01	2.00	NIL	
			B023/020	CURRENT SENSOR AUX. CONVERTER	HET428008P0002		01	NIL	2.00	
			B021/008	CURRENT TRANSFORMER HARMONIC FILTER	HET428008P0002		01	NIL	2.00	
			B021/001	PRIMARY CURRENT SENSOR LEM	HET428008P0002		01	NIL	2.00	
94	N/1/0118	296950040114P	T021/241	CURRENT SENSOR HOTEL LOAD SUPPLY ALONG WITH CONNECTOR	3EHN424026P0002	CLW/ES/3/0465/A	01	NIL/2.00	NIL	
			T021/241	CURRENT SENSOR HOTEL LOAD SUPPLY	3EHN424026P0002		01	NIL/2.00	NIL	
			B021/241	CURRENT SENSOR HOTEL LOAD SUPPLY	3EHN424026P0002		01	NIL	NIL	
95	N/0/0119	296900920314P	T022/003	TRANSFORMER MODULE PRIMARY VOLTAGE	3EHP590547R0001	CLW/ES/3/0083/B	01	2.00	2.00	
			T033/095	TRANSFORMER MODULE PRIMARY VOLTAGE	3EHP590547R0001		01	2.00	NIL	
			B033/095	TRANSFORMER MODULE PRIMARY VOLTAGE	3EHP590547R0001		01	NIL	2.00	
96	N/0/0120	296900790114C	T023/002	AUXILIARY TRANSFORMER 415V/110V (TRANSFORMER TRANELLA 15)	3EHP590064R0015	CLW/ES/3/0098/B	01	1.00	1.00	
			T023/002	AUXILIARY TRANSFORMER 415V/110V	3EHP590064R0015		01	1.00	NIL	
			B023/002	AUXILIARY TRANSFORMER 415V/110V	3EHP590064R0015		01	NIL	1.00	

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CATEGORY BOOK FOR WAG-9HC/WAP-7 & WAP-5 LOCOS FOR THE YEAR 2019 - 2020

SL. NO.	CATEGORY NO.	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
97	N/0/0122	295000350114P	T026/001	TEMPERATURE SENSOR OIL CIRCUIT TRANSFORMER	3EHN424142R3000	CLW/ES/3/0033/G	01	2.00	2.00	
			T017/199	TEMPERATURE SENSOR ALONG WITH CONNECTOR	3EHN424142R3000		01	2.00	NIL	
			B017/199	TEMPERATURE SENSOR ALONG WITH CONNECTOR	3EHN424142R3000		01	NIL	2.00	
98	N/0/0123	266103830114P	T032/010	DIAGNOSTIC TERMINAL	3EHP590524R0001	CLW/ES/3/0080/B	01	NIL	NIL	
			T032/053	DIAGNOSTIC TERMINAL	3EHP590524R0001		01	NIL	NIL	
			B032/053	DIAGNOSTIC TERMINAL	3EHP590524R0001		01	NIL	NIL	
98a	N/1/0123	29171301014P	T032/424	DRIVER DISPLAY UNIT		CLW/ES/3/0487/C	01	NIL	NIL	
99	N/0/0124	295001020114P	T031/001	CATENARY VOLTMETER	3EHP590546R0001	CLW/ES/3/0070	01	2.00	2.00	
			T031/001	CATENARY VOLTMETER	3EHP590546R0001		01	2.00	NIL	
			B031/001	CATENARY VOLTMETER	3EHP590546R0001		01	NIL	2.00	
100	N/0/0125	295001260114P	T031/005	VOLTMETER BATTERY	3EHP590545R0001	CLW/ES/3/0073	01	2.00	2.00	
			T031/005	VOLTMETER BATTERY	3EHP590545R0001		01	2.00	NIL	
			B031/005	VOLTMETER BATTERY	3EHP590545R0001		01	NIL	2.00	
101	N/0/0144	296400400314P	T023/019	TIME RELAY FOR MR BLOWER WITH AUX. CONTACTS CONSISTING OF (i) CONTACTOR / RELAY (1 NO.) (ii) TIME DELAY MODULE (1 NO.)	(i)HBTB585683R4227 (ii)3EHP590028R0003	CLW/ES/3/0012/D	03	2.00	2.00	
			T023/179	TIME RELAY MR BLOWER CONSISTING OF (1)CONTACTOR/RELAY (2) TIME DELAY MODULE	(i)HBTB585683R4227 (ii)3EHP590028R0003		03	1.00	NIL	
			T023/032	TIME RELAY MR BLOWER CONSISTING OF (1)CONTACTOR/RELAY (2) TIME DELAY MODULE	(i)HBTB585683R4227 (ii)3EHP590028R0003		03	1.00	NIL	

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SL. NO.	CATEGORY NO .	U.L. NO.	C&D NO.	DESCRIPTION	ABB IDENTIFICATION NO.	CLW SPECIFICATION NO.	UNIT	REQ. QTY/ LOCO WAG-9HC/WAP-7	REQ. QTY/ LOCO WAP-5	REMARKS
			B023/179	TIME RELAY MR BLOWER CONSISTING OF (1)CONTACTOR/RELAY (2) TIME DELAY MODULE	(i)HBTB585683R4227 (ii)3EHP590028R0003		03	NIL	1.00	
			B023/032	TIME RELAY MR BLOWER CONSISTING OF (1)CONTACTOR/RELAY (2) TIME DELAY MODULE	(i)HBTB585683R4227 (ii)3EHP590028R0003		03	NIL	1.00	
102	N/0/0146	296111920114Y	T023/483	FERRITE CORE FOR BUR - 1/2	HIES419087P0001	CLW/ES/3/0431	01	NIL	NIL	
			T023/483	FERRITE CORE FOR BUR - 1/2	HIES419087P0001		01	NIL	NIL	
			B023/483	FERRITE CORE FOR BUR - 1/2	HIES419087P0001		01	NIL	NIL	
103	N/0/0148	297710180114P	T023/499	CAPACITOR FOR BUR INPUT SNUBBER FOR BUR - 1/2	HIES309976P0001	CLW/ES/3/0448	01	3.00	3.00	
			T023/499	CAPACITOR FOR BUR INPUT SNUBBER FOR BUR - 1/2	HIES309976P0001		01	3.00	NIL	
			B023/499	CAPACITOR FOR BUR INPUT SNUBBER FOR BUR - 1/2	HIES309976P0001		01	NIL	3.00	

NOTE -

(A) MANUFACTURING SPARES ARE TO BE PROVIDED FOR THE FOLLOWING ITEMS :-

(i) 2% FOR ITEMS AT SL. NO. 24,24a,24b,24c,24d,24e(ALL SOCKETS AND PINS UNDER THE HEADING " SET OF CONNECTORS ").

(ii) 5% FOR ITEMS AT SL. NO. 22 , 23 ,26 , 31,34,35,36,37,38,39,40,41 , 86 , 87 , 89 & 90 .

(iii) 50 % FOR BULBS OF HEAD LIGHT AGAINST ITEM SL. NO. 32 .

(B) UNIT CODES USED IN THIS CATEGORY BOOKLET ARE DETAILED AS UNDER;

01 - NUMBER, 03 - SET, 06 - ROLL ,12 - GRAMME, 13 - KILOGRAMME , 22 - METRE , 51 - LITRE

(C) ALL ITEMS ARE TO BE DRAWN BY SHOP NO ELS - 19 UNLESS OTHERWISE MENTIONED.

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