

EDML-102, REV-'B'

Halogen free, Polyamide type accessories with Pg /Metric type threads required for Alternator wiring for LHB SG AC Hybrid coaches with LHB TYPE FRP Furnishing:

Table-1A: Halogen free, Polyamide type accessories with Pg/Metric type threads required For Alternator wiring for Hybrid LHB SG AC coaches with ERRU/RRU:-

S. no.	Description	Ref. Spec. no.	Total Unit/coach	Location
		EDTS291, Rev-`0'		
1	End fitting Pg21	Table-3, item-5	16 Nos.	Alternator-1&2 terminal boxes and cable boxes
2	Hex. Lock Nut Pg21	Table-12, item-6	32 Nos.	
3	Polyamide flexible conduit, PG21	Table-1, item-7	50 Mt.	Alternator-1&2 cable boxes to terminal boxes.
4	Tube clamp Pg 21	Table-10, item-5	10 Nos.	Alternator 1&2
5	M.S Washers	SKED-426 (Item-2)	08 Nos.	Alternator 1&2 cable boxes

Table-1B: Halogen free, Polyamide type accessories with Metric threads required for LHB HYBRID SG AC coaches with RRU:

S. No.	Description	Ref. Spec. no.	Total Unit/coach	Location
		EDTS291, Rev-`0'		
1.	End fitting, M50	Table-2, item-23	08 Nos.	RR-1&2 and junction boxes (AC&DC side)
2.	Hex. Lock Nut, M50	Table-11, item-7	16 Nos.	
3.	Polyamide flexible conduit, PG36	Table-1, item-9	70 Mt.	RR-1&2 to junction boxes.(AC&DC side)
4.	Tube clamp (Pg36)	Table-10, item-7	10 Nos.	RR-1&2 and Junction boxes (AC&DC side)

EDML-102	'B'	10.10.09	<i>Rlew</i>	<i>ADz</i>	<i>hew</i>	<i>Red</i>	1 of 5
Document No.	Rev.	Date	SE/CAD	SSE/CAD	SEE/D	Dy.CEE/D&D	Sheet

EDML-102, REV-'B'

Table-1C: Halogen free, Polyamide type accessories with Metric/PG threads required for HYBRID LHB SG AC coaches with **ERRU**:

S. No.	Description	Ref. Spec. no.	Total Unit/coach	Location
EDTS291, Rev-'0'				
1.	End fitting,M50	Table-2, item-23	04 Nos.	ERRU-1&2 and junction boxes (AC side)
2.	Hex. Lock Nut,M50	Table-11, item-7	08 Nos.	
3.	End fitting, Pg48	Table-3, item-9	04 Nos.	ERRU-1&2 and Junction boxes (DC side)
4.	Hex. Lock Nut, Pg48	Table-12, item-10	08 Nos.	
5.	Polyamide flexible conduit, PG48	Table-1, item-10	35 Mt.	ERRU-1&2 to junction boxes (DC side)
6.	Polyamide flexible conduit, PG36	Table-1, item-9	35 Mt.	ERRU-1&2 to junction boxes (AC side)
7.	Tube clamp, Pg36	Table-10, item-7	05 Nos.	ERRU-1&2 and junction boxes (AC side)
8.	Tube clamp, Pg48	Table-10, item-8	05 Nos.	ERRU-1 & 2 junction boxes (DC side)

EDML-102	'B'	10.10.09	<i>R. K. S.</i>	<i>A. S.</i>	<i>S. S.</i>	<i>P. S.</i>	2 of 5
Document No.	Rev.	Date	SE/CAD	SSE/CAD	SEE/D	DY.CEE/D&D	Sheet

Halogen free, Polyamide accessories with Metric thread required for underslung equipments wiring in LHB SG AC HYBRID Coaches with LHB Furnishing:

Table-2 : Halogen free, Polyamide type accessories with Metric threads required for wiring of various types of **Underframe equipments** of HYBRID LHB SG AC coaches :-

S. No.	Description	Ref. Spec. no.	Total Unit/ coach	Location
		EDTS291, Rev- '0'		
1.	End fitting, M50	Table-2, item-23	19Nos	B/C, U/S Inverter's etc.
2.	Hex. Lock Nut, M50	Table-11, item-7	19 Nos.	
3.	Polyamide flexible conduit, PG36	Table-1, item-9	170 Mt.	
4.	Tube clamp, PG36	Table-10, item-7	30 Nos.	For Clamping of conduit on U/F
5.	End fitting, M32	Table-2, item-15	10 Nos.	B. Box-1 & 2 wiring & SBC
6.	Hex. Lock Nut , M32	Table-11, item-5	10 Nos.	
7.	Polyamide flexible conduit, PG21	Table-1, item-7	70 Mt.	
8.	Tube clamp PG21	Table-10, item-5	30 Nos.	For clamping of Pg21 conduits on U/F
9.	End fitting, Pg11	Table-3, item-2	05 Nos.	For pump wiring
10.	Hex. Lock Nut , Pg11	Table-12, item-3	05 Nos.	
11.	Polyamide flexible conduit, PG11	Table-1, item-3	30 Mt.	
12.	Tube clamp , Pg11	Table-10, item-3	10 Nos.	For clamping of Pg11 conduits on Pump

EDML-102	'B'	10.10.09	<i>R. K. S.</i>	<i>D. S. S.</i>	<i>K. S. S.</i>	<i>B. S. S.</i>	3 of 5
Document No.	Rev.	Date	SE/CAD	SSE/CAD	SEE/D	Dy.CEE/D&D	Sheet

EDML-102, REV-'B'

Table-3 : Halogen free, Polyamide type accessories with Metric threads required for **Roof Arrangement, Side Wall & End wall wiring** of **HYBRID LHB SG AC** coaches :-

S. No.	Description	Ref. Spec. no.	Total Unit/ coach	Location
		EDTS291, Rev-'0'		
1	End fitting, M32	Table-2, item-15	16 Nos.	For Inv. display -1 & 2, SBC
2	Hex. Lock Nut , M32	Table-11, item-5	16 Nos.	
3	Polyamide flexible conduit, PG21	Table-1, item-7	75 Mt.	For inside coach wiring
4	Polyamide flexible conduit, PG16	Table-1, item-5	120 Mt.	For inside coach wiring
5.	Tube clamp , Pg23	Table-10, item-5	30Nos.	For clamping of Pg21 conduits.
6	Tube clamp , Pg16	Table-10, item-4	50Nos.	For clamping of Pg16 conduits.
7.	End fitting, M50	Table-2, item-23	04Nos	For End wall wiring
8.	Hex. Lock Nut, M50	Table-11, item-7	04 Nos.	For End wall wiring

EDML-102	'B'	10.10.09	<i>Rkw</i>	<i>CDz</i>	<i>Gudde</i>	<i>B...</i>	4 of 5
Document No.	Rev.	Date	SE/CAD	SSE/CAD	SEE/D	Dy.CEE/D&D	Sheet

RCF APPROVED SOURCES FOR CABLE PROTECTION SYSTEM

- 1). FIRM SUPPLYING THE CABLE PROTECTION SYSTEM & ACCESSORIES SHALL GET TESTED AS PER RCF SPECIFICATION **EDTS291, REV-nil** AND SHALL SUBMIT DOCUMENTARY PROOF/TEST CERTIFICATE COMPLYING TO THE SPECIFICATION.

- 2). FIRM SUPPLYING THE CABLE PROTECTION SYSTEM FOR THE FIRST TIME SHALL SUBMIT ONE COACH SET MATERIAL FOR COACH VALIDATION BEFORE COMMENCING BULK SUPPLY TO AVOID ANY TEETHING TROUBLES AT LATER STAGE.

EDML-102	'B'	10.10.09	<i>R. K. S.</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	5 of 5
Document No.	Rev.	Date	SE/CAD	SSE/CAD	SEE/D	Dy.CEE/D&D	Sheet