

SI	Specification clause no:	Clause Title	Original Clause Description	Revised Clause Description
1	8.4	Bus Bar Arrangement	<p>a) All the busbars are to be extended on rear side incorporating proper arrangement for connecting LT XLPE/PVC cables.</p> <p>b) Busbar to be extended in such a way that adequate insulation is provided between the enclosure and busbar.</p> <p>c) Inter phase barriers to be provided on both incoming and outgoing side busbar.</p> <p>d) Barriers shall also be provided between incoming and outgoing also.</p> <p>e) Entry / exit of rear side busbar from the LT ACB shall have separate openings for I/C &amp; O/G circuits. Separate openings shall be provided for each phases and shall be sealed with FRP covers.</p> <p>f) Phases shall be separated with phase barriers with polycarbonate sheets.</p>	<p>a) All the busbars are to be extended on rear side incorporating proper arrangement for connecting LT XLPE/PVC cables.</p> <p>b) Busbar to be extended in such a way that adequate insulation is provided between the enclosure and busbar.</p> <p>c) Inter phase barriers to be provided on both incoming and outgoing side busbar.</p> <p>d) Barriers shall also be provided between incoming and outgoing also.</p> <p>e) Entry / exit of rear side busbar from the LT ACB shall have separate openings for I/C &amp; O/G circuits. Separate openings shall be provided for each phases and shall be sealed with FRP covers.</p> <p>f) Phases shall be separated with phase barriers with polycarbonate sheets.</p> <p><b>g) Bus bar connection with ACB terminal shall be through flexible tinned copper braid with terminal lug. Current rating of copper braid shall be equal to the current rating of ACB. Connection of copper braid with bus bar shall be using minimum 02 no's nut bolts, plain washer and spring washer. Connection of copper braid with ACB terminal shall also be done using minimum 02 no's nut bolts, plain washer and spring washer.</b></p>
2	12.7	Pressure Release Device (PRD)	<p>a) A suitable resettable PRD shall be provided to move out hot gases in case of any internal arc in ACB enclosure. [R1]</p> <p>b) Position of explosion vent shall be rear side of top cover of ACB enclosure to ensure safety of operator.[R1]</p>	<p>a) A suitable resettable PRD/ <b>explosion vent</b> shall be provided to move out hot gases in case of any internal arc in ACB enclosure. [R1]</p> <p>b) Position of PRD/ <b>explosion vent</b> shall be rear side of top cover of ACB enclosure to ensure safety of operator.[R1]</p>
3	12.8	Mounting of the panel	<p>a) ACB with enclosure shall be suitable for mounting on poles/plinth.</p> <p>b) ACBs of all the ratings i.e., 400A/ 1250A/ 2000A/ 3200A shall have bolted stand of 900mm and ACBs of each rating mentioned shall have busbar arrangement inside the breaker enclosure with appropriate support insulator.</p>	<p>a) ACB with enclosure shall be suitable for mounting on plinth/ stand.</p>