

ELECMECH

Andheri Industrial Estate, Off Veera Desai Road, Andheri-West, Mumbai 400058
Telefax: +91 22 26730690 / 26730691 / 66963018, pmcc@elecmech.in

Elecmech is pleased to announce the successful type testing of Inter-leaved Busducts upto 65 kA RMS for 1 second at ERDA.

Busduct Type	Current Rating	Faulty Level Temp Rise	Busbars Material	Customer Project
Interleaved	4000A	65ka RMS for 1 sec	Aluminum	Schneider-Ghatgar Pumping station
Interleaved Busduct	6000A	Fault level: 65ka RMS for 1 sec	Copper	L&T ONGC-Platform
Interleaved Busduct	5000A	Temp Rise Tested at: CPRI	Copper	L&T ONGC-Platform

Maintenance Free Elecmech Make Interleaved Busduct.

- ✓ Busduct frame: CPRI /ERDA Type Tested to withstand worst case short circuit faults.
- ✓ Inspection covers: hinged / bolted type,
- ✓ Neoprene Gaskets
- ✓ Standard Zinc plated hardware / Optional Cadmium plated.
- ✓ Black PVC Sleeving / Black Mat Paint with R, Y, B identification bands.
- ✓ Bolts tightened optimally with Torque wrench.
- ✓ SMC insulators.
- ✓ Phase segregation at extra cost.
- ✓ Interleaved Bus designs for lower temp rise
- ✓ Inhouse MS pretreatment & Powder Coating Plant with:

Elecmech works: 112, G.V.M.M, Odhav, Ahmedabad, India 382415
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- ✓ Latest 11 Tank Hot Process Henkel Chem bond process for powder coating ensures best possible quality of degreasing, derusting and passivation treatment, for long lasting & non peeling high quality powder coating finish.
- ✓ Powder Coating: Epoxy Polyester with thickness from 70 to 90 microns
- ✓ Al / Cu Expansion joints every 10 meters.
- ✓ All Joints are made using best manufacturing practices.
- ✓ Condensation water drain cocks as per req.
- ✓ Space heater with MCB and thermostat is recommended for every 3.5 meters.
- ✓ Bellows for very long Busduct runs.
- ✓ Copper flexibles Termination.
- ✓ Optional Non-magnetic covers.
- ✓ Provision for Angle Iron supports for suspended ceiling / floor Installation
- ✓ Standard Fire Barrier / Optional Specially certified imported fire-barrier to withstand fire upto 2 hours at 1200 deg
- ✓ Standard Wall frame sealing assembly.
- ✓ Canopy for outdoor run.
- ✓ Aluminum / MS Earth bus suitable for 50 ka as per req.
- ✓ Milli-volt drop test

Apart from the above new type test certifications, We have standard type tested busducts available from 1600, 2000, 2500, 3200, and 4000 amps, 6300 a in 50 Ka rms for 1 second rating.

PCC, PMCC, MCC & MLDB, EMCC for your upcoming Projects

Elecmech Switchgear Panels are Designed and Type Tested for IP 51, 41 at ERDA Baroda for Fault Level certifications upto 50 KA for 1 sec as per relevant IS.

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