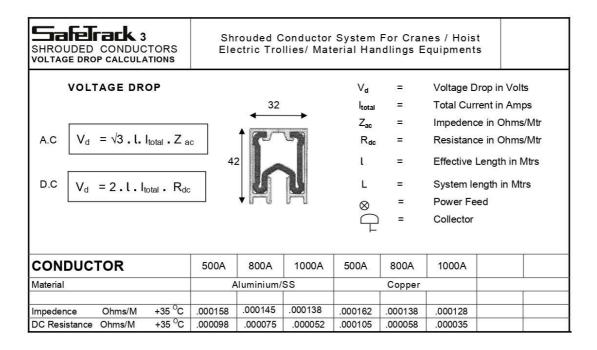


Power Feed Position ⊗	Schematic Diagram . Collector Symbol Indicates Position Of Maximum Voltage Drop	Effective Length I for voltage drop calculation
End Feed	←	l=L
For two cranes ; total current assumed 900A With 1000A <b>Aluminium</b> Busbar Bay length 245Mtrs	$V_d = \sqrt{3} \cdot l \cdot l_{total} \cdot Z_{ac}$ = 1.73 245 900 .000138 = 52.6 Volts drop	
For two cranes ; total current assumed 900A With 1000A <b>copper</b> busbar Bay Length 245Mtrs	$V_{\rm d} = \sqrt{3} \cdot l \cdot l_{\rm total} \cdot Z_{\rm ac}$ = 1.73 245 900 .000128 = 48.8 Volts drop	
For one crane ; total current assumed 1000A With 1000A <b>Aluminium</b> Busbar Bay length 250Mtrs	$V_d = \sqrt{3} \cdot l \cdot l_{total} \cdot Z_{ac}$ = 1.73 250 1000 .000138 = 59.7Volts drop	
For one crane ; total current assumed 1000A With 1000A <b>copper</b> busbar Bay Length 250Mtrs	$V_d = \sqrt{3} \cdot l. \ l_{total} \cdot Z_{ac}$ = 1.73 250 1000 .000128 = 55.4 Volts drop	H

**GR** Cranes & Elevators

Address: Village Tibba, Dehlon Road, Sahnewal Ludhiana - 141120.

Email: info@grcranes.com Phone: +91-98140-85890



Power Feed Position ⊗	Schematic Diagram . Collector Symbol Indicates Position Of Maximum Voltage Drop	Effective Length I for voltage drop calculation
End Feed	←	l=L
For two cranes ; total current assumed 900A With 1000A <b>Aluminium</b> Busbar Bay length 245Mtrs	$V_d = \sqrt{3} \cdot l \cdot l_{total} \cdot Z_{ac}$ = 1.73 245 900 .000138 = 52.6 Volts drop	
For two cranes ; total current assumed 900A With 1000A <b>copper</b> busbar Bay Length 245Mtrs	$V_{\rm d} = \sqrt{3} \cdot l \cdot l_{\rm total} \cdot Z_{\rm ac}$ = 1.73 245 900 .000128 = 48.8 Volts drop	
For one crane ; total current assumed 1000A With 1000A <b>Aluminium</b> Busbar Bay length 250Mtrs	$V_d = \sqrt{3} \cdot l \cdot l_{total} \cdot Z_{ac}$ = 1.73 250 1000 .000138 = 59.7Volts drop	
For one crane ; total current assumed 1000A With 1000A <b>copper</b> busbar Bay Length 250Mtrs	$V_d = \sqrt{3} \cdot l. \ l_{total} \cdot Z_{ac}$ = 1.73 250 1000 .000128 = 55.4 Volts drop	H

**GR** Cranes & Elevators

Address: Village Tibba, Dehlon Road, Sahnewal Ludhiana - 141120.

Email: info@grcranes.com Phone: +91-98140-85890