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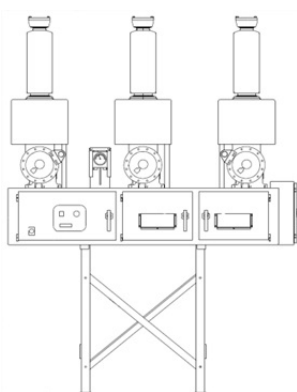
## Grid Solutions Online Store

### QUOTATION SUMMARY

**QUOTE# 99360785 (Please reference the QUOTE# when placing an order)**

<b>Customer</b>	ABB Inc.	<b>Phone No</b>	905-5207749
<b>Customer Contact</b>	Victor Kargacin	<b>Email</b>	victor.kargacin@ca.abb.com

#### AIS Dead Tank DT1-38/72.5kV - CRR Mechanism



#### This section covers the following breakers

DT1-72,5 F1 with CRR4-5E mech

#### Safety or Emergency stocks

##### For use on the tanks

- Interrupter
- Bushing Insulator (Porcelain or Composite)
- Bushing Center Conductor
- Complete Seal Kit (including desiccant)
- Densimeter
- Tank Heater
- Pressure Relief Device (Burstdisk or Break Pin)

##### For use in the cabinet/mechanism

- Low Voltage Part Kit, which includes:
  - Trip and Closing Coils
  - Spring Charge Motor
  - Auxiliary Contact Blocks
  - Motor Limit Switch
  - One of each type of relay
  - Complete set of fuses
- Anti-Condensation Heaters

#### M4 Maintenance Parts

- Complete Seal Kit (includes desiccant)
- Mechanism Inspection Kit (if available)
- Grease and Lubricants
- Burst Disk Assembly
- "Standby" parts kit for use as needed (if available)

**Circuit Breaker Condition Assessment Result - M4 Maintenance**

For the Tanks	For the Mechanism
All Seals will be replaced and this includes : <ul style="list-style-type: none"> <li>• The Bushing Upper and lower seals</li> <li>• The Tank End seals</li> <li>• The Dynamic seal for the pole shaft</li> <li>• The Gas piping seals including the densimeter</li> <li>• Dielectric cleaning of the Tank</li> <li>• The Replacement of the desiccant</li> </ul>	The mechanism will receive a careful examination which includes: <ul style="list-style-type: none"> <li>• Check trip dashpot oil level and top-up as required</li> <li>• Clean-up and greasing of all mobile parts</li> <li>• Verification of all latch surface and replacement as needed</li> <li>• Verification of all needle and roller bearings; replacement as needed</li> <li>• Verification of all springs and replacement as needed</li> <li>• Verification of all heaters and replacement as needed</li> <li>• Verification of all auxiliary contacts and replacement as needed</li> </ul>

**Maintenance Parts Price List**

Parts needed to complete the M4 maintenance

Item#	Qty	Description	Unit Price	Total Price	Est. Lead Time (Bus. Weeks)
1	1	<b>Complete Seal Kit (includes desiccant)</b> KITSEALDT09C001	1,056.76	1,056.76	4 Weeks
2	3	<b>Burst Disk Assembly</b> BurstDiskDT72CRR	145.16	435.49	4 Weeks
3	1	<b>Mechanism Inspection Kit</b> DT72CRRMechInspKit	672.00	672.00	8 Weeks
4	1	<b>Grease and Lubricants</b> KITGREASE	2,625.00	2,625.00	4 Weeks
5	1	<b>"Standby" parts kit for use as needed</b> STDBYKITCRRDT72	2,625.00	2,625.00	4 Weeks
<b>Total Net Price ( )</b>				<b>7,414.25</b>	



### Strategic Spares List

Item#	Qty	Description	Unit Price	Total Price	Est. Lead Time(Bus.Weeks)
1	1	<b>Interrupter - limited quantities</b> DT72CRRInterrupter	13,436.72	13,436.72	20 Weeks
2	1	<b>Bushing Insulator (Porcelain or Composite)</b> DT72CRRInsulator	7,609.88	7,609.88	12 Weeks
3	2	<b>Bushing Center Conductor</b> DT72CRRCenterCond	973.83	1,947.65	8 Weeks
4	1	<b>Complete Seal Kit (including desiccant)</b> KITSEALDT09C001	1,056.76	1,056.76	4 Weeks
5	1	<b>Densimeter</b> DT72CRRDensimeter	438.38	438.38	8 Weeks
6	3	<b>Pressure Relief Device (Burstdisk or Break Pin)</b> DT72CRRPRD	145.16	435.49	4 Weeks
7	1	<b>CRR5-4E complete mechanism w/o LV panel (only available for rotation)</b> DT72CRRMechRotation	6,160.22	6,160.22	4 Weeks
8	1	<b>CRR4-5 complete mechanism w/o LV panel - NEW limited quantities</b> DT72CRRMechNew	12,320.44	12,320.44	4 Weeks
9	1	<b>Mechanism Dashpot</b> DT72CRRDashpot	2,026.50	2,026.50	12 Weeks
10	1	<b>Set of Coils (1 of each)</b> COILSDT09	1,386.58	1,386.58	12 Weeks
11	1	<b>Motor</b> MOTORDT09	1,714.36	1,714.36	12 Weeks
12	1	<b>Set of Auxiliary Contacts</b> AUX_CONTACTSDT09	1,223.51	1,223.51	12 Weeks
13	1	<b>Low Voltage Electrical components kit</b> KITLVDT09CRR	9,904.03	9,904.03	12 Weeks
14	1	<b>Anti-Condensation Heater Kit</b> KITHTRDT09C001	294.00	294.00	12 Weeks
Item#	Qty	Description	Unit Price	Total Price	Est. Lead Time(Bus.Weeks)
15	1	<b>Grease and Lubricants</b> KITGREASE	2,625.00	2,625.00	4 Weeks
<b>Total Net Price ():</b>				<b>62,579.49</b>	

**Grand Total 69,993.74**



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