

Annexure - 132KV line C&R.

Dt: 27/08/2016.

<u>Sl. NO</u>	<u>Material Code</u>	<u>Material Description</u>	<u>Unit Code</u>	<u>Req. Qty</u>
1.	NEW 300 007 002 678	Order Info: IMYN 56 36 (Order Info: IMYN 56 36 46-DAW) Master Trip Relay (86) Type: RXP SD14, Size: 2S 12C Contacts: 11 N/O + 3 N/C Electrically Reset with flag Aux. Voltage: 110V DC make: ABB. Master	01	01 NO.
2.	NEW 300 007 002 679	Order Info: IN 352-001-A5 Lock out Relay / Trip ckt Sup Relay (95/86) (195/295) Type: TSR, Size: 2S, 6C Contacts: 2 C/O. Aux. Voltage: 110V DC make: ABB.	01	03 NO. 1
3.	NEW 300 007 002 680	Order Info: RK 271-018-AN CB Trip Relay (30AB, 30CD) Emergency Stop Relay Type: R x SF1, Double element, Size: 2S, 6C, Contacts: 3 NO SR per element with HR flag, Aux. Voltage: 110V DC, make: ABB	01	02 NO.
4.	NEW 300 007 002 681	Order Info: RK 214-003-AN Contact multiplication Relay, Type: R x mm, Double element Size: 2S, 6C, Contacts: 3 NO SR per element, Aux. Voltage: 110V DC, make: ABB.	01	01 NO.

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29/8/16

SI. NO	material Code	material Description	unit Code	Req. Qty
5.	NEW 300 007 002 682	Contact multiplication Relay Order INFO: INRK214-004-AD Type: Rxxmm, Double element, Size: 2S, 6C, Contacts: 1NO+2NC SR per element Aux. Voltage: 110V DC make: ABB.	01	01 NO.
6.	NEW 300 007 002 683	Auxiliary Relay for DC Change over Scheme: Order INFO: RK221-052 -AN, Type: RxxmE, Size: 2S, 6C Contacts: 2NO + 2NC SR heavy duty Aux. voltage: 110V DC, make: ABB.	01	01 NO.
7.	NEW 300 007 002 684	NO-Volt relay for DC-Supply; Supervision: Order INFO: RK271-019-AN, Type: RxxSF1 2 Element Size: 2S 6C Contacts: 1N/O+2N/C SR per element, with SR flag Aux. Voltage: 110V DC, make: ABB	01	01 NO.
8.	NEW 300 007 002 685	Order INFO: RK271-009-AN, Aux. Relay, Type: RxxSF1, Double element, Size: 2S, 6C Contacts: 2NC+1NO SR per element with HR flag, Aux. Voltage: 110V DC make: ABB.	01	01 NO.

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Sl. NO	Material Code	Material Description	Unit Code	Req. (Qty)
9.	NEW 300 007 002 686	Order INFO: 1MYN 563646-DBA, Breaker multiplication Relay (52xA/89AX/89BX/89AE1X/89BE1X/ 89AE2X/89BE2X/89PX) Type: RXPSU14, Size: 28, 12C Contacts: 7 NO + 7 NC, Electrically reset with flag, Aux. voltage: 110V DC, make: ABB-	01	04 NO. S
10.	NEW 300 007 002 687	Order INFO: 1MYN 563623-DAF Multiplication Relay (52XB), Type: RXPSU6, Size: 28 12C, Contacts: 3 NO + 3 NC Electrically reset with flag, Aux. voltage: 110V DC. make: ABB-	01	01 NO.
11.	NEW 300 007 002 688	Order INFO: RK223-064-ES Aux. Relay for Relay fault, Type: RXMH, Size: 28 12C, Contacts: 4 NO + 4 NC SR Heavy duty with operation indicator, Aux. voltage: 220V AC make: ABB-	01	01 NO.
12.	NEW 300 007 002 689	INST, IDMT, OC & E/F - Relay (50/51, 51N, 98) Type: REX521, Rating: 1A, 110V AC, Aux. voltage: 110V DC, make: ABB- Order INFO: REX521 GHHGSH5 OG + SPA-ZC4 02EMGA	01	01 NO.

N: *ABB- make only & Specified type of relays only acceptable
 * All relays should be supplied with test/warranty/operation manual.