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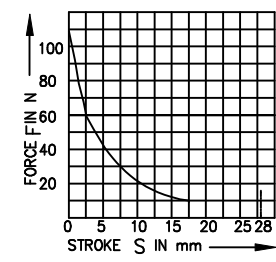
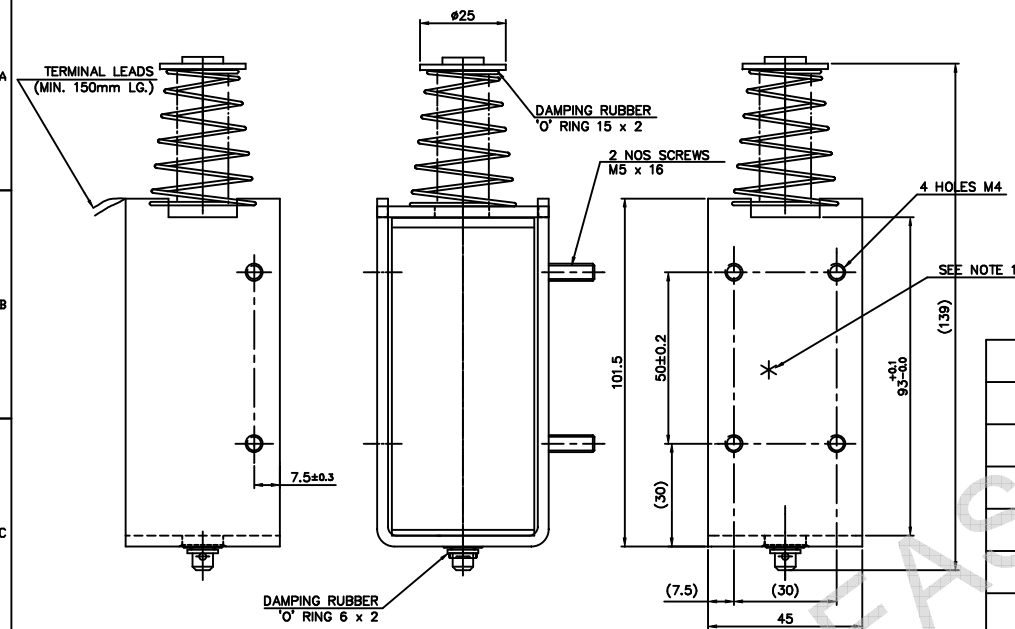


FIG.A

NOTE: -  
 1. SPACE FOR IDENTIFICATION MARKING AS PER SG 12709 CLAUSE-7  
 2. FOR QUALITY CHECKS, TESTS AND ACCEPTANCE CRITERIA REFER PRODUCT STANDERD SG 12709  
 3. RESISTANCE AT 20°C GIVES WITHIN BRACKETS ARE WITH ALTERNATIVES WIRE SIZES AS PER DRG. NO. 25211001600.

ITEM NO.	COIL VOLTAGE	VOLTAGE PICK UP RANGE	RESISTANCE AT 20°C (ohms) (±5%)	STYLE NO.	GES NO.	REMARKS	SIEMENS TYPE REF.
001	24 VDC	70% TO 110%	5.8	BP9049433430	409240224	NOT-STD	3AY1510-0B
002	48 VDC	70% TO 110%	23.0	-	-	NOT-STD	3AY1510-0C
003	60 VDC	70% TO 110%	36.0	-	-	NOT-STD	3AY1510-0D
004	110 VDC	70% TO 110%	121.0	BP9049433359	409240008	NOT-STD	3AY1510-0E
005	125 VDC	70% TO 110%	157.0	-	-	NOT-STD	3AY1510-0N
006	220 VDC	70% TO 110%	484.0(395.7)	BP9049432024	409240009	NOT-STD	3AY1510-0F
007	32 VDC	70% TO 110%	10.12	BP9049435106	409240010	NOT-STD	3AY1510-0M
008	110 VDC	50% TO 110%	43.8 (51.6)	BP9049435114	409886028	-	-
009	220/250 VDC	50% TO 110%	219.2 (202.5)	BP9049435122	409886029	-	-
010	30 VDC	50% TO 110%	4.3	BP9049435130	409886026	-	-
011	24 VDC	50% TO 110%	3.2 (2.4)	BP9049435149	409886025	-	-
012	48 VDC	50% TO 110%	10.2 (8.9)	BP9049435157	409886027	-	-
013	220 VDC	70% TO 110%	300.0	BP9049465838	409840062	NOT-STD	3AY1510-0F
014	110 VDC	70% TO 110%	65.0	BP9049465846	409840063	NOT-STD	3AY1510-0E
015	125 VDC	50% TO 110%	54.96	BP9049468527	409870012	NOT-STD	-

ITEM NO.	DESCRIPTION	QTY	UNIT	WT	CS	ZONE
015	ASSY. OF OPERATING COIL 125V DC	2 521 10 01 601	09	1.030		
014	ASSY. OF OPERATING COIL 110V DC					
013	ASSY. OF OPERATING COIL 220V DC					
012	ASSY. OF OPERATING COIL 48V DC	2 521 10 01 601	08	1.028		
011	ASSY. OF OPERATING COIL 24V DC	2 521 10 01 601	07	1.041		
010	ASSY. OF OPERATING COIL 30V DC	2 521 10 01 601	06	1.040		
009	ASSY. OF OPERATING COIL 220V DC/250V DC	2 521 10 01 601	05	0.976		
008	ASSY. OF OPERATING COIL 110V DC	2 521 10 01 601	04	1.001		
007	ASSY. OF OPERATING COIL 32V DC	2 521 10 01 601	03	1.084		
006	ASSY. OF OPERATING COIL 220V DC	2 521 10 01 601	02	0.939		
005	ASSY. OF OPERATING COIL 125V DC					
004	ASSY. OF OPERATING COIL 110V DC	2 521 10 01 601	01	0.181		
003	ASSY. OF OPERATING COIL 60V DC					
002	ASSY. OF OPERATING COIL 48V DC					
001	ASSY. OF OPERATING COIL 24V DC					

INVENTORY NO. SIGN & DATE  
 REF. DRG. NO. DATE  
 2521100153-001

REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED
		CHECKED			CHECKED	14	06.08.12	CHECKED	13	23.02.04	CHECKED
		APPROVED			APPROVED			APPROVED			APPROVED

ADDITIONAL INFORMATION		TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT	
STATUS OF DRAWING B		VCB	
DISTRIBUTION OF PRINTS O/C -1 SWM -3 TCX -1		BHARAT HEAVY ELECTRICALS LTD. BHOPAL	
DRN. TSE CKD. M.Z.G. APPD. GMK/RKG		SIGN Sd/- DATE 24.07.84 REF. TO ASSY. DRG. 35211001539 ITEM NO. 001	
DEPT. SWE CODE 409		UNTO. DIMS. GR. M SCALE - WEIGHT (KG.) - TITLE OPERATING SOLENOID	
ZONE TOLERANCE ON RESISTANCE VALUE ADDED. DCA-31219		ZONE DRAWING REDRAWN (DCA )	
ZONE DRG. RETRACED. AND UPDATED		DRAWING NO. 2 521 10 01563 SHEET NO. 01 ND. OF SHEETS 01	

RELEASED