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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY

FIRST ANGLE PROJECTION

(ALL DIMENSIONS ARE IN mm)

DRG. NO. 35210005506

SPECIFICATION OF VACUUM INTERRUPTER

ELECTRICAL RATING DATA

RATED VOLTAGE	:	12 KV
RATED NORMAL CURRENT	:	2000 A
RATED SHORT-CIRCUIT BREAKING CURRENT	:	26.3 KA
RATED PEAK SHORCIRCUIT MAKING CURRENT	:	65.75 KA
RATED PEAK WITHSTAND CURRENT	:	65.75 KA
RATED SHORT TIME WITHSTAND CURRENT(3s)	:	26.3 KA

RATED INSULATION LEVEL

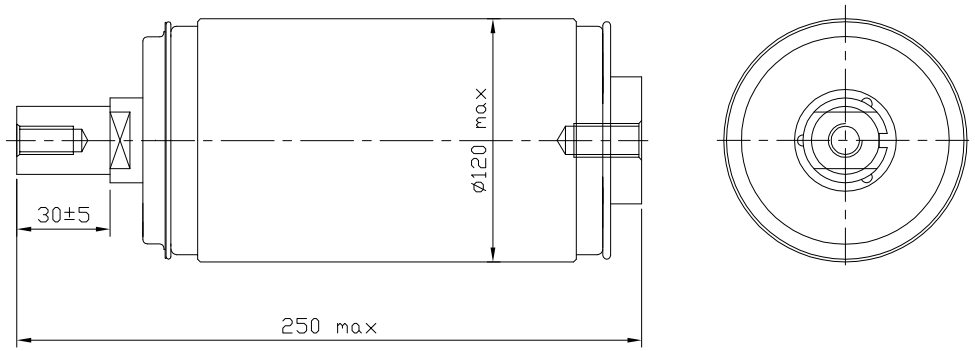
RATED POWER-FREQUENCY WITHSTAND VOLTAGE	:	35 KV
RATED LIGHTNING IMPULSE WITHSTAND VOLTAGE	:	95KV

ELECTRICAL LIFE

AT RATED NORMAL CURRENT	:	20000 OPERATIONS
AT RATED SHORT-CIRCUIT CURRENT	:	30 OPERATIONS

MECHANICAL DATA

CONTACT STROKE	:	6±1mm
MECHANICALL LIFE	:	30000 OPERATIONS
AVERGE OPENING SOEED (0 TO 6mm STROKE)	:	1.0-1.8 M/S
AVERGE CLOSING SOEED (6 TO CONTACT MARKING)	:	0.8-1.0 M/S
MIN. CLOSING FORCE *	:	2 MS
MIX. CLOSING FORCE *	:	5000 N
FORCE REQUIRED TO HOLD CONTACTS OPEN AT FULL STROKE**	:	5700 N
CONTACT EROSION LIMIT INCLUDING MECHANICAL SHORTENING	:	310±10% N



ITEM 003

				VACUUM INTERRUPTER 12kV, 2000A, 26.3 kA						KG.	-	-	-
											001		
VAR □□	REMARKS	VAR. NO.	ITEM NO	DESCRIPTION	STD.	DRAWING NO.	IT.NO	MATL. CODE	A/C	UNIT	UNIT WT.	G.S.	ZONE
							VAR	MATL. SPECN.			QTY.		

INVENTORY NO.		REV.	DATE	ALTERED	REV.	DATE	ALTERED
				CHECKED			CHECKED
SIGN. & DATE				APPROVED			APPROVED
REF. DRG. NO.							

ADDITIONAL INFORMATION

STATUS OF DRAWING

DISTRIBUTION OF PRINTS

TCX

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उत्पाद का प्रकार या ग्राहक/परियोजना का नाम
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

भारत हेवी इलेक्ट्रिकल्स लिमिटेड भोपाल
BHARAT HEAVY ELECTRICALS LTD. BHOPAL

	नाम/ NAME	हस्ता/ SIGN	दिनांक/ DATE	रे.नि. की संख्या NO. OF VAR
बनाया DRN	A.K.	Sd-	05.03.20	-
जँचा CKD	A.K.	Sd-	05.03.20	
अनुमोदित APPD	A.D.	Sd-	05.03.20	

विभाग DEPT	उन. टल. नाप की श्रेणी UNTOL.DIMS. GR.		अनुपात SCALE	भार कि.ग्रा. WEIGHT (K.G.)	उसे. ड्राईंग का संदर्भ REF. TO ASSY. DRG.	मद क. ITEM NO.	मद. संख्या NO. OF ITEM
कोड CODE 409	M		NTS				005

शीर्षक/ TITLE

VACUUM INTERRUPTER

आरेख कं/ DRAWING NO. 35210005506

पुन./REV 00

पृष्ठ कं/SHT. No.03 | पृष्ठों की संख्या/ NO. OF SHT.06

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