



LABEL EXAMPLE  
SERIAL No/DATE  
PART NO. (MATRIX & CUSTOMER)  
VOLTAGE & POWER

**MATRIX**  
International

0001-01/12  
1EB020-44 : 131-1-47369  
24 V : 14.7 W

APPROVED BY : DATE :  
SIGNATURE :  
POSITION :  
COMPANY :

**BRAKE SPECIFICATION :**

MINIMUM STATIC TORQUE = 13.5 Nm ②

FOR NOMINAL OPERATION = 24 Vdc ± 10%  
COIL RESISTANCE AT 20°C = 39.15 OHMS ± 7%  
POWER CONSUMPTION AT 20°C = 14.7 WATTS ± 7%

ELECTRICAL INSULATION = CLASS 'F' MINIMUM

7	19620	07/07/12
2	18541	11/08/04
1	-	10/05/95
ISSUE	MOD No	DATE

**Matrix**  
International

Brechin • Scotland • DD9 7EP

TEL: +44 (0) 1356 602000 FAX: +44 (0) 1356 602060  
EMAIL: sales@matrix-international.com

THIS DRAWING IS THE PROPERTY OF  
**MATRIX INTERNATIONAL LIMITED** AND IT MAY NOT  
BE COPIED OR USED FOR ANY PURPOSE EXCEPT  
DIRECTLY FOR THE COMPANY WITHOUT THEIR PRIOR  
WRITTEN CONSENT NOR IS IT TO BE SHOWN  
TO ANY THIRD PARTY.

THE FOLLOWING CONDITIONS APPLY UNLESS  
OTHERWISE STATED.

1. DIMENSIONS IN MILLIMETRES (mm).
2. UNTOLERANCED DIMENSIONS ARE NOMINAL DIMENSIONS.
3. ANGLES REFERENCE ONLY.
4. SHARP EDGES MACHINED 0.40 x 45° (OR EQUIVALENT RADII).

CHECKED  
MH | MX | SC | SC

DRAWN

TITLE:-  
**INSTALLATION DRAWING OF A SPRING  
APPLIED, ELECTROMAGNETICALLY  
RELEASED BRAKE**

SOLIDWORKS GENERATED  
A2

DRAWING NUMBER  
**1EB020-44**

ISSUE  
**7**