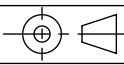


DO NOT SCALE



**DB3B DC SINGLE STAGE CONFIGURATION**

STAGE 1 +VE IN	1
STAGE 1 -VE IN	2
NOT USED	3
NOT USED	4
STAGE 1 +VE OUT	5
STAGE 1 -VE OUT	6
NOT USED	7
NOT USED	8

**DB3B DC DUAL STAGE REVERSE POLARITY CONFIGURATION**

STAGE 1 +VE IN/STAGE 2 -VE IN	1
STAGE 1 -VE IN/STAGE 2 +VE IN	2
NOT USED	3
NOT USED	4
STAGE 1 +VE OUT/STAGE 2 -VE OUT	5
STAGE 1 -VE OUT/STAGE 2 +VE OUT	6
NOT USED	7
NOT USED	8

**DB3B DC DUAL STAGE COMMON POSITIVE CONFIGURATION**

COMMON +VE IN	1
STAGE 1 -VE IN	2
NOT USED	3
STAGE 2 -VE IN	4
COMMON +VE OUT	5
STAGE 1 -VE OUT	6
NOT USED	7
STAGE 2 -VE OUT	8

**DB3B DC DUAL STAGE COMMON NEGATIVE CONFIGURATION**

STAGE 1 +VE IN	1
COMMON -VE IN	2
NOT USED	3
STAGE 2 +VE IN	4
STAGE 1+VE OUT	5
COMMON -VE OUT	6
NOT USED	7
STAGE 2 +VE OUT	8

**DB3B DC STANDARD WIRING (SHEET 1)**

GENERAL NOTES:

- 1/ THE EXD UNIT REQUIRES THAT THE GLAND BODY PROVIDES UNIT EARTHING. THE STUD PROVIDED ON THE ESA IS FOR LOOP-IN LOOP-OUT PURPOSES ONLY.
- 2/ R1 = EOL RESISTOR (WHERE FITTED). WHEN SPECIFIED, R1 IS SUPPLIED AS STANDARD CONNECTED TO TERMINALS 5 & 6 AS SHOWN. RE-POSITION EOL AS REQUIRED FOR OTHER CONFIGURATIONS.



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MACHINE SYMBOLS THUS

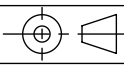
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APPROVED BY:	P.FISHWICK	DATE:	23/01/2015
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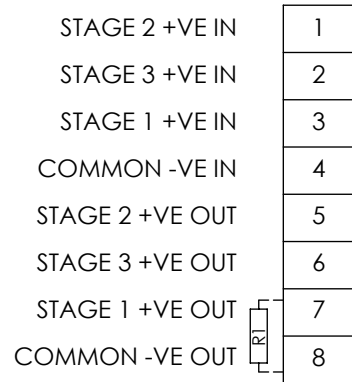
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DWG NO.	419-234
REVISION	A

SHT 1 OF 4

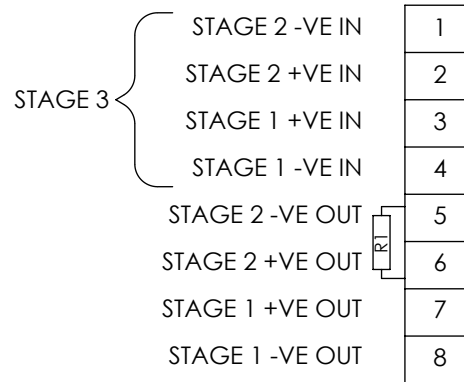
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**DB3B DC TRIPLE STAGE  
COMMON NEGATIVE CONFIGURATION**

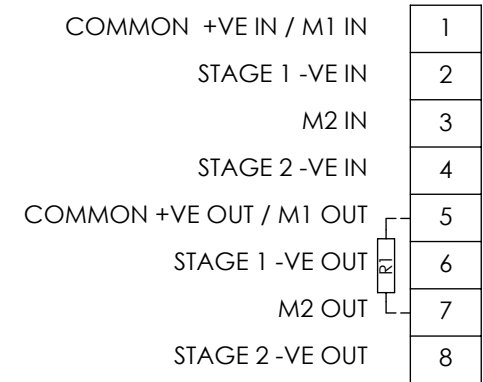


**DB3B DC DUAL STAGE  
INDEPENDANT CONFIGURATION  
WITH MONITORING**



STAGE 3 IS ACTIVATED BY APPLYING POWER TO STAGE 1 AND STAGE 2 TERMINALS AT THE SAME TIME  
MONITORING FUNCTIONALITY AVAILABLE AT ALL TIMES WHEN USED WITH A SUITABLE MONITORING RELAY

**DB3B DC DUAL STAGE  
COMMON POSITIVE CONFIGURATION  
WITH MONITORING**



MONITORING FUNCTIONALITY IS OBTAINED WHEN THE SUPPLY IS CONNECTED ACROSS M1 & M2.  
NOTE: MONITORED TERMINALS ARE NOT POLARITY DEPENDENT

**DB3B DC  
STANDARD  
WIRING (SHEET 2)**



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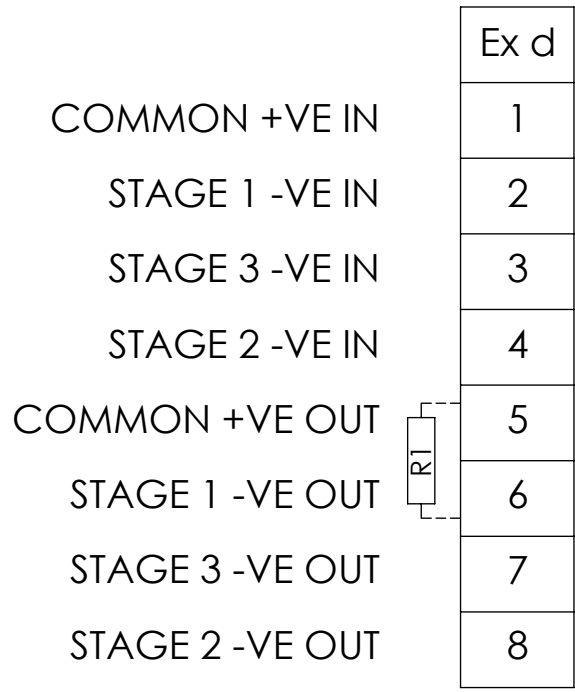
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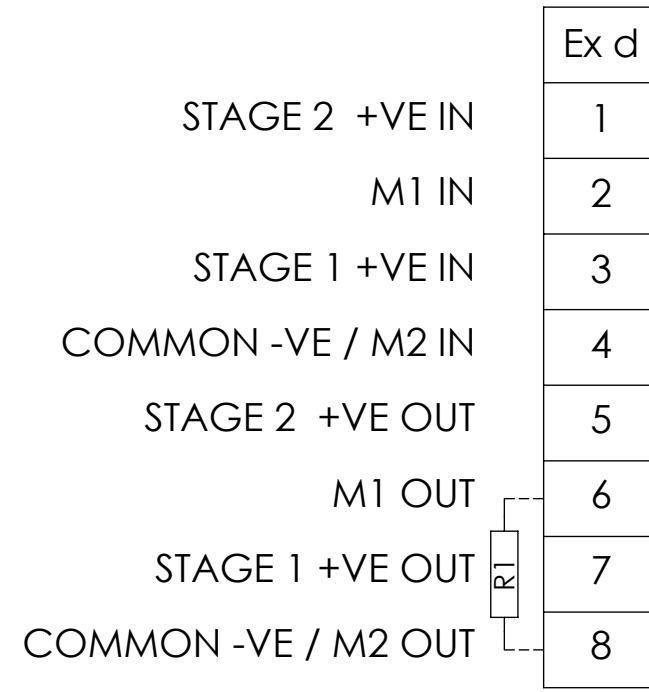
C

D

**DB3B DC TRIPLE STAGE  
COMMON POSITIVE CONFIGURATION**



**DB3B DC DUAL STAGE  
COMMON NEGATIVE CONFIGURATION  
WITH MONITORING**



DO NOT SCALE

MONITORING FUNCTIONALITY IS OBTAINED WHEN THE SUPPLY IS CONNECTED ACROSS M1 & M2.  
NOTE: MONITORED TERMINALS ARE NOT POLARITY DEPENDENT

**DB3B DC  
ALTERNATIVE CONFIGURATION  
WIRING**



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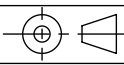
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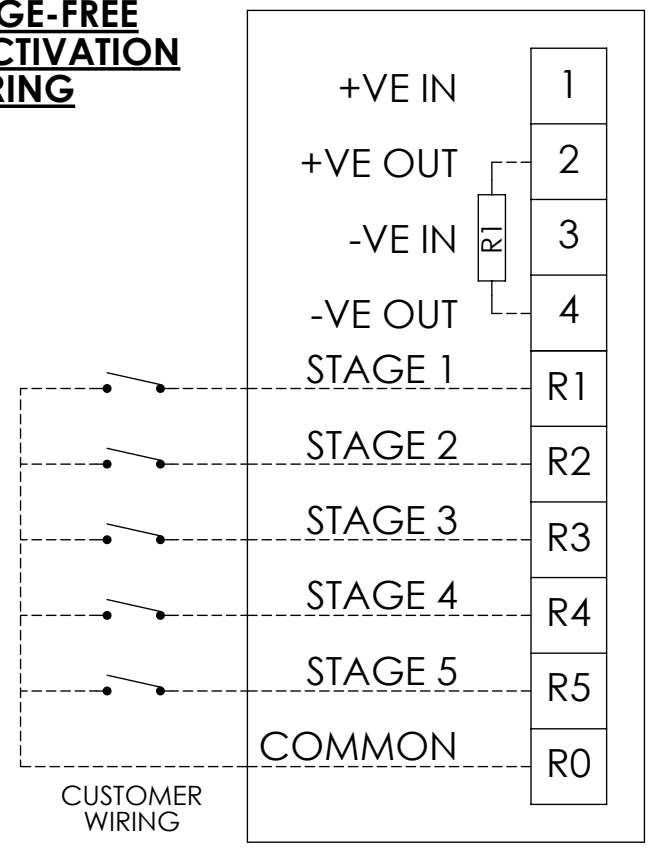
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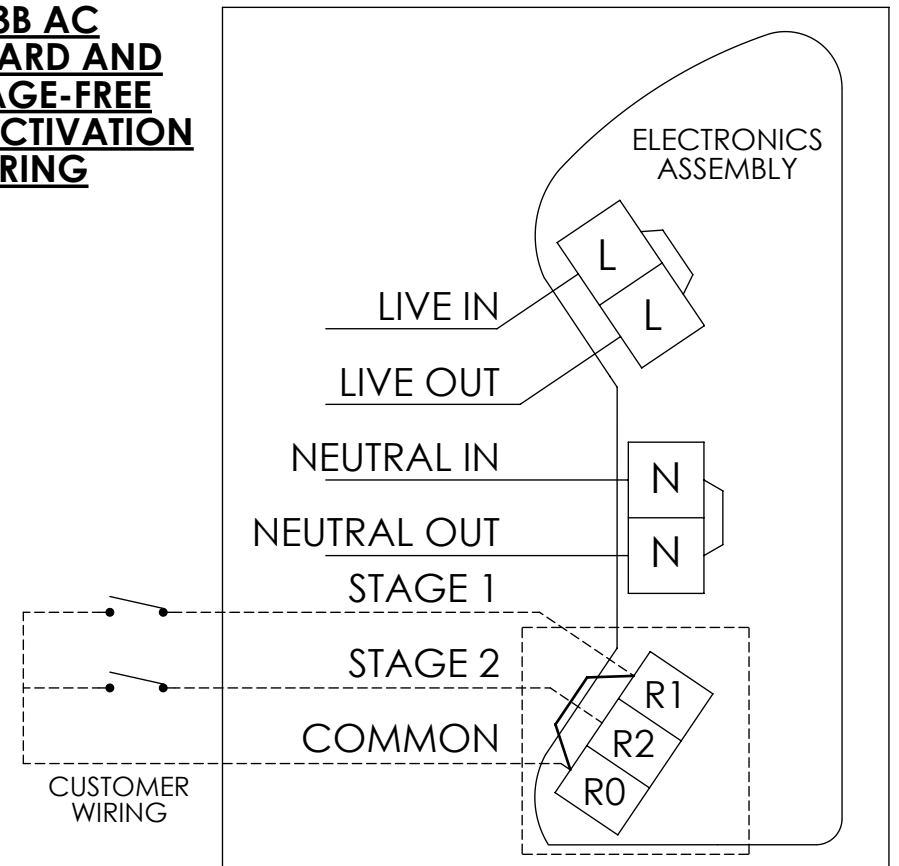


**DB3B DC  
VOLTAGE-FREE  
STAGE ACTIVATION  
WIRING**



DB3B ENCLOSURE

**DB3B AC  
STANDARD AND  
VOLTAGE-FREE  
STAGE ACTIVATION  
WIRING**



DB3B ENCLOSURE

NOTES:  
1/ R1 = EOL RESISTOR (WHERE FITTED). WHEN SPECIFIED, R1 IS SUPPLIED AS STANDARD CONNECTED AS SHOWN.



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