

J5 J9 J7:
USE PHOENIX
HEADER 1881529
CONNECTOR 1881406

P5
1881406

P9
1881406

P7
1881406

J8:
USE PHOENIX
HEADER 1881464
CONNECTOR 1881341

P8
1881341

How much current does
each relay need? IC
package has total current
limit of 2.5 A.

DF Relays 16.7ma x 8 = 133.6ma
350Vdc SSR 15ma x 7 = 105ma
48vdc SSR 12ma x 1 = 12ma

Pinout of new outputs?

P6
1658621-4
TE CONNECTIVITY

TEST POINTS

Scaling is 0.5 V / A

MOUNTING HOLES # 6 WITH WASHER

MT1 MT2 MT4 MT3

UNUSED

Rev C:
Connector change
Deletion of extra wire ways
Rev D:
?
Rev E:
Added U4 SR latch
Added input protection resistors
Rev F:
Changed drivers from source to sink.
Changed current sense input to 500 mV/A.
Added 8 more output channels.

Board dimensions to be the
same as Relay Board
VEN2016-003. With the same
mounting holes, these boards
will stack together.



Drawn by: P McGill, C Dawe, D Thompson

Title
TTL-24Vdc Level Shift LCB

Size
C

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Rev
H

Date: Thursday, September 05, 2019 Sheet 1 of 7