

ADE7758 CIRCUIT VOLTAGES

VOLTAGE INPUT SIDE

Voltages referenced to neutral

Phase B In

Phase A In

Phase C In

V

411

 V

1.78

 V

414

 V

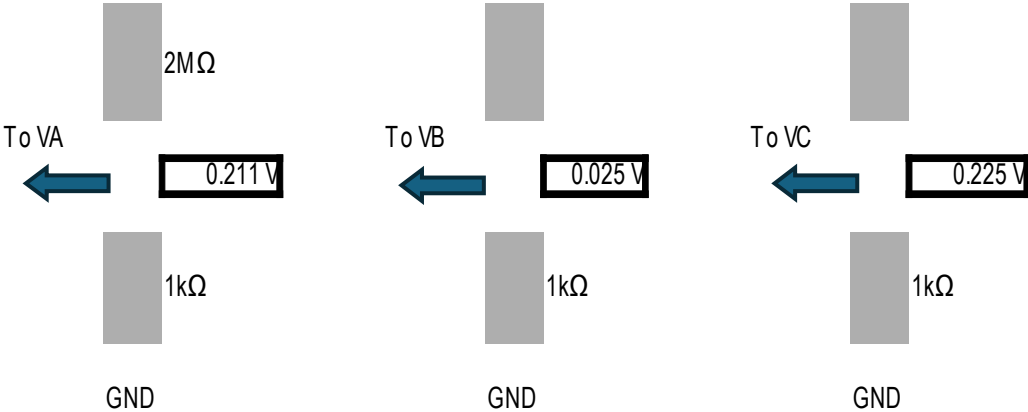
N

VA

VB

VC

Neutral linked to ground



CURRENT INPUT

Set up as per ADE7758 test circuit (CT variant)

IA In

0.031

 V

IB In

0.039

 V

IC In

0.039

 V

Not
connected

FLUKE METER VALUES

Fluke Energy meter values

V PHASE A
409.1

V PHASE B
408.2

V PHASE C
405.5

I PHASE A
5.4

I PHASE B
5.5

I PHASE C
5.01

KVA
3.78

Kvar
1.25

KW
3.68

POWER FACTOR
0.94

ADE 7758 SAMPLE VALUES

ON LOAD

VA	VB	VC	IA	IB	IC	VAR_A	VAR_B	VAR_C	VA_A	VA_B	VA_C
1048575	40959	1045298	40706	1023	49151	-49	0	15	127	0	127
1032191	40959	1048575	40959	1023	49151	-49	0	15	127	0	127

OFFLOAD

VA	VB	VC	IA	IB	IC	VAR_A	VAR_B	VAR_C	VA_A	VA_B	VA_C
1048575	40959	1048575	1946	1023	1023	1	0	0	3	0	3
1048575	40959	1048575	1642	920	1023	1	0	-1	3	0	3