

Notes:

- 1.) Wiring should be 75°C or higher insulated copper, with the appropriate voltage and current rating.
- 2.) Chassis ground must be connected to the ground of the premises wiring system, in accordance with NEC and local codes. Connection must be made using a wire conductor.
- 3.) Customer is responsible for branch circuit protection.
- 4.) Operating current transformers with the secondary winding open can result in a high voltage across the secondary terminals which may be dangerous to personnel or equipment.
- 5.) Current transformers should be centered around conductor.
- 6.) Load(s) have an integral 3% line reactance or equivalent dc bus choke to optimize Active Filter utilization, consult TCI for Active Filter capacity with less than 3%.
- 7.) CT's are customer installed, and external to the Active Filter.
- 8.) Available network interface depends on CM Module HMI option or enclosure type. Reference the HGA IDOM or HMI Schematic / Connection Diagram 28283-1

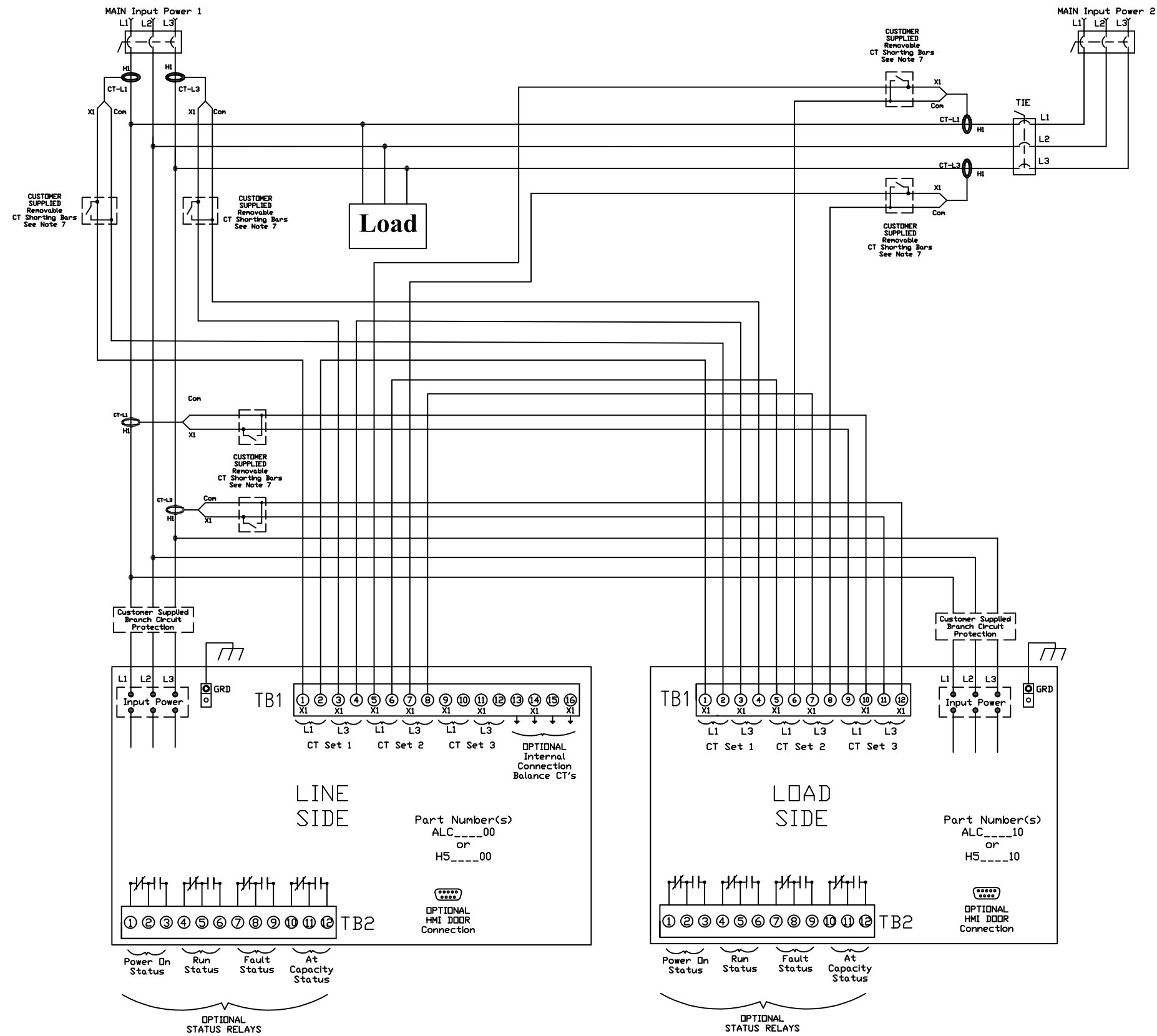
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A	5762 CT consistency	11/2/21	JSG	TOLERANCES (EXCEPT AS NOTED)
	NO	REVISION	DATE	DECIMAL
				.XX ± .03
				.XXX ± .010
				FRACTIONAL
				± 1/32
				ANGULAR
				± 1°

TCI® W132 N10611 Grant Drive
Germantown, WI 53022
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CCD, Active Filter, 50-700A
Main - Tie - Main

DRN. BY	MJS	DATE	4/13/14	DWG. NO.	29109
SCALE	1=1	SIZE	A	SHT.1 OF 2	



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NO	REVISION	DATE	BY
	see pg1 for revision		

TOLERANCES (EXCEPT AS NOTED)
DECIMAL
.XX ± .03
.XXX ± .010
FRACTIONAL
± 1/32
ANGULAR
± 1°

TCL® W132 N10611 Grant Drive
 Germantown, WI 53022
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 An Allied Motion Company

CCD, Active Filter, 50 - 700A
 LINE SIDE - LOAD SIDE

DRN. BY	MJS	DATE	4/13/14	DWG. NO.	29109
SCALE	1=1	SIZE	A	SHT. 2 OF 2	