

Modification		Module Number	MTL7000 equivalent	MTL7000 CSA Certificate Number	MTL700 equivalent	MTL700 CSA Certificate Number	Typical Application
		MTL7706+	MTL7106 MTL7206	LR36637-106 Rev LR36637-119	MTL706	LR36637-26 Rev LR36637-76	"Smart" 2-wire 4/20mA Tx
		MTL7707+	MTL7207+	1217343	MTL707+	LR36637-20 Rev LR36637-76	Switch I/P & O/P
		MTL7707P+	N/A	N/A	MTL707P+	LR36637-58 Rev LR36637-76	General Purpose
		MTL7710+ MTL7710-	Half of MTL7162+ MTL7162-	1217343	MTL710+ MTL710-	LR36637-14 Rev LR36637-76	4V & 6V Systems
		MTL7715+ MTL7715-	N/A	N/A	MTL715+ MTL715-	LR36637-14 Rev LR36637-76	12V Systems
		MTL7715P+ MTL7715P-	N/A	N/A	MTL715P+	LR36637-58 Rev LR36637-76	12V Systems
		MTL7722+ MTL7722-	MTL7122+ MTL7122-	1217343	MTL722+ MTL722-	LR36637-14 Rev LR36637-76	General Purpose
		MTL7728+ MTL7728-	MTL7028+ MTL7128+ MTL7028- MTL7128-	1153753	MTL728+ MTL728-	LR36637-14 Rev LR36637-76	Analogue or Digital
		MTL7728ac	N/A	N/A	MTL728ac	LR36637-14 Rev LR36637-76	General Purpose
		MTL7728P+ MTL7728P-	MTL7128P+ MTL7128P-	1217343	MTL728P+	LR36637-58 Rev LR36637-76	Analogue or Digital
		MTL7729P+ MTL7729P-	MTL7129P+ MTL7129P-	1217343	MTL729P+	LR36637-58 Rev LR36637-76	IIB USA
		MTL7741	N/A	N/A	N/A	N/A	N/A
		MTL7742	N/A	N/A	N/A	N/A	N/A
		MTL7743	N/A	N/A	N/A	N/A	N/A
		MTL7744	N/A	N/A	N/A	N/A	N/A
		MTL7745	N/A	N/A	N/A	N/A	N/A
		MTL7755ac	MTL7055ac	1153753	MTL755ac	LR36637-14 Rev LR36637-76	RTD, Grounded
		MTL7756ac	MTL7056ac	1217343	N/A	N/A	RTD, Isolated
		MTL7758+ MTL7758-	N/A	N/A	MTL758+ MTL758-	LR36637-28	Strain Gauges
		MTL7760ac	MTL7060ac MTL7160ac	1153753	MTL760ac	LR36637-14 Rev LR36637-76	Active sensors, Thermocouples
		MTL7761ac	MTL7261ac	1217343	MTL761ac	LR36637-14 Rev LR36637-76	Strain Gauges
		MTL7761Pac	MTL7061Pac MTL7161Pac	1153753	MTL761Pac	LR36637-58 Rev LR36637-76	Load Cell
		MTL7764+ MTL7764-	MTL7164+ MTL7164-	1217343	MTL764+ MTL764-	LR36637-14 Rev LR36637-76	High Resistance
		MTL7764ac	MTL7264ac	1217343	MTL764ac	LR36637-14 Rev LR36637-76	Strain / Level Gauges
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						Sheet	1 of 2
Title						Drg. No.	
Correlation between MTL7700 Barriers and MTL7000 and MTL700 Barriers						SCI-970	

SOLID EDGE

Master Contract: 152423  
Certificate: 1345550 (LR 36637)  
Project: 1345550  
Edition: 1  
Figure No: 2 (1 of 2)

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Module Number	MTL7000 equivalent	MTL7000 CSA Certificate Number	MTL700 equivalent	MTL700 CSA Certificate Number	Typical Application
MTL7765ac	MTL7265ac	1217343	MTL765ac	{ LR36637-14 Rev LR36637-76	General Purpose
MTL7766ac	N/A	N/A	MTL766ac	{ LR36637-14 Rev LR36637-76	Strain Gauges
MTL7766Pac	MTL7066Pac MTL7166Pac	1153753	MTL766Pac	{ LR36637-58 Rev LR36637-76	Strain Gauges
MTL7767+ MTL7767-	MTL7167+ MTL7167-	1217343	MTL767+ MTL767-	{ LR36637-14 Rev LR36637-76	Dual 715
MTL7778ac	MTL7278ac	1217343	MTL778ac	{ LR36637-14 Rev LR36637-76	Two-wire system
MTL7779+ MTL7779-	N/A	N/A	MTL779+ MTL779-	{ LR36637-14 Rev LR36637-76	Dual 728
MTL7787+ MTL7787-	MTL7087+ MTL7187+ MTL7087- MTL7187-	1153753	MTL787S+	{ LR36637-20 Rev LR36637-76	Analogue or Digital
MTL7787P+ MTL7787P-	MTL7087P+ MTL7187P+	1217343	MTL787SP+	{ LR36637-58 Rev LR36637-76	Analogue or Digital
MTL7788+ MTL7788-	N/A	N/A	MTL788+ MTL788-	{ LR36637-14 Rev LR36637-76	Transmitters
MTL7788R+ MTL7788R-	N/A	N/A	MTL788R+ MTL788R-	{ LR36637-14 Rev LR36637-76	1-5V systems
MTL7789+ MTL7789-	2 OFF MTL7087+ MTL7187+ MTL7087- MTL7187-	1153753	2 OFF MTL787S+	{ LR36637-20 Rev LR36637-76	Analogue or Digital
MTL7796+ MTL7796-	MTL7096- MTL7196-	1153753	MTL796+ MTL796-	{ LR36637-14 Rev LR36637-76	Gas Metering

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Sheet 2 of 2

Title Correlation between MTL7700 Barriers and MTL7000 and MTL700 Barriers

Drg. No. SCI-970

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Master Contract: 152423  
Certificate: 1345550 (LR 36637)  
Project: 1345550  
Edition: 1  
Figure No: 2 (2 of 2)