

Certificate of Compliance

Certificate: 1567156 (LR 77709-9)

Master Contract: 155195

Project: 1567156

Date Issued: June 25, 2004

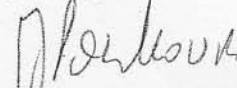
Issued to: ABB Control Inc.
1206 Hatton Road
Wichita Falls, TX 76302
USA

Attention: Mr. Jim Byrne

The products listed below are eligible to bear the CSA Mark shown



Issued by: Jim Rusnak



Authorized by: Janusz Pankowski

Certification Services Manager

PRODUCTS

CLASS 2252 01 - PROCESS CONTROL EQUIPMENT

Programmable controllers, open type, series Advant Controller 31, basic unit Models 07 KR 91, 07 KT 92, 07 KT 93, 07 KT 93-S, 07 KT 94, 07 KT 95, 07 KT 96, 07 KT 97. Communications module, Model 07 KP 90, 07 KP 92, 07 KP 93, 07 KP 94 or 07 MK 92; Model 07 KP 95 or 07 TC 91 for use with 07 KR 91, 07 KT 92, 07 KT 93, 07 KT 94, 07 KT 95, 07 KT 96, 07 KT 97 or 07 KT 98. Analog input modules, Model 07 AI 91 or 07 AI 90-S. Digital input/output modules, Model 07 DC 91, 07 DC 92. Digital input modules, Model 97 DI 92, 07 DI 90-S. Analog input/output module, Model 07 AC 91. Digital output module, Model 07 DO 90-S.

Ratings:

Model Number	Input Ratings				Output Ratings		
	Voltage V	Current A	Current A Analog	Voltage Vdc digital	Voltage V	Current A	Current A Analog
07 KR 91	115/230, 50/60Hz				24V dc		
					115/230V ac, 220V dc	2A pilot duty, 0.2A	

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07 KR 91	24V dc	20VA			24V dc		
					115/230V ac, 220V dc	2A pilot duty, 0.2A	
07 KT 92	24V dc	20W	20mA		24V dc	500mA/12VA	20mA
07 KT 93 07KT 93-S	24V dc	20W		24V dc	24Vdc	250mA/6VA	
07 KT 94-98	24V	20W	20mA	7mA	24V dc	500mA	20mA
07 KP 90 07 KP 92-94 07 MK 92	24V dc	2.5W					
07 AI 91	24V dc	3W	20mA				
07 DC 91	24V dc	150mA		24V dc	24V dc	500mA	
07 DC 92	24V dc	150mA		7mA	24V dc	500mA	
07 DI 92	24V dc	150mA		7mA			
07 TC 91	24V dc	600mA			24V dc	500mA	
07 AC 91	24V dc	200mA	20mA		24V dc		20mA
07 DI 90-S	24V dc	3W		24V dc			
07 DO 90-S	24V dc	4.2A			24V dc	500mA	
07 AI 90-S	24V dc	4W	20mA				
07 KP 95	Communications module for use with 07 KR 91, 07 kt 92, 07 kt 93, 07 kt 94, 07 kt 95, 07 kt 96 OR 07 kt 97. Rated 24V dc, 230mA						

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 142-M1987 - Process Control Equipment