

TECHNICAL BRIEF

Genius Modular Redundancy Approved Components List

The following components have been approved by TUV for use in Genius Modular Redundancy systems. The last Catalog Number suffix shown for each Component is the most currently-approved version. The previous Catalog Number suffixes shown correspond to earlier TUV certificates and approvals. The Latest Firmware Revision for a Component is listed beside the corresponding Catalog Number revision.

Component	Catalog Numbers	Latest Firmware Revision
Series 90-70 PLC Rack, 9 Slot, Rear Mounted	IC697CHS790D IC697CHS790E IC697CHS790F IC697CHS790G	N/A
Series 90-70 PLC Rack, 9 Slot, Front Mounted	IC697CHS791G	N/A
Series 90-70 PLC Rack, 5 Slot, Rear Mounted	IC697CHS750E	N/A
Series 90-70 PLC Duplex Integrator Rack (BRE), Rear Mount	IC697CHS770C	N/A
Series 90-70 PLC Duplex Integrator Rack (BRE), Front Mount	IC697CHS771C	N/A
Series 90-70 Power Supply Module, 120/240Vac, 100 Watts	IC697PWR711CX IC697PWR711G IC697PWR711H IC697PWR711J	N/A
Series 90-70 Power Supply Module, 24/48Vdc, 90 Watts	IC697PWR724D IC697PWR724E	N/A
Series 90-70 PLC CPU	IC697CPU788-DA IC697CPU788-EA IC697CPU788-FA	5.01
Series 90-70 PLC CPU	IC697CPU789-DA IC697CPU789-EA IC697CPU789-FA	5.01
Series 90-70 CPU Memory Expansion	IC697MEM735D IC697MEM735E IC697MEM735F	N/A
Series 90-70 PLC CPU	IC697CPM790-BB IC697CPM790-CB IC697CPM790-CC	6.03
Series 90-70 Bus Expansion Receiver Module	IC697BEM711J IC697BEM711K IC697BEM711L IC697BEM711M	N/A
Series 90-70 Bus Expansion Transmitter Module	IC697BEM713F IC697BEM713G IC697BEM713H	N/A
Series 90-70 Genius Bus Controller Module	IC697BEM731N IC697BEM731P IC697BEM731R IC697BEM731S IC697BEM731T IC697BEM731U IC697BEM731V IC697BEM731W	5.6/4.8

Component	Catalog Numbers	Latest Firmware Revision
Genius 16 PT DC Source Block (IC660BBD020 consists of IC660EBD020M or later and IC660TSD020K or later)	IC660BBD020M IC660BBD020N IC660BBD020P IC660BBD020R IC660BBD020S IC660BBD020T IC660BBD020U	4.3
Genius 16 PT DC Source Block (IC660BRD020 consists of IC660ERD020A or later and IC660TRD020A or later)	IC660BRD020A	4.3
Genius 16 PT DC Sink Block (IC660BBD021 consists of IC660EBD021M or later and IC660TSD021K or later)	IC660BBD021M IC660BBD021N IC660BBD021P IC660BBD021R IC660BBD021S IC660BBD021T IC660BBD021U	4.3
Genius 32 PT DC Source Block (24V version) (IC660BBD024 consists of IC660EBD024N or later and IC660TBD024K or later)	IC660BBD024N IC660BBD024P IC660BBD024R IC660BBD024S IC660BBD024T IC660BBD024U IC660BBD024V	4.2
Genius 32 PT DC Source Block (24V version) (IC660BRD024 consists of IC660ERD024A or later and IC660TBD024K or later)	IC660BRD024A	4.2
Genius 32 PT DC Sink Block (IC660BBD025 consists of IC660EBD025N or later and IC660TBD025K or later)	IC660BBD025N IC660BBD025P IC660BBD025R IC660BBD025S IC660BBD025T IC660BBD025U	4.2
Genius 32 PT DC Source Block (24V version) (IC660BRD025 consists of IC660ERD025A or later and IC660TBD025K or later)	IC660BRD025A	4.2
Genius 31 PT DC Source Block (48V version) (IC660BBD040 consists of IC660EBD0040A or later and IC660TBD040A or later)	IC660BBD040A	4.2
Genius RTD Block (IC660BBA021 consists of IC660EBA021K or later and IC660TBA021K or later)	IC660BBA021K IC660BBA021L IC660BBA021M	1.1

Genius Thermocouple Block (IC660BBA023 consists of IC660EBA023K or later and IC660TBA023K or later)	IC660BBA023K IC660BBA023L IC660BBA023M IC660BBA023N IC660BBA023PCA1	1.4
Genius Current-source Analog Block (IC660BBA024 consists of IC660EBA024K or later and IC660TBA024K or later)	IC660BBA024K IC660BBA024L IC660BBA024M	1.8
Genius DC Current-source Analog Block (IC660BBA026 consists of IC660EBA026K or later and IC660TBA026K or later)	IC660BBA026K IC660BBA026L IC660BBA026M	1.2

Component	Catalog Numbers	Latest Firmware Revision
Genius AC Current-source Analog Block (IC660BBA106 consists of IC660EBA106K or later and IC660TBA106K or later)	IC660BBA106K IC660BBA106L IC660BBA106M	1.2
Silvertch Termination Board, discrete inputs, source, 16 pt	GBC1-SC-DI16	N/A
Silvertch Termination Board, discrete inputs, source, 32 pt	GBC1-SC-DI32	
Silvertch Termination Board, discrete outputs, source or sink, 16 pts	GBC1-CK-DO16	
Silvertch Termination Board, discrete outputs, sink, 32 pts	GBC1-SK-DO32	
Silvertch Termination Board, discrete outputs, source, 32 pts	GBC1-SC-DO32	
Silvertch Termination Board, analog inputs, 6 pts	GBC1-CK-AI6	
Silvertch Interface Module, discrete inputs, source, 16 pts	IMC3-SC-DI16	
Silvertch Interface Module, discrete inputs, source, 32 pts	IMC3-SC-DI32	
Silvertch Interface Module, discrete outputs, 16 pts	IMC4-CK-DO16	
Silvertch Interface Module, discrete outputs, 32 pts	IMC4-CK-DO32	
Silvertch Interface Module, analog inputs, 6 pts	IMC3-CK-AI6	N/A
Logicmaster 90-70 Software, WSI	IC641SWP701R IC641SWP701S IC641SWP701T IC641SWP701U	7.02
Logicmaster 90-70 Software, Serial	IC641SWP706H IC641SWP706J IC641SWP706L IC641SWP706M	7.02
Logicmaster 90-70 Software, TCP/IP with NT/95 Drivers	IC641SWP716C IC641SWP716D	7.05
Genius Phase III Modular Redundancy Configuration Software Genius Phase III Modular Redundancy Application Software	IC641SWP715E	7.01 3.10
GMR Phase IV Configuration Software GMR Phase IV Application Software	IC641SWP745A IC641SWP745B	8.05A/4.02C 8.06/4.03
Genius Modular Redundancy User's Manual	GFK-1277C GFK-1277D	N/A

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