

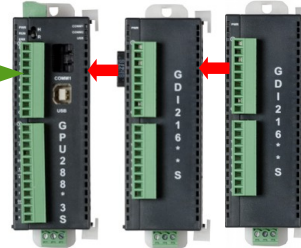
T1-40S PLC Migration To V200 Series PLC

T1 40S PLC
(TDR140S6S)



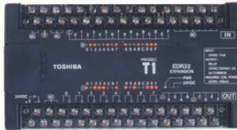
24 Inputs 24 Vdc
14 Outputs Relay
2 Outputs Transistor

V200, CPU + [GDI216**S](#) &
[GRO216**S](#) I/O Modules

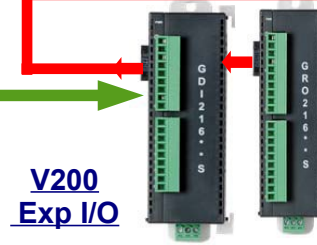


24 Inputs 24 Vdc
24 Outputs Relay
2 Outputs Transistor

T1 40E PLC Expansion



24 Inputs 24 Vdc
16 Outputs Relay



24 Inputs 24 Vdc
16 Outputs Relay

	T1 Series	V200 Series
Cable de programación	De Serie	De periférico USB
Software (de programación)	T-PDS	¹ OIL-DS
Instrucciones	T-Series	T-Series
Velocidad (de Ejecución)	Contacto-4µs Bobina-2.3 µs Agrega-6.5 µs	Contacto-1 µs Bobina-1.1 µs Agrega-3.3 µs
Protocolo de comunicación	Toshiba ASCII ASD Limite	² Modbus Master/RTU ASD Todo
Factor de Forma	Ladrillo con enganchado a presión Módulos	Módulos w/ enganchado a presión Módulos
Requisitos de fuente de Alimentación	120 Vac	24 Vdc
Consumo Eléctrico	≤ 45 VA	≤ ³ 8 VA
Homologaciones	CE, cUL	CE, cUL
Peso	500 g	180 g

Was an Inexpensive OIS used with the T1-40?



Replace with



OIS12



OIS40 PLUS



Notes:

1. The T-PDS software and the OIL-DS software are very similar. Both use the T-Series instruction set.
2. A Modbus Ethernet TCP/IP CPU module is also available ([GPU200*3S](#)).
3. I/O modules also require a 24 Vdc power source.
4. T1-16S PLCs also migrate to the [V200](#) Series.

Instruction Set

Like the T1 Series, Toshiba's V200 Series PLCs are small type controllers suitable for both simple relay replacement and complex control applications. The instruction set includes:

Double Length Math	◆ Indirect Addressing	◆ PID
◆ Floating Point Math	◆ For-Next Loops	◆ Comparisons
◆ Filters, Avgs, & Limits	◆ Subroutine Call	◆ Step Sequencer
◆ Conv; Hex↔Bin↔ASCII	◆ Logic Operations	◆ Interrupt Enable
◆ Function Generator	◆ Jump	◆ Log/AntiLog

PLC Order Numbers

TIC_NO	DESCRIPTION
	CPUs
GPU288*3S	V200 CPU, 8 Inputs 24 Vdc, 2 Outputs 24 Vdc Transistor, 6 Outputs Relay, Requires 24 Vdc PS.
GPU200*3S	V200 CPU, Ethernet & USB Port, Requires 24 Vdc PS.
	I/O Modules
GDI216**S	16 Inputs, 24 Vdc, 8p/com, sink/source
GDR288**S	8 Inputs, 24 Vdc. 4p/com, 8 Outputs Relay, 4p/com
GDD288P*S	8 Inputs, 24 Vdc. 4p/com, 8 Outputs PNP, 4p/com
GDD288*S	8 Inputs, 24 Vdc. 4p/com, 8 Outputs NPN, 4p/com
GRO216**S	16 Outputs Relay, 8p/com
GDO216P*S	16 Outputs, 24 Vdc Transistor, 8p/com, PNP
GDO216*S	16 Outputs, 24 Vdc Transistor, 8p/com, NPN
	Analog Modules
GAD208L*S	8 Analog Inputs, 4-20 mA, 0-10 Vdc (12 bit)
GAA242**S	4 Analog Selectable Inputs, 4-20 ma, 0-10 Vdc, 0-50/100 mV, RTD, TC 2 Analog Outputs, 4-20 mA, 0-10 Vdc.
GDA204**S	4 Analog Outputs, 4-20 ma, 0-10 Vdc.

Notes: 1. More analog and communications modules under development.
2. See OIS PLUS flyer for OIS PLUS part numbers.

PLCs ADJUSTABLE SPEED DRIVES MOTORS CONTROLS UPS INSTRUMENTATION

TOSHIBA

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