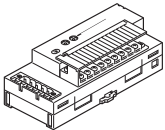
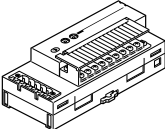
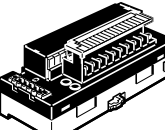
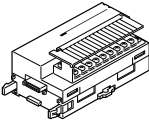
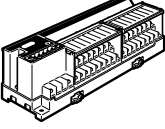


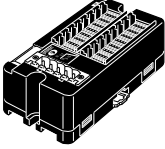
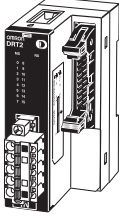
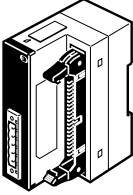
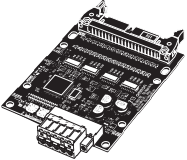
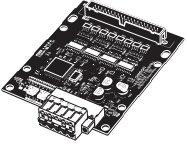
1-2 DRT2 Slaves

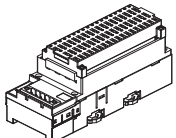
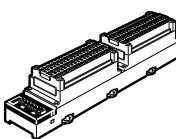
The DRT2-series Smart Slaves are classified into the following categories.

- General-purpose Slaves
Slaves with digital I/O functions using standard connectors for communications cables.
- Environment-resistive Slaves
Slaves with I/O functions using round waterproof connectors for communications cables.
- Analog Slaves
Slaves with analog I/O functions using standard connectors for communications cables.

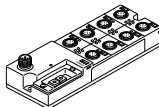
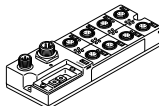
1-2-1 General-purpose Slaves

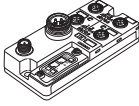
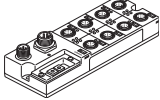
	Name	Appearance	I/O points	Model number	Remarks
Remote I/O Terminals	Remote I/O Terminals with Transistors		8 input points (NPN)	DRT2-ID08	Terminal block mounted/removed using screws.
			8 input points (PNP)	DRT2-ID08-1	
			8 output points (NPN)	DRT2-OD08	
			8 output points (PNP)	DRT2-OD08-1	
			16 input points (NPN)	DRT2-ID16	
			16 input points (PNP)	DRT2-ID16-1	
			16 output points (NPN)	DRT2-OD16	
			16 output points (PNP)	DRT2-OD16-1	
			8 input points/8 output points (NPN)	DRT2-MD16	
			8 input points/8 output points (PNP)	DRT2-MD16-1	
	Remote I/O Terminal with Relay Outputs		16 output points	DRT2-ROS16	Relay outputs
	Remote I/O Terminal Expansion Units with Transistors		16 input points (NPN)	XWT-ID16	Expansion Unit for increasing inputs or outputs of the Basic Unit.
			16 input points (PNP)	XWT-ID16-1	
			16 output points (NPN)	XWT-OD16	
			16 output points (PNP)	XWT-OD16-1	
			8 input points (NPN)	XWT-ID08	
			8 input points (PNP)	XWT-ID08-1	
			8 output points (NPN)	XWT-OD08	
			8 output points (PNP)	XWT-OD08-1	
	Remote I/O Terminals with 3-tier Terminal Blocks and Transistors		16 input points (NPN)	DRT2-ID16TA	Wiring locations easy to find (wiring to the same terminal not required). Cannot be expanded with an Expansion Unit.
			16 input points (PNP)	DRT2-ID16TA-1	
			16 output points (NPN)	DRT2-OD16TA	
			16 output points (PNP)	DRT2-OD16TA-1	
			8 input points/8 output points (NPN)	DRT2-MD16TA	
			8 input points/8 output points (PNP)	DRT2-MD16TA-1	

	Name	Appearance	I/O points	Model number	Remarks
Connector Terminals	Sensor Connector Terminals with Transistors		16 input points (NPN)	DRT2-ID16S	Use industry standard sensor connectors.
			16 input points (PNP)	DRT2-ID16S-1	
			8 input points/8 output points (NPN)	DRT2-MD16S	
			8 input points/8 output points (PNP)	DRT2-MD16S-1	
	MIL Connector Terminals with Transistors		16 input points (NPN)	DRT2-ID16ML	Connects to relay terminal using MIL cable.
			16 input points (PNP)	DRT2-ID16ML-1	
			16 output points (NPN)	DRT2-OD16ML	
			16 output points (PNP)	DRT2-OD16ML-1	
			16 input points (NPN)	DRT2-ID16MLX	A connecting cable (10 cm) is included.
			16 input points (PNP)	DRT2-ID16MLX-1	
			16 output points (NPN)	DRT2-OD16MLX	
			16 output points (PNP)	DRT2-OD16MLX-1	
			32 input points (NPN)	DRT2-ID32ML	Connects to relay terminal using MIL cable.
			32 input points (PNP)	DRT2-ID32ML-1	
			32 output points (NPN)	DRT2-OD32ML	
			32 output points (PNP)	DRT2-OD32ML-1	
			16 input points/16 output points (NPN)	DRT2-MD32ML	
			16 input points/16 output points (PNP)	DRT2-MD32ML-1	
Connector Terminals	Board MIL Connector Terminals with Transistors		32 input points (NPN)	DRT2-ID32B	MIL connectors mounted parallel to board
			32 input points (PNP)	DRT2-ID32B-1	
			32 output points (NPN)	DRT2-OD32B	
			32 output points (PNP)	DRT2-OD32B-1	
			16 input points/16 output points (NPN)	DRT2-MD32B	
			16 input points/16 output points (PNP)	DRT2-MD32B-1	
			32 input points (NPN)	DRT2-ID32BV	MIL connectors mounted perpendicular to board
			32 input points (PNP)	DRT2-ID32BV-1	
			32 output points (NPN)	DRT2-OD32BV	
			32 output points (PNP)	DRT2-OD32BV-1	
			16 input points/16 output points (NPN)	DRT2-MD32BV	
			16 input points/16 output points (PNP)	DRT2-MD32BV-1	

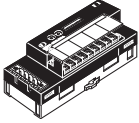
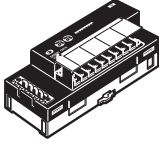
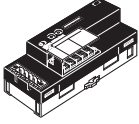
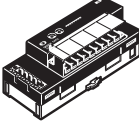
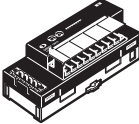
	Name	Appearance	I/O points	Model number	Remarks
Screw-less Clamp Terminals	Screw-less Clamp Terminal with Transistors		16 input points (NPN)	DRT2-ID16SL	Without detection function
			16 input points (PNP)	DRT2-ID16SL-1	
			16 output points (NPN)	DRT2-OD16SL	
			16 output points (PNP)	DRT2-OD16SL-1	
			16 input points (NPN)	DRT2-ID16SLH	With detection function
			16 input points (PNP)	DRT2-ID16SLH-1	
			16 output points (NPN)	DRT2-OD16SLH	
			16 output points (PNP)	DRT2-OD16SLH-1	
			32 input points (NPN)	DRT2-ID32SL	Without detection function
			32 input points (PNP)	DRT2-ID32SL-1	
			32 output points (NPN)	DRT2-OD32SL	
			32 output points (PNP)	DRT2-OD32SL-1	
			16 input points/16 output points (NPN)	DRT2-MD32SL	With detection function
			16 input points/16 output points (PNP)	DRT2-MD32SL-1	
			32 input points (NPN)	DRT2-ID32SLH	
			32 input points (PNP)	DRT2-ID32SLH-1	
			32 output points (NPN)	DRT2-OD32SLH	
			32 output points (PNP)	DRT2-OD32SLH-1	
			16 input points/16 output points (NPN)	DRT2-MD32SLH	
			16 input points/16 output points (PNP)	DRT2-MD32SLH-1	

1-2-2 Environment-resistive Slaves

Name	Appearance	I/O points	Model number	Remarks
Environment-resistive Terminals, Advanced Models		8 input points (NPN)	DRT2-ID08C	Waterproof, oil-proof, and spatter-proof construction (IP67). Equipped with detection functions.
		8 input points (PNP)	DRT2-ID08C-1	
		16 input points (NPN)	DRT2-HD16C	
		16 input points (PNP)	DRT2-HD16C-1	
		8 output points (NPN)	DRT2-OD08C	
		8 output points (PNP)	DRT2-OD08C-1	

Name	Appearance	I/O points	Model number	Remarks
Environment-resis- tive Terminals, Stan- dard Models		4 input points (NPN)	DRT2-ID04CL	Waterproof, oil-proof, and spatter-proof construction (IP67). Not equipped with detection functions.
		4 input points (PNP)	DRT2-ID04CL-1	
		4 output points (NPN)	DRT2-OD04CL	
		4 output points (PNP)	DRT2-OD04CL-1	
		8 input points (NPN)	DRT2-ID08CL	
		8 input points (PNP)	DRT2-ID08CL-1	
		16 input points (NPN)	DRT2-HD16CL	
		16 input points (PNP)	DRT2-HD16CL-1	
		8 output points (NPN)	DRT2-OD08CL	
		8 output points (PNP)	DRT2-OD08CL-1	
		16 output points (NPN)	DRT2-WD16CL	
		16 output points (PNP)	DRT2-WD16CL-1	
		8 input points/8 output points (NPN)	DRT2-MD16CL	
		8 input points/8 output points (PNP)	DRT2-MD16CL-1	

1-2-3 Analog Slaves

Name	Appearance	I/O points	Model number	Remarks
Analog Terminals		4 input points (0 to 5 V, 1 to 5 V, 0 to 10 V, -10 to 10 V, 0 to 20 mA, 4 to 20 mA)	DRT2-AD04	Terminal block mounted/ removed using screws. The DRT2-AD04H is a High- resolution Terminal (1/30,000 FS).
		4 input points (0 to 5 V, 1 to 5 V, 0 to 10 V, 0 to 20 mA, 4 to 20 mA)	DRT2-AD04H	
		2 output points (0 to 5 V, 1 to 5 V, 0 to 10 V, -10 to 10 V, 0 to 20 mA, 4 to 20 mA)	DRT2-DA02	
Temperature Input Terminals		4 input points (Switchable between R, S, K1, K2, J1, J1, T, E, B, N, L1, L2, U, W, and PLII.)	DRT2-TS04T	Thermocouple input
		4 input points (Switchable between PT, JPT, PT2, and JPT2.)	DRT2-TS04P	Platinum resistance ther- mometer input