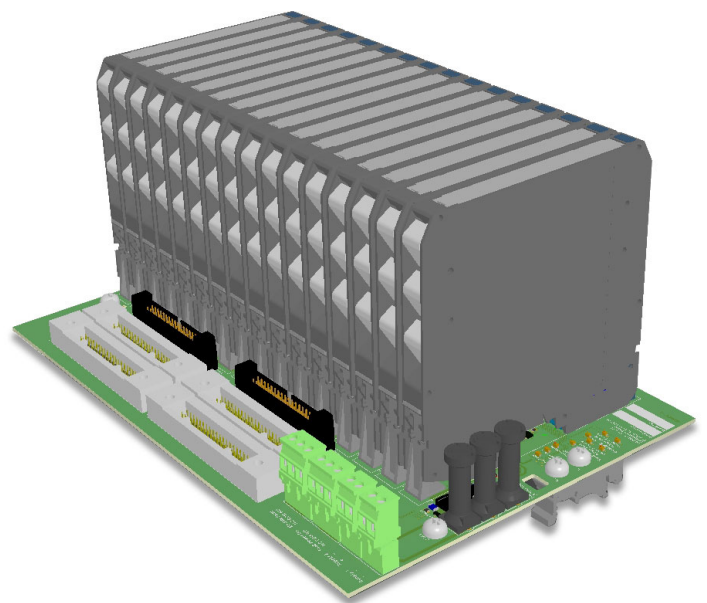




# CUSTOMIZED TERMINATION BOARDS D5000 AND D6000 SERIES

**YOKOGAWA  
Prosafe RS  
Centum VP**



*Boards*

# Yokogawa Prosafe RS, Centum VP

## INTRODUCTION

These Termination Boards (TB) provide direct connection between the I/O Card of the system and D5000 / D5200 / D6000 Series modules. Intrinsically Safe protection and signal isolation between Safe and Hazardous Area are provided by D5000 Series Associated Apparatus. 24 Vdc Power Supply of the TB is connected to two plug-in terminal blocks, for a redundant power supply. Modules are supplied via TB power bus. Power supplies fault can be monitored via dedicated Relays. Spare fuses mounted on board. Each TB is provided with one universal mounting kit TB-OPT-001 for wall and DIN-Rail mounting.

## MODEL LIST AND APPLICATIONS

### PROSAFE RS

#### D5000 / D5200 SERIES

Application	I/O Cards	Card Ch.	TB Model	TB Pos.	GM Modules	Card Q.ty	Notes
Analog Input	SAI143	16	TB-D5016-YOK-006	16	D5011S, D5014S, D5072S	1+(1)*	CABF038
					D5011D, D5014D, D5072D	2+(2)*	
Analog Output	SAI533	8	TB-D5008-YOK-002	8	D5020S	1+(1)*	CABF038
Digital Input	SDV144	16	TB-D5016-YOK-008	16	D5031S, D5032S, D5037S, D5093S	1+(1)*	CABF039
					D5031D, D5032D, D5037D, D5093D	2+(2)*	
Digital Output	SDV531	8	TB-D5008-YOK-001	8	D5040S, D5048S, D5049S, D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S	1+(1)*	CABF039
	SDV541	16	TB-D5016-YOK-008	16	D5040S, D5048S, D5049S, D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S	1+(1)*	CABF039
			TB-D5216-YOK-001	16	D5290S, D5290S/SA, D5290S-078, D5291S, D5293S, D5294S, D5295S	1+(1)*	

#### D6000 SERIES

Application	I/O Cards	Card Ch.	TB Model	TB Pos.	GM Modules	Card Q.ty	Notes
Analog Input	SAI143	16	TB-D5016-YOK-006	16	D6011S, D6014S, D6072S	1+(1)*	CABF038
					D6011D, D6014D, D6072D	2+(2)*	
Analog Output	SAI533	8	TB-D5008-YOK-002	8	D6020S	1+(1)*	CABF038
Digital Input	SDV144	16	TB-D5016-YOK-008	16	D6031S, D6032S, D6037S	1+(1)*	CABF039
					D6031D, D6032D, D6037D	2+(2)*	

\* With possibility of I/O card redundancy

**CENTUM VP**

**D5000 SERIES**

Application	I/O Cards	Card Ch.	TB Model	TB Pos.	GM Modules	Card Q.ty	Notes
Analog Input	AAI141 AAI143	16	TB-D5016-YOK-001	16	D5011S, D5014S, D5072S	1+(1)*	CABF038
					D5011D, D5014D, D5072D	2+(2)*	
	AAV141	16	TB-D5016-YOK-011	16	D5011S, D5014S, D5072S	1+(1)*	
					D5011D, D5014D, D5072D	2+(2)*	
Analog Output	AAI543	16	TB-D5016-YOK-002	16	D5020S	1+(1)*	CABF038
					D5020D	2+(2)*	
Analog Input + Analog Output	AAI841	16	TB-D5016-YOK-010	8AI + 8AO	D5011S, D5014S, D5072S + D5020S	1 (+1)*	CABF038
					D5011D, D5014D, D5072D + D5020D	2+(2)*	
Digital Input	ADV151	32	TB-D5016-YOK-004	16+16	D5031S, D5032S, D5037S, D5093S	1+(1)*	CABF039
			TB-D5016-YOK-003	16	D5031D, D5032D, D5037D, D5093D	1+(1)*	CABF039
	ADV161	64	TB-D5016-YOK-004	16+16	D5031S, D5032S, D5037S, D5093S	½+(½)*	CABF039
			TB-D5016-YOK-003	16	D5031D, D5032D, D5037D, D5093D	½+(½)*	CABF039
Digital Output	ADV551	32	TB-D5016-YOK-005	16+16	D5040S, D5048S, D5049S D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S	1+(1)*	CABF039
			TB-D5016-YOK-009	16	D5040D, D5098D	1+(1)*	CABF039
	ADV561	64	TB-D5016-YOK-005	16+16	D5040S, D5048S, D5049S D5090S, D5091S, D5094S, D5095S, D5096S, D5097S, D5098S	½+(½)*	CABF039
			TB-D5016-YOK-009	16	D5040D, D5098D	½+(½)*	CABF039

**D6000 SERIES**

Application	I/O Cards	Card Ch.	TB Model	TB Pos.	GM Modules	Card Q.ty	Notes
Analog Input	AAI141 AAI143	16	TB-D5016-YOK-001	16	D6011S, D6014S, D6072S	1+(1)*	CABF038
					D6011D, D6014D, D6072D	2+(2)*	
	AAV141	16	TB-D5016-YOK-011	16	D6011S, D6014S, D6072S	1+(1)*	
					D6011D, D6014D, D6072D	2+(2)*	
Analog Output	AAI543	16	TB-D5016-YOK-002	16	D6020S	1+(1)*	CABF038
					D6020D	2+(2)*	
Analog Input + Analog Output	AAI841	16	TB-D5016-YOK-010	8AI + 8AO	D6011S, D6014S, D6072S + D6020S	1 (+1)*	CABF038
					D6011D, D6014D, D6072D + D6020D	2+(2)*	
Digital Input	ADV151	32	TB-D5016-YOK-004	16+16	D6031S, D6032S, D6037S	1+(1)*	CABF039
			TB-D5016-YOK-003	16	D6031D, D6032D, D6037D	1+(1)*	CABF039
	ADV161	64	TB-D5016-YOK-004	16+16	D6031S, D6032S, D6037S	½+(½)*	CABF039
			TB-D5016-YOK-003	16	D6031D, D6032D, D6037D	½+(½)*	CABF039

\* With possibility of I/O card redundancy