

RFL® GARD 8000® 6U - Ordering Information

	Front Slots 8 through 1 -----Select 8 Functions-----								Rear Slots 1 through 10 -----Select 10 I/O-----												
Product Smart Number >>	GARD	6U	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Front Panel Touch Screen Display																					
None	0																				
Yes	TSD																				
Yes with Stylus Tether	TSDT																				
Front Panel Test Switch																					
None	0																				
With Audio Tone Test Jacks	TA																				
Standard	TD																				
Primary Power Supply Voltage Input																					
24 VDC	24																				
48 VDC	48																				
125 VDC or 120 VAC	125																				
250 VDC	250																				
Dual PS 24 VDC (for multiple PLC applications)	D24																				
Dual PS 48 VDC (for multiple PLC applications)	D48																				
Dual PS 125 VDC or 120 VAC (for multiple PLC applications)	D125																				
Dual PS 250 VDC (for multiple PLC applications)	D250																				
Redundant Power Supply Voltage Input																					
None	0																				
24 VDC	24																				
48 VDC	48																				
125 VDC or 120 VAC	125																				
250 VDC	250																				
Dual PS 24 VDC (for multiple PLC applications)	D24																				
Dual PS 48 VDC (for multiple PLC applications)	D48																				
Dual PS 125 VDC or 120 VAC (for multiple PLC applications)	D125																				
Dual PS 250 VDC (for multiple PLC applications)	D250																				
Power Supply Interface																					
With Multiprotocol (RS-449, V.35, X.21) Digital I/O	MP																				
With Multiprotocol (RS-449, V.35, X.21) Digital I/O & No Power Switch	MN																				
With G.703 Digital I/O	G7																				
With Multiprotocol (RS-449, V.35, X.21) Digital I/O & Ext PLC Amp Sw Battery	SP																				
Front System Display Module																					
With Standard Digital Teleprotection Functionality	TP																				
With 96-Bit Digital Teleprotection Functionality	96																				
With RFL® 9745 Compatible Digital Teleprotection Functionality	97																				
Without Digital Teleprotection Functionality	No																				
Redundant Controller																					
Yes	R																				
No	0																				
System I/O Ethernet Port Type																					
Electrical	E																				
Fiber Optic	F																				
GPS for System Clock Synchronization																					
Yes	G																				
No	0																				
Front Functional Modules (Select Eight with 6U and Two with 3U)																					
Distance Line Protection Relay	D																				
Current Differential Line Protection Relay	C																				
Current Differential Line Protection Relay - Breaker and a Half	B & X (uses two slots)								Consumes two rear slots in corresponding slot number												
Power Line Carrier FSK or On/Off (50 Ohms) w/CLI Meter	P5 & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
Power Line Carrier FSK or On/Off (75 Ohms) w/CLI Meter	P7 & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
TX Only Power Line Carrier FSK (50 Ohms)	T5 & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
TX Only Power Line Carrier FSK (75 Ohms)	T7 & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
RX Only Power Line Carrier FSK (50/75 Ohms) w/CLI Meter	PR & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
Power Line Carrier FSK or On/Off - No Hybrid (50 Ohms) w/CLI Meter	PN & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
Power Line Carrier for External Power Amp	PX & 0 (uses two slots)								Consumes two rear slots in corresponding slot number												
Standard Digital Teleprotection	TP																				
RFL® 9745 Compatible Digital Teleprotection	97																				
Metering Module	M																				
96-Bit Digital Teleprotection	96																				
Empty	0																				
Rear I/O Terminal Block Type																					
Screw	S																				
Compression	C																				
Rear I/O Modules (Select Ten with 6U and Four with 3U)																					
Occupied Slot Based On Front Module Selection	X																				
Empty	0																				
IEC 68150 GOOSE Module	ET																				
8 Channel Telemetry Module	TM																				
Audio Tone Teleprotection																					
Audio Tone Teleprotection with 16-bit Status and Data I/O	AU																				
Digital Communications Modules and Discrete I/O																					
	With Discrete I/O >>																				
	None		Input		Red. Input		SS Out		Relay Out		Latch Out		Relay Form C								
T1/E1 (DB15/RJ48)	T0	TI	TD	TS	TR	TL	TC														
E1 (BNC 50 or 75 ohm)	E0	EI	ED	ES	ER	EL	EC														
Multiprotocol (RS-449, V.35, X.21)	M0	MI	MD	MS	MR	ML	MC														
G.703 (DB15)	G0	GI	GD	GS	GR	GL	GC														
Dual RS-232 (for pass-thru only)	A0	AI	AD	AS	AR	AL	AC														
Short Haul Fiber C37.94, 820nm LED Multimode (ST)	H0	HI	HD	HS	HR	HL	HC														
Long Haul Fiber, 1300nm LED Singlemode/Multimode (ST)	F0	FI	FD	FS	FR	FL	FC														
Long Haul Fiber, 1300nm LASER Singlemode (ST)	30	3I	3D	3S	3R	3L	3C														
Long Haul Fiber, 1550nm LASER Singlemode (ST)	50	5I	5D	5S	5R	5L	5C														
Discrete I/O Units																					
6 Inputs	IE																				
6 Redundant Inputs	DE																				
6 Solid State Outputs	SE																				
6 Relay Outputs	RE																				
2 Latching Relay Outputs and 2 Relay Outputs	LE																				
3 Relay Outputs Form C	CE																				
12 Inputs	II																				
12 Redundant Inputs	DD																				
12 Solid State Outputs	SS																				
12 Relay Outputs	RR																				
4 Latching Relay Outputs and 4 Relay Outputs	LL																				
6 Relay Outputs Form C	CC																				
6 Solid State Outputs and 6 Relay Outputs	SR																				
6 Relay Outputs and 3 Relay Outputs Form C	SC																				
6 Solid State Outputs and 6 Inputs	SI																				
6 Relay Outputs and 6 Inputs	RI																				
2 Latching Relay Outputs and 2 Relay Outputs and 6 Inputs	LI																				
2 Latching Relay Outputs and 2 Relay Outputs and 6 Solid State Outputs	LS																				
2 Latching Relay Outputs and 2 Relay Outputs and 6 Relay Outputs	LR																				
Current Limiting Output																					
None	0																				
48 Vdc	CL48																				
125 Vdc	CL125																				
System Firmware																					
Standard (Current Released Version) - Blank selection	X																				
Version 10.1	1																				
Version 10.2	2																				