

RFL GARD Pro™ IEC 61850 Gateway 6U - Ordering Information

Product Smart Number >>		Front Slots 8 through 1 Select 8 Functions								Rear Slots 1 through 10 Select 10 I/O									
GPR6 6U																			
Front Panel Touch Screen Display																			
None		0																	
Yes		TSD																	
Yes with Stylus Tether		TSDT																	
Front Panel Test Switch																			
None		0																	
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 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 (4 Channels / 32 Functions)		TP																	
Without Digital Teleprotection Functionality		No																	
Redundant Controller																			
Yes		R																	
No		0																	
System I/O Ethernet Port Type																			
3 Electrical RJ-45 (Port 1A/B and Port 2)		E																	
3 Fiber Optic (Port 1A/B and Port 2) with 100Base-FX 1310nm MM SFP		F																	
GPS for System Clock Synchronization																			
Yes		G																	
No		0																	
Front Functional Modules (Select Eight)																			
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 (4 Channels / 32 Functions) (additional module)		TP																	
Empty		0																	
Rear I/O Terminal Block Type																			
Screw		S																	
Compression		C																	
Rear I/O Modules (Select Ten)																			
Occupied Slot Based On Front Module Selection										X									
Empty										0									
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 Solid State Outputs										SE									
6 Relay Outputs										RE									
12 Inputs										II									
12 Solid State Outputs										SS									
12 Relay Outputs										RR									
6 Solid State Outputs and 6 Relay Outputs										SR									
6 Solid State Outputs and 6 Inputs										SI									
6 Relay Outputs and 6 Inputs										RI									
Current Limiting Output																			
None										0									
48 Vdc										CL48									
125 Vdc										CL125									
System Firmware																			
Standard (Current Released Version) - Blank selection										X									
Version 3.2.0										A									