

RFL GARD Pro™ IEC 61850 Gateway 3U - Ordering Information

Product Smart Number >>		Front Slots 4 - 3 /-Select 2 Functions-		Rear Slots 1 through 4 /-Select 4 I/O-			
GPR6 3U		Front Slot 4	Front Slot 3	Rear Slot 1	Rear Slot 2	Rear Slot 3	Rear Slot 4
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						
Redundant Power Supply Voltage Input							
None	0						
24 VDC	24						
48 VDC	48						
125 VDC or 120 VAC	125						
250 VDC	250						
Power Supply Interface							
With Multiprotocol (RS-449, V.35, X.21) Digital I/O	MP						
With G.703 Digital I/O	G7						
With Double Pole Switched Battery Output	DP						
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							
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 Two)							
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 Four)							
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							
Version 3.2.0							