

# NOvA Near Detector Low Voltage Relay Rack

## Front

## Back

Position	Equipment	Voltage	Power
U-44	Rack Protection		
U-43			
U-42			
U-41	Cable Run Gap		
U-40			
U-39	DAQ Switch	110-240	70 W
U-38			
U-37	DCS Switch	110-240	70 W
U-36			
U-35	DCS Computer	110-240	300 W
U-34	Empty		
U-33	Empty		
U-32	Empty		
U-31	Empty		
U-30	Controls Terminal (LCD Screen)	110-240	40 W
U-29			
U-28			
U-27			
U-26			
U-25			
U-24			
U-23	Air Gap		
U-22	Keyboard	USB	W
U-21	Air Gap		
U-20	Air Gap		
U-19	Field Point	24VDC	120 W
U-18			
U-17			
U-16	Air Gap		
U-15	Air Gap		
U-14	Fan Tray (9 Fan)	110-240	117 W
U-13	Wiener PL506	240	2,520 W
U-12			
U-11			
U-10	Air Gap		
U-9	Air Gap		
U-8	Fan Tray (9 Fan)	110-240	117 W
U-7	Wiener PL506	240	2,520 W
U-6			
U-5			
U-4	Air Gap		
U-3	Air Gap		
U-2	Fan Tray (9 Fan)	110-240	117 W
U-1	Empty		

Total: 5,991 W

Position	Equipment
U-44	Rack Protection
U-43	
U-42	
U-41	Cable Run Gap
U-40	
U-39	Empty
U-38	Empty
U-37	Empty
U-36	Empty
U-35	DCS Computer Back
U-34	Empty
U-33	Empty
U-32	Empty
U-31	Empty
U-30	Empty
U-29	Empty
U-28	Empty
U-27	Aux. Terminal Block DIN mounted (DB37 Cable routing)
U-26	
U-25	
U-24	Empty
U-23	Air Gap
U-22	Empty
U-21	Air Gap
U-20	24V Power supplies (Fieldpoint)
U-19	
U-18	Power Distribution Block (Fieldpoint)
U-17	
U-16	Air Gap
U-15	Air Gap
U-14	Fan Tray (9 Fan)
U-13	Rear Access
U-12	
U-11	LV Breaker Panel
U-10	
U-9	
U-8	Fan Tray (9 Fan)
U-7	Rear Access
U-6	
U-5	LV Breaker Panel
U-4	
U-3	
U-2	Fan Tray (9 Fan)
U-1	Empty