Occupancy Sensors

Novitas

MFG P/N	Nomenclature	Volts	Time Delay	Coverage	NSN
Ceiling Sensors (Require Switchpack)					
01-100	One way	15 VDC	15 sec to 30 min	1270 sq ft	
01-160	Small Area	15 VDC	15 sec to 15 min	500 sq ft	
01-180	One- Way Corridor	15 VDC	15 sec to 30 min	50 ft (Mtd 10 ft above floor)	
01-110	Two-Way	15 VDC	15 sec to 30 min	2850 sq ft	
01-190	Two-Way Corridor	15 VDC	15 sec to 30 min	100 ft (Mtd 10 ft above floor)	
01-092	Two-Way Wharehouse	15 VDC	15 sec to 30 min	100 ft (Mtd 10 ft above floor)	
01-170	One-Way Wharehouse	15 VDC	15 sec to 30 min	30 ft if walking 50 ft if forklift (Mtd 10 ft above floor)	
Ceiling Sensors With Building Automation System (BAS) Interface					
01-074	One-Way EMS	24 VAC	15 sec to 30 min	900 sq ft	
01-084	Two-Way EMS	24 VAC	15 sec to 30 min	2100 sq ft	
01-094	Two-Way Corroidor/Whar-ehous EMS	24 VAC	15 sec to 30 min	56 ft if walking 92 ft if forklift (Mtd 21 ft above floor)	
Automatic Wall Switches					
01-211	Automatic or Manual on	120/277 VAC	15 sec to 15 min	300 sq ft	White 6210-01-457-9241 Almond 6210-01-457-9245 Ivory 6210-01-457-9247
01-220	Automatic or Manual on	15 VDC	15 sec to 15 min	300 sq ft	White 6210-01-457-9250 Almond 6210-01-457-9251 Ivory 6210-01-457-9253
01-230	Automatic or Manual on	24 VAC	15 sec to 15 min	300 sq ft	White 6210-01-457-9257 Almond 6210-01-457-9263 Ivory 6210-01-457-9269
01-250	Automatic or Manual on	120/277 VAC (With neutral connection)	15 sec to 15 min	300 sq ft	White 6210-01-457-9273 Almond 6210-01-457-9280 Ivory 6210-01-457-9287
Other Products					
04-011	Adapter Plate Ceiling Sensors	-----	-----	------	
13-031	Switchpack	120/277 VAC	----	----	
13-041	Switchpack EMS/HVAC	120/277 VAC	----	----	
13-051	Heavy Duty Switchpack	120/277 VAC	----	----	

Occupancy Sensors

NOVITAS SENSOR SELECTION BY LOCATION

LOCATION	REQUIREMENTS/ CONSIDERATIONS	PRODUCTS NEEDED	
		SENSOR	SWITCHPACK/ACCESSORY
• Enclosed (hardwalled) rooms 300 sq. ft. or smaller, excluding rest rooms.	• Room must have existing wall switch and no obstruction to coverage. • Minimum wattage: 120 VAC: one ballast or one lamp. 277 VAC: one ballast.	01-211 Automatic Wall Switch 	No Switchpack required.
• Enclosed (hardwalled) rooms, including rest rooms. • For rooms up to 500 sq. ft., use 01-160. • For rooms from 500 to 825 sq. ft., use 01-100.	• Coverage for model 01-100 is reduced to 432 sq. ft. with partitions exceeding 48" in height. • If partition heights exceed 71", treat each partitioned area as an individual space with floor-to-ceiling walls.	01-100 or 01-160 One-Way Ceiling Sensors 	Use one Switchpack for each 20 Amp lighting circuit or each installed toggle switch, whichever is greater.
• Larger rooms and areas from 825 sq. ft. up to 1,872 sq. ft.	• Coverage is reduced to 891 sq. ft. with partitions exceeding 48" in height. • If partition heights exceed 71", treat each partitioned area as an individual space with floor-to-ceiling walls.	01-110 Two-Way Ceiling Sensor 	Use one Switchpack for each 20 Amp lighting circuit or each installed toggle switch, whichever is greater.
• Corridors.	• In corridors, use one 01-190 for each 90 linear feet of coverage; use one 01-180 for short hallways (45 linear feet or less).	01-190 or 01-180 Corridor Sensors 	Use one Switchpack for each 20 Amp lighting circuit or each installed toggle switch, whichever is greater.
• Service and Utility areas.	• Use 01-060 up to 400 sq. ft. • Use 01-072 for 400 - 700 sq. ft. • Use 01-083 for 700 - 1,400 sq. ft. Refer to Technical Sheets for coverage in partitioned areas.	01-060,01-072,01-083 Service and Utility Sensors 	Use one Switchpack for each 20 Amp lighting circuit or each installed toggle switch, whichever is greater.
• Storage and Warehouse aisles.	• For warehouse aisles, use one 01-092 for each 90 linear feet of coverage; use one 01-170 for 45 linear feet or less.	01-092 or 01-170 Warehouse Sensors 	Use one Switchpack for each 20 Amp lighting circuit or each installed toggle switch, whichever is greater.
• For use with Novitas ceiling sensors			120/277 Relay and Transformer Use one Switchpack per 20 Amp lighting circuit or each installed toggle switch, whichever is greater.

Information provided by Novitas