

Detector Head & Base Compatibility Chart

Head	D321A Analog 6"	D336A Analog 4"	D261AW 6" 2-wire	D280A 6" 2-wire	D290 6" 4-wire	D291M Master Addressable	D291S Slave Addressable	D250A Expansion Detector base	D253 5.5" 2-wire	D287 5.5" 2-wire	D288 6.375" 2-wire	D292 6.375" 4-wire	D293A 6.375" 4-wire w/ relay	D293E 6.375" 4-wire w/ super relay	D293S 6.375" 4-wire w/ sounder	D298M Addressable 24V Master 4-wire	D298S Addressable 24V Slave 4-wire	D278S Addressable 12V Slave 4-wire	D340 Conv. Duct 2-wire Housing	D341 Conv. Duct 4-wire Housing	D342 Conv. Duct 4-wire Housing	D343 Addressable Duct Housing	D7050-B6 Addressable Mux 2-wire	F220-B6 6" 2-wire	F220-B6R 6" 4-wire	F220-B6C 6" 4-wire Form C Aux. Relay	F220-B6E Power Supervision	
D322A Analog Heat Detector Head	•	•																										
D323A Analog Photo Detector Head	•	•																										
D324A Analog Ion Detector Head	•	•																										
D265AW Photo Detector Head			•																									
D281A Conv. Ion Detector Head				•	•	•	•	•																				
D282A Conv. Photo Detector Head				•	•	•	•	•																				
D283A Conv. Photo Detector Head + Heat				•	•	•	•	•																				
D254A Conv. Heat Detector Head Fixed 135°						•	•	•	•																			
D255 Conv. Heat Detector Head Fixed 190°						•	•	•	•																			
D256A Conv. Heat Detector Head RoR/Fixed 135°						•	•	•	•																			
D257A Conv. Heat Detector Head RoR/Fixed 190°						•	•	•																				
D285 Conv. Photo Detector Head										•	•	•	•	•	•	•	•	•	•									
D285TH Conv. Photo Detector Head										•	•	•	•	•	•	•	•	•	•									
D286 Conv. Ion Detector Head/Duct Head										•	•	•	•	•	•	•	•	•	•	•	•	•						
D603 Conv. Heat Detector Head RoR/Fixed 135°										•	•	•	•	•	•	•	•	•	•									
D604 Conv. Heat Detector Head Fixed 135°										•	•	•	•	•	•	•	•	•	•									
D605 Conv. Heat Detector Head Fixed 190°										•	•	•	•	•	•	•	•	•	•									
D285DH Conv. Duct Head																				•	•	•						
D7050DH Addressable Photo Duct Head																							•					
D7050 Addressable Photo Detector Head																								•				
D7050TH Addressable Photo Detector Head																								•				
F220-P Photo Detector Head																									•	•	•	•
F220-PTH Photo Detector Head w/Heater																									•	•	•	•
F220-PTHC Photo Detector Head w/CO & Heat																									•	•	•	•

Baseless (Direct Wire) Photoelectric Detectors

D263	D273THC
D263TH	D273THCS
D263THS	D273THE
D263THC	D273THS
D273	D273ES
D273THR	D273TH
D273THSR	D273IS

D263 is 2-wire, D273 is 4-wire
 R = Trouble relay
 TH = 135°
 E = EOL relay
 C = Aux C relay
 I = Isolated heat

FACP and Detector Compatibility

Head	FACP	D7022	D7024 Conventional IDC	D7024 Addressable	D9124	D9412G/D7412G	D8024/D10024
D322A Analog Heat Detector Head							●
D323A Analog Photo Detector Head							●
D324A Analog Ion Detector Head							●
D265AW Photo Detector Head		●	●	●	●	●	
D281A Conv. Ion Detector Head		●	●	●	●	●	
D282A Conv. Photo Detector Head		●	●	●	●	●	
D283A Conv. Photo Detector Head + Heat		●	●	●	●	●	
D254A Conv. Heat Detector Head Fixed 135°		●	●	●	●	●	
D255 Conv. Heat Detector Head Fixed 190°		●	●	●	●	●	
D256A Conv. Heat Detector Head RoR/Fixed 135°		●	●	●	●	●	
D257A Conv. Heat Detector Head RoR/Fixed 190°		●	●	●	●	●	
D285 Conv. Photo Detector Head		●	●	●	●	●	
D285TH Conv. Photo Detector Head		●	●	●	●	●	
D286 Conv. Ion Detector Head/Duct Head		●	●	●	●	●	
D603 Conv. Heat Detector Head RoR/Fixed 135°		●	●	●	●	●	
D604 Conv. Heat Detector Head Fixed 135°		●	●	●	●	●	
D605 Conv. Heat Detector Head Fixed 190°		●	●	●	●	●	
D285DH Conv. Duct Head		●	●	●	●	●	
D7050DH Addressable Photo Duct Head				●			
D7050 Addressable Photo Detector Head				●			
D7050TH Addressable Photo Detector Head				●			
F220-P Photo Detector Head		●	●	●	●	●	
F220-PTH Photo Detector Head		●	●	●	●	●	
F220-PTHC Photo Detector Head w/CO & Heat		●	●	●	●	●	

Baseless (Direct Wire) Photoelectric Detectors	FACP	D7022	D7024 Conventional IDC	D7024 Addressable	D9124	D9412G/D7412G
D263		●	●	●	●	●
D263TH		●	●	●	●	●
D263THS		●	●	●	●	●
D263THC		●	●	●	●	●
D273		●	●	●	●	●
D273THR		●	●	●	●	●
D273THSR		●	●	●	●	●
D273THC		●	●	●	●	●
D273THCS		●	●	●	●	●
D273THE		●	●	●	●	●
D273THS		●	●	●	●	●
D273ES		●	●	●	●	●
D273TH		●	●	●	●	●
D273IS		●	●	●	●	●

Note: Use of the conventional style detectors with D9124, D9412G or D7412G requires the use of a POPIT base or outboard POPIT