

Fire Alarm Control Panel/ Edwards Smoke Detector Compatibility Table



Effective: January 2016

K-70-100

Part Numbers of Detectors Requiring Bases:
Compatibility Identifier (CID):

711U, 721U, 721UT
S10A

Part Numbers of Detector Bases:
Compatibility Identifier (CID):

701U, 702E, 702U
S00

Part Numbers of Two-Wire Duct Detector:
Compatibility Identifier (CID):

SD-2W
0.0

Edwards Two-Wire Detector Compatibility Table

Manufacturer	Fire Alarm Control Panel (FACP) Model	Zone	CID	700 Series Detector Bases			Duct Detectors
				701U	702E	702U	SD-2W
				S00	S00	S00	0.0
Kidde - Fenwal, Inc.	2320	N/A	C30FE1	10	10	10	5
	Scorpio	N/A	C30FE1	10	10	10	5
	Gemini II	MCP/RHU	C32FE1	35	35	35	17
	3220	MCP/RHU	C32FE1	35	35	35	17
	AEGIS	N/A	C73FE1	20	20	20	10
	732	N/A	C73FE1	20	20	20	10
	AEGIS 2.0	N/A	C73FE1	20	20	20	10
	AEGIS-XLT	N/A	C73FE1	20	20	20	10
Chemetron Fire Systems	Micro1-EV	N/A (Style C), Class A Module *	A	30	30	30	N/A
	Micro XLT	N/A	C73FE1	20	20	20	10
	Micro XLT-lp	N/A	C73FE1	20	20	20	10

* Using Wiring Styles B and D

How to Use This Table:

1. Locate the desired model of the Fire Alarm Control Panel (at left).
2. Locate column for the desired model of 700 Series Detector Base or locate 2-Wire Duct Detector column.
3. Find intersection of FACP model and detector in table.
Value in table cell defines maximum UL established compatibility, with Wiring Style B.

How to Mix 711U, 721U, 721UT, SD-2W Duct Detectors and Other Compatible Detectors:

1. In a circuit with mixed 700 Series Detectors, SD-2W Duct Detectors and Other Compatible Detectors, the SD-2W is weighted equivalent to two 700 Series Detectors.
2. The following condition should be met when mixing Edwards Detectors and Other Compatible Detectors:

W = number of 711U, 721U, and/or 721UT Detectors with bases
X = number of Other Compatible Detectors, as found on Document P/N F-70-63
Y = number of SD-2W Detectors
Z = maximum UL established compatibility value from "700 Series Detector Bases" column in table

$$W + X + 2Y \leq Z$$

Note: For model numbers and additional information on Other Compatible Detectors, refer to "Control Panel/Smoke and Heat Detector Compatibility Chart", Document P/N F-70-63, Rev AB.

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