

#2024-006, Product Change Announcement

NOTICE: Honeywell Kromschroder Flame Detector FDU – Type Code changed

Please forward this announcement to impacted customer.

Product affected	<i>FDU 510 / 520</i>
Start Date	<i>02/15/2024</i>

LOB	HTS
Date	03/28/2024
Doc Type	Product Update
Bulletin No	2024-006
Product Line(s)	Flame Detector FDU 510/520
Partner Type(s)	Distributors/Reps/OEMs
Pole(s)	Global
Issued by	Roswitha Hüpper
	Offering Management

Updated Type Code

The Type Code previously used for the FDU was not unique enough vs the Interface Parameters. Accordingly, we have taken the opportunity to store an assignment for every possible application. The Type Code has changed as follows:

OLD		NEW	
FDU	Flame detector	FDU	Flame detector
510	Series 510 for intermittent operation	510	Series 510 for intermittent operation
520	Series 520 for continuous operation	520	Series 520 for continuous operation
Q	Mains voltage: 120 V AC, 50/60 Hz	Q	Mains voltage: 120 V AC, 50/60 Hz
W	Mains voltage: 230 V AC, 50/60 Hz	W	Mains voltage: 230 V AC, 50/60 Hz
1	Flame control with flame rod or UVC	0	Flame control with flame rod
2	Flame control with UVS	1	Flame control with UVS
3	Flame control series C7027, C7035, C7227 and C7235	2	Flame control with UVC
		9	Flame control series C7027, C7035, C7227 and C7235
T2	Switch-off threshold: 2 µA	T2	Switch-off threshold: 2 µA
T5	Switch-off threshold: 5 µA	T5	Switch-off threshold: 5 µA
T7	Switch-off threshold: 7 µA	T7	Switch-off threshold: 7 µA
1	Safety time during operation: 1 s	1	Safety time during operation: 1 s
4	Safety time during operation: 4 s	4	Safety time during operation: 4 s
O1	1 NO contact, 1 NC contact	O1	1 NO contact, 1 NC contact
O2	2 NO contacts	O2	2 NO contacts
0	No output	0	No output
-1	0–5 V output	-1	0–5 V output
K0	No connection plugs	K0	No connection plugs
K1	Connection plugs with screw terminals	K1	Connection plugs with screw terminals
K2	Connection plugs with spring force terminals	K2	Connection plugs with spring force terminals

See below Interface Parameters

7.2 InterfaceParameters

Name	Parameter	Value range	Factory default settings
page 30 (7.7.1 Flame control)	I004	0 = Ionization 1 = UVS sensor 2 = UVC sensor 9 = UV sensor C7027, C7227, C7035, C7235	0

The updated [Operating Instruction](#) is available in our Docuthek.

See below the related Material ID's Old – New Type Code/Description:

	Description "old"	Description "new"
84368000	FDU 520W1T2/1O1-0K1	FDU 520W0T2/1O1-0K1
84368003	FDU 520Q1T2/1O1-0K1	FDU 520Q0T2/1O1-0K1
84368012	FDU 510W1T2/1O1-0K1	FDU 510W0T2/1O1-0K1
84368013	FDU 510W2T5/1O1-0K1	FDU 510W1T5/1O1-0K1
84368014	FDU 510W3T2/1O1-0K1	FDU 510W9T2/1O1-0K1
84368015	FDU 510Q1T2/1O1-0K1	FDU 510Q0T2/1O1-0K1
84368016	FDU 510Q2T5/1O1-0K1	FDU 510Q1T5/1O1-0K1
84368017	FDU 510Q3T2/1O1-0K1	FDU 510Q9T2/1O1-0K1
84368024	FDU 520W1T2/1O1-0K2	FDU 520W0T2/1O1-0K2
84368036	FDU 510W1T2/1O1-0K2	FDU 510W0T2/1O1-0K2
84368037	FDU 510W2T5/1O1-0K2	FDU 510W1T5/1O1-0K2
84368039	FDU 510Q1T2/1O1-0K2	FDU 510Q0T2/1O1-0K2
84368041	FDU 510Q3T2/1O1-0K2	FDU 510Q9T2/1O1-0K2
84368048	FDU 520W1T2/1O1-1K1	FDU 520W0T2/1O1-1K1
84368060	FDU 510W1T2/1O1-1K1	FDU 510W0T2/1O1-1K1
84368061	FDU 510W2T5/1O1-1K1	FDU 510W1T5/1O1-1K1
84368062	FDU 510W3T2/1O1-1K1	FDU 510W9T2/1O1-1K1
84368084	FDU 510W1T2/1O1-1K2	FDU 510W0T2/1O1-1K2
84368086	FDU 510W3T2/1O1-0K2	FDU 510W9T2/1O1-1K2
84368109	FDU 510W1T2/1O2-0K1	FDU 510W0T2/1O2-0K1
84368111	FDU 510W3T2/1O2-0K1	FDU 510W9T2/1O2-0K1
84368112	FDU 510Q1T2/1O2-0K1	FDU 510Q0T2/1O2-0K1
84368113	FDU 510Q2T2/1O2-0K1	FDU 510Q1T5/1O2-0K1
84368114	FDU 510Q3T2/1O2-0K1	FDU 510Q9T2/1O2-0K1
84368115	FDU 510W1T2/4O2-0K1	FDU 510W0T2/4O2-0K1
84368117	FDU 510W3T2/4O2-0K1	FDU 510W9T2/4O2-0K1
84368118	FDU 510Q1T5/4O2-0K1	FDU 510Q0T2/4O2-0K1
84368120	FDU 510Q3T5/4O2-0K1	FDU 510Q9T2/4O2-0K1
84368137	FDU 510Q2T5/1O2-0K2	FDU 510Q1T5/1O2-0K2
84368159	FDU 510W3T2/1O2-1K1	FDU 510W9T2/1O2-1K1
84368161	FDU 510Q2T5/1O2-0K1	FDU 510Q1T5/1O2-1K1

As you can see, only the Type Code/Description for the customer has changed. The Mat. No. and the technical features are unaffected.