

Matching hardware settings and device types for the UIO-12

If settings were manually assigned to the UIO-12 during installation, the device types assigned through the System Definition Utility (3-SDU) must match the hardware settings. This topic shows which device types to use with specific jumper and switch settings. This information is provided for each of the twelve zones available on the UIO-12.

Note: If necessary, use scroll bars to view full information.

Zone 1

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 2

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC(SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 3

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 4

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 5

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware	Jumper = A &	Jumper = A & C	Jumper = A & C	Jumper = A & C	Jumper = A & D	Jumper = D	Jumper = None

settings:	C DIP Switch = ON EOL = 15 kΩ	DIP Switch = ON EOL = 15 kΩ	DIP Switch = OFF EOL = 15 kΩ	DIP Switch = OFF EOL = 15 kΩ	DIP Switch = OFF EOL = 15 kΩ	DIP Switch = OFF EOL = N/A	DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 6

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 7

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 8

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 9

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 10

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 11

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT

Zone 12

Function:	ALARM IDC	SUPERVISORY IDC	AUDIO NAC (SUPERVISEDOUTPUT)	24 VDC NAC (SUPERVISEDOUTPUT)	PHONECIRCUIT (SUPERVISEDOUTPUT)	FORM C DRY CONTACT RELAY	TWO N.O. DRYCONTACTS
Hardware settings:	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = ON EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & C DIP Switch = OFF EOL = 15 kΩ	Jumper = A & D DIP Switch = OFF EOL = 15 kΩ	Jumper = D DIP Switch = OFF EOL = N/A	Jumper = None DIP Switch = OFF EOL = N/A
Device Types:	GENALARM HEAT PULL SMOKE WATERFLOW	DAMPERFEEDBACK DOORFEEDBACK EMERGENCY FANFEEDBACK GATEVALVE GUARD MONITOR POWER SECURITY SUPERVISORY TAMPER TEMPERATURE	AUDIBLE COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT	COMMONALARMOUTPUT COMMONMONITOROUTPUT COMMONSUPERVISORYOUTPUT DAMPERCONTROL DOORCONTROL FANCONTROL SUPERVISEDOUTPUT VISIBLE	FIREPHONE	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT	NONSUPERVISEDOUTPUT NSCOMMONALARMOUTPUT NSCOMMONMONITOROUTPUT NSCOMMONSUPERVISORYOUTPUT NSCOMMONTROUBLEOUTPUT