

Application Overview LON

June 2016



HOME OF SENSOR TECHNOLOGY

Subject to technical modifications

June 2016

Motion- / Brightness Detection

Device	Application	Short notes	Plugin
WRF04I	irsens04 irsens04_02	Sensors + Occupancy Controller <i>FTT-10A Transformer/TMPN3120 Transceiver (until 4. Quarter 2011)</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	- -
WRF06I	irsens06 irsens06_02	Sensors + Occupancy Controller <i>FT-X1 Transformer/FT3150 Transceiver</i> <i>FT-X3 Transformer/FT5000 Transceiver (from 2. Quarter 2011)</i>	- -
LDF, LI65, LI04	li01 li02	Sensors + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 3. Quarter 2011)</i>	- -

EasySens, Receivers

Device	Application	Short notes	Plugin
<i>FT-X1 Transformer/FT3150 Transceiver</i> SRC04_SRC65-FTT	srcn_9_1_02	9 receiver for sensors, blinds, dimming SRW01../SR65../SR04../SR04..rH and PTM100/200-switches with changeable network variables	SRC-FTT
SRC04_SRC65-FTT	srcn_12_5_01	12 objects each with 5 OR linked Window contacts SRW01	-

Application Overview LON

June 2016



HOME OF SENSOR TECHNOLOGY

STC04_STC65-FTT	stcn_55_1_01	5 receiver and 5 transmitter for sensors, blinds, dimming... SRW01../SR65../SR04../ SR04..rH and PTM100/200-switches with changeable network variables	-
<i>FT-X3 Transformer/FT5000 Transceiver (from 3. Quarter 2011)</i> SRC04_SRC65-FT-X3	srca_16_1_01	16 receiver for sensors, blinds, dimming SRW01../SR65../SR04../ SR04..rH and PTM100/200-switches with changeable network variables	Thermokon_LNS_Plugin
STC04_STC65- FT-X3	stca_11_11_1_02	11 receiver and 11 transmitter for sensors, blinds, dimming... SRW01../SR65../SR04../ SR04..rH and PTM100/200-switches with changeable network variables	Thermokon_LNS_Plugin
STC04_STC65- FT-X3	stca_8_8_1_01	8 receiver and 8 transmitter for sensors, blinds, dimming... SRW01../SR04../ SR04..rH /SR06 LCD and PTM100/200-switches with changeable network variables	-
STC04_STC65- FT-X3	stca_sa_8_4_1_01	8 receiver and 4 transmitter for sensors, blinds, dimming... SmartAck capable SRW01../SR65../SR04../ SR04..rH /SR06 LCD and PTM100/200-switches with changeable network variables	-

All supported profiles are provided in the relevant documentation!

Note: The Applications srca_16_1_01, stca_11_11_1_02, stca_8_8_1_01 and stca_sa_8_4_1_01 are only working with LNS Version 3.20 / Lonmaker Turbo Edition or higher!

I/O-Modules for Top-Hat Rail Mounting

Device	Application	Short notes	Plugin
IO44 HS	io44hs01	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO62 HS	io62hs01	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO66 HS	io66hs01	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO80 HS	io80hs02	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO16-0 HS	io160hs1	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO42 HS	LIO20	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO44 HS	LDM	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO64 HS	LDP	Standard I/O <i>FT-X1 Transformer/FT3150 Transceiver</i>	-
IO10 HS	LDE10	Standard input <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO04 HS	LRAS	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO4AO HS	LAAp	Analog output <i>FT-X1 Transformer/FT3150 Transceiver</i>	-
IO8AI HS	LAE8	Analog input <i>FT-X1 Transformer/FT3150 Transceiver</i>	-

I/O-Modules for Flush Mounting

Device	Application	Short notes	Plugin
DI6 UP	di6up01	Standard I/O, toggle, dimming, blinds SNVT_switch <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 3. Quarter 2011)</i>	-
	di6up04		-
DI6 UP	di6up02	Standard I/O, toggle, blinds SNVT_setting <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 3. Quarter 2011)</i>	-
	di6up05		-
DI6 UP	di6up03	Standard I/O, toggle, blinds SNVT_setting <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 3. Quarter 2011)</i>	-
	di6up06		-
DI2R2 UP	di2r2up1	Standard I/O, toggle <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-

I/O-Modules for Ceiling Mounting

Device	Application	Short notes	Plugin
DI4RO2	di4ro202	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver (until 1. Quarter 2012)</i>	-
	di4ro202_o2	<i>FT-X1 Transformer/FT3120 Transceiver (from 2. Quarter 2012)</i>	-
	di4ro2_fsda02	Fire dampers <i>FTT-10A Transformer/TMPN3120 Transceiver (until 1. Quarter 2012)</i>	-
	di4ro2_fsda02_o2	<i>FT-X1 Transformer/FT3120 Transceiver (from 2. Quarter 2012)</i>	-
DI6RO2	di6ro202	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
	di6ro202_o2	<i>FT-X1 Transformer/FT3120 Transceiver (from 2. Quarter 2012)</i>	-
DI6	di603	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO44	io4402	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO44	io4404_FAN	+ FanCoil <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO62	io6202	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO80	io8002	Standard I/O <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
IO2AI	psens01	2x pressure + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
	psens02	<i>FT-X1 Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	-
IO2AI	co2sens01	CO2, temperature + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
	co2sens02	<i>FT-X1 Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	-
IO2AI	multisenso1	free configurable Output-SNVT's <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-
	multisenso2	<i>FT-X1 Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	-
IO40	LDE4	Standard input <i>FT-X3 Transformer/FT5000 Transceiver</i>	-
IO04	LRAS	Standard I/O <i>FT-X3 Transformer/FT5000 Transceiver</i>	-

Application Overview LON

June 2016



HOME OF SENSOR TECHNOLOGY

Humidity Sensors

Device	Application	Short notes	Plugin
FKx, FA54	rhsens01 rhsens02	Sensors + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	- -
FTKx, FTA54	fta_ftk_01 fta_ftk_02	Sensors + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	- -
LCN_FTW04x FTW04x FTW04x LCD	lcn_ftw04_01 wrf04_lcd_01 wrf04_lcd_01	Sensors + RCU 3% <i>FT-X1Transformer/FT3120 Transceiver</i> Sensors + RCU 2% <i>FT-X1Transformer/FT3120 Transceiver</i> LCD, Sensors, RCU <i>FT-X1Transformer/FT3120 Transceiver</i>	- - -

Air Quality Sensors

Device	Application	Short notes	Plugin
LW04, LK	lk_lw_01 lk_lw_02	Sensors + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	- -
WRF04 CO2	wrf04_co2_01	CO2 Sensors + limit switches <i>FT-X3 Transformer/FT5000 Transceiver</i>	-

Multi Sensors

Device	Application	Short notes	Plugin
MDS LON1	mdsl105 mdsl106	Sensors, Constant Light Controller <i>FT-X1 Transformer/FT3120 Transceiver</i> <i>FT-X3 Transformer/FT5000 Transceiver (from 1. Quarter 2012)</i>	MDS-Lon_Plugin MDS-Lon_Plugin

Application Overview LON

June 2016



HOME OF SENSOR TECHNOLOGY

MDS LON2	mdsl206 mdsl207	Sensors, Constant Light Controller and PID heating/cooling <i>FT-X1 Transformer/FT3120 Transceiver</i> <i>FT-X3 Transformer/FT5000 Transceiver (from 1. Quarter 2012)</i>	MDS-Lon_Plugin MDS-Lon_Plugin
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Room Operating Devices for Surface Mounting

Device	Application	Short notes	Plugin
WRF04 LON, WRF04xx LON	wrf04_02	Sensors, RCU <i>FT-X1 Transformer/FT3120 Transceiver</i>	-
WRF04xx LCD LON	wrf04_lcd_01	LCD, Sensors, RCU <i>FT-X1 Transformer/FT3120 Transceiver</i>	-

Room Operating Devices Flush Mounting

Device	Application	Short notes	Plugin
WRF06 LCD <i>FT-X1 Transformer/FT3150 Transceiver</i>			
AO2V, DO2R, DO2T, OVR, OVT	o6lcd_scc_2di_20_01	PI heating/cooling/fancoil Controller V2.0	WRF06LCD Types 4DI 2Di_20-Plugin
DI4	o6lcd_scc_4di_01	PI heating/cooling/fancoil Controller V2.0	WRF06LCD Types 4DI 2Di_20-Plugin
	o6lcd_cmd_4di_01	Command Module V2.0	-
<i>FT-X3 Transformer/FT5000 Transceiver (from 2. Quarter 2011)</i>			
AO2V, DO2R, DO2T, OVR, OVT	o6lcd_scc_2di_20_02	PI heating/cooling/fancoil Controller V3.0	WRF06LCD Types 4DI 2Di_20-Plugin
DI4	o6lcd_scc_4di_02	PI heating/cooling/fancoil Controller V3.0	WRF06LCD Types 4DI 2Di_20-Plugin
	o6lcd_cmd_4di_02	Command Module V3.0	-

Application Overview LON

June 2016



HOME OF SENSOR TECHNOLOGY

WRF06/WRF07

FTT-10A Transformer/TMPN3120 Transceiver

WRF06.../WRF07... DOR LON	07scc_dor01	PI-heating/cooling (Space Comfort Controller)	-
WRF06.../WRF07...	07scc02	PI-heating/cooling (Space Comfort Controller)	-
WRF06.../WRF07... Typ D14	07pt2d4dio1	Sensors, RCU	-
WRF06.../WRF07... Typ D14	07pt2d4dio2	Sensors, RCU, switches toggle	-

FT-X1 Transformer/FT3150 Transceiver

WRF06.../WRF07... DOR LON	07scc_dor03	PI-heating/cooling (Space Comfort Controller)	-
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FT-X3 Transformer/FT5000Transceiver (from 4. Quarter 2012)

WRF06/WRF07 AO2V	07scc_2di_2o_01	PI-heating/cooling (Space Comfort Controller)	Thermokon_LNS_Plugin
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WRF06/WRF07 D14	07scc_4di_01	PI-heating/cooling (Space Comfort Controller)	Thermokon_LNS_Plugin
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WRF06 INC

FT-X1 Transformer/FT3150 Transceiver

WRF06 INC Light	wrf06_inc_switch_01	Light dimming	-
WRF06 INC 5D Fanspeed	wrf06_inc_fanspeed_01	fancoil	-
WRF06 INC 7D Temperature	wrf06_inc_temp_01	Sensors	-

WRF08

FTT-10A Transformer/TMPN3150 Transceiver

WRF08	wrf08_05	Lights, blinds, climate control	WRF08-Plugin
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FT-X3 Transformer/FT5000Transceiver (from 1. Quarter 2012)

WRF08	wrf08_06	Lights, blinds, climate control	WRF08-Plugin
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Thanos

FT-X3 Transformer/FT5000Transceiver

Thanos LON	thanos_scc_01	PI-heating/cooling (Space Comfort Controller)	Thermokon_LNS_Plugin
Thanos LON EasySens/receiver	thanos_sr_01	Gateway (5 receiver, 5 transmitter), no SCC	-

Application Overview LON

June 2016

Temperature Sensors

Device	Application	Short notes	Plugin
TF25, RPF40, RPF100, VFG54, AGS54, AKF10, SFK02	tsenso4 tsenso4_02	Sensors + limit switches <i>FTT-10A Transformer/TMPN3120 Transceiver</i> <i>FT-X1 Transformer/FT3120 Transceiver (from 1. Quarter 2012)</i>	- -
WRF06	07pt2d4dio1	Sensors, RCU <i>FTT-10A Transformer/TMPN3120 Transceiver</i>	-

No responsibility is accepted for the accuracy of this information

Note: Thermokon recommends using the latest LonMaker/LNS/Open LDV Version (especially for FT5000 Templates)!