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Edge Connectivity



	Flux-1161	PORTA-14E34	PORTA-14E24	PORTA-24E34
General				
Configuration	Web server (Wi-Fi AP mode for device configuration only)			
Over Air updates	Yes			
Factory Reset	Yes			
Ethernet				
No. of Ports	1			
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT			
Data Transmission Rate	10/100 Base-TX			
Isolation	1500 VDC			
RS-485				
No Ports	1	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII			
Baud Rate	300 to 230400 bps			
Isolation	2500V DC			
Digital Input				
No. of Inputs	-	4		-
Grouping		4+1		
Type of Inputs		Sinking		
Isolation		1500V DC		
Analog Input				
No. of Inputs		4		4
Input type		0 to 10V, 0/4 to 20mA		0 to 10V, 0/4 to 20mA
Resolution		1 / 0.1 / 0.01 for analog input		1 / 0.1 / 0.01 for analog input
Isolation		2000V DC		2000V DC
Digital Output				
No. of Outputs			4	
Grouping			4+1	
Type			Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)	
Dielectric strength			Between Coil to contact 4000VAC 1min Between Open contact 1000VAC 1min	
Operation Supply				
Nominal Voltage		24 VDC		
Voltage Range		8 - 30 VDC		
Consumption		<1.2W		
Isolation		2500 VDC		

Edge Connectivity



	Flux-2161	PORTA-14W34	PORTA-14W24	PORTA-24W34
General				
Configuration	Web server (Wi-Fi AP mode for device configuration only)			
Over Air updates	Yes			
Factory Reset	Yes			
Wi-Fi				
Standard	802.11 b/g/n			
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT			
Network Modes	Station (STA) / AP			
Transmission Power	18.0 dBm @ 1DSSS, 14.5 dBm @ OFDM			
Receiver Sensitivity	-95.7 dBm @ 1DSSS, -74.0 dBm @ OFDM			
RS-485				
No Ports	1	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII			
Baud Rate	300 to 230400 bps			
Isolation	2500V DC			
Digital Input				
No. of Inputs	-	4		-
Grouping		4+1		
Type of Inputs		Sinking		
Isolation		1500V DC		
Analog Input				
No. of Inputs		4		4
Input type		0 to 10V, 0/4 to 20mA		0 to 10V, 0/4 to 20mA
Resolution		1 / 0.1 / 0.01 for analog input		1 / 0.1 / 0.01 for analog input
Isolation		2000V DC		2000V DC
Digital Output				
No. of Outputs			4	
Grouping			4+1	
Type			Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)	
Dielectric strength			Between Coil to contact 4000VAC 1min Between Open contact 1000VAC 1min	
Operation Supply				
Nominal Voltage		24 VDC		
Voltage Range		8 - 30 VDC		
Consumption		<1.2W		
Isolation		2500 VDC		

Edge Connectivity



	Flux-2661	PORTA-14C34	PORTA-14C24	PORTA-24C34
General				
Configuration	Web server (Wi-Fi AP mode for device configuration only)			
Over Air updates	Yes			
Factory Reset	Yes			
4G				
Frequency bands	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 GSM: 900/1800MHz			
Data Transfer	LTE(Mbps): 10(DL)/5(UL) GPRS/EDGE(Kbps): 236.8(DL)/236.8(UL)			
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT			
RS-485				
No Ports	1	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII			
Baud Rate	300 to 230400 bps			
Isolation	2500V DC			
Digital Input				
No. of Inputs	-	4		-
Grouping	4+1			
Type of Inputs	Sinking			
Isolation	1500V DC			
Analog Input				
No. of Inputs	4		4	
Input type	0 to 10V, 0/4 to 20mA		0 to 10V, 0/4 to 20mA	
Resolution	1 / 0.1 / 0.01 for analog input		1 / 0.1 / 0.01 for analog input	
Isolation	2000V DC		2000V DC	
Digital Output				
No. of Outputs			4	
Grouping			4+1	
Type	Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)			
Dielectric strength	Between Coil to contact 4000VAC 1min			
	Between Open contact 1000VAC 1min			
Operation Supply				
Nominal Voltage	24 VDC			
Voltage Range	8 - 30 VDC			
Consumption	<1.2W			
Isolation	2500 VDC			

Edge Connectivity



	Flux-2461	PORTA-14L34	PORTA-14L24	PORTA-24L34
General				
Configuration	Web server (Wi-Fi AP mode for device configuration only)			
Over Air updates	Yes			
Factory Reset	Yes			
LoRa				
Frequency bands	433 or 803-930 MHz			
Distance	Up to 6Km in town and 10km in Suburbs			
Data Transfer	Up to 300kbps (programmable)			
Max. Output Power	+ 22 dBm			
Receiver Sensitivity	- 148 dBm			
RS-485				
No Ports	1	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII			
Baud Rate	300 to 230400 bps			
Isolation	2500V DC			
Digital Input				
No. of Inputs	-	4		-
Grouping		4+1		
Type of Inputs		Sinking		
Isolation		1500V DC		
Analog Input				
No. of Inputs		4		4
Input type		0 to 10V, 0/4 to 20mA		0 to 10V, 0/4 to 20mA
Resolution		1 / 0.1 / 0.01 for analog input		1 / 0.1 / 0.01 for analog input
Isolation		2000V DC		2000V DC
Digital Output				
No. of Outputs				4
Grouping				4+1
Type				Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)
Dielectric strength				Between Coil to contact 4000VAC 1min Between Open contact 1000VAC 1min
Operation Supply				
Nominal Voltage		24 VDC		
Voltage Range		8 - 30 VDC		
Consumption		<1.2W		
Isolation		2500 VDC		

Edge Connectivity



	IONet-18E2438	IONet-18E28	IONet-112E38
General			
Configuration	Web server (Wi-Fi AP mode for device configuration only)		
Over Air updates	Yes		
Factory Reset	Yes		
Ethernet			
No. of Ports	1		
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT		
Data Transmission Rate	10/100 Base-TX		
Isolation	1500 VDC		
RS-485			
No Ports	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII		
Baud Rate	300 to 230400 bps		
Isolation	2500V DC		
Digital Input			
No. of Inputs	8	8	12
Grouping	8+1	8+1	8+1, 4+1
Type of Inputs	Sinking	Sinking	Sinking
Isolation	1500V DC	1500V DC	1500V DC
Analog Input			
No. of Inputs	4		
Input type	0 to 10V, 0/4 to 20mA		
Resolution	1 / 0.1 / 0.01 for analog input		
Isolation	2000V DC		
Digital Output			
No. of Outputs	8		
Grouping	4+1		
Type	Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)		
Dielectric strength	Between Coil to contact 4000VAC 1min		
	Between Open contact 1000VAC 1min		
Operation Supply			
Nominal Voltage	24 VDC		
Voltage Range	8 - 30 VDC		
Consumption	<1.2W		
Isolation	2500 VDC		

Edge Connectivity



	IONet-18W2438	IONet-18W28	IONet-112W38
General			
Configuration	Web server (Wi-Fi AP mode for device configuration only)		
Over Air updates	Yes		
Factory Reset	Yes		
Wi-Fi			
Standard	802.11 b/g/n		
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT		
Network Modes	Station (STA) / AP		
Transmission Power	18.0 dBm @ 1DSSS, 14.5 dBm @ OFDM		
Receiver Sensitivity	-95.7 dBm @ 1DSSS, -74.0 dBm @ OFDM		
RS-485			
No Ports	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII		
Baud Rate	300 to 230400 bps		
Isolation	2500V DC		
Digital Input			
No. of Inputs	8	8	12
Grouping	8+1	8+1	8+1, 4+1
Type of Inputs	Sinking	Sinking	Sinking
Isolation	1500V DC	1500V DC	1500V DC
Analog Input			
No. of Inputs	4		
Input type	0 to 10V, 0/4 to 20mA		
Resolution	1 / 0.1 / 0.01 for analog input		
Isolation	2000V DC		
Digital Output			
No. of Outputs	8		
Grouping	4+1		
Type	Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)		
Dielectric strength	Between Coil to contact 4000VAC 1min		
	Between Open contact 1000VAC 1min		
Operation Supply			
Nominal Voltage	24 VDC		
Voltage Range	8 - 30 VDC		
Consumption	<1.2W		
Isolation	2500 VDC		

Edge Connectivity



	IONet-18C2438	IONet-18C28	IONet-112C38
General			
Configuration	Web server (Wi-Fi AP mode for device configuration only)		
Over Air updates	Yes		
Factory Reset	Yes		
4G			
Frequency bands	LTE-FDD: B1/B3/B5/B8		
Data Transfer	LTE-TDD: B34/B38/B39/B40/B41		
Protocol	GSM: 900/1800MHz		
RS-485			
No Ports	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII		
Baud Rate	300 to 230400 bps		
Isolation	2500V DC		
Digital Input			
No. of Inputs	8	8	12
Grouping	8+1	8+1	8+1, 4+1
Type of Inputs	Sinking	Sinking	Sinking
Isolation	1500V DC	1500V DC	1500V DC
Analog Input			
No. of Inputs	4		
Input type	0 to 10V, 0/4 to 20mA		
Resolution	1 / 0.1 / 0.01 for analog input		
Isolation	2000V DC		
Digital Output			
No. of Outputs	8		
Grouping	4+1		
Type	Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)		
Dielectric strength	Between Coil to contact 4000VAC 1min		
	Between Open contact 1000VAC 1min		
Operation Supply			
Nominal Voltage	24 VDC		
Voltage Range	8 - 30 VDC		
Consumption	<1.2W		
Isolation	2500 VDC		

Edge Connectivity



	IONet-18L2438	IONet-18L28	IONet-112L38
General			
Configuration	Web server (Wi-Fi AP mode for device configuration only)		
Over Air updates	Yes		
Factory Reset	Yes		
LoRa			
Frequency bands	433 or 803-930 MHz		
Distance	Up to 6Km in town and 10km in Suburbs		
Data Transfer	Up to 300kbps (programmable)		
Max. Output Power	+ 22 dBm		
Receiver Sensitivity	- 148 dBm		
RS-485			
No Ports	1 (Optional)		
Operation Modes	Modbus RTU, Modbus ASCII		
Baud Rate	300 to 230400 bps		
Isolation	2500V DC		
Digital Input			
No. of Inputs	8	8	12
Grouping	8+1	8+1	8+1, 4+1
Type of Inputs	Sinking	Sinking	Sinking
Isolation	1500V DC	1500V DC	1500V DC
Analog Input			
No. of Inputs	4		
Input type	0 to 10V, 0/4 to 20mA		
Resolution	1 / 0.1 / 0.01 for analog input		
Isolation	2000V DC		
Digital Output			
No. of Outputs	8		
Grouping	4+1		
Type	Relay (1 C/O, 7A (Res.) @ 240 VAC / 30 VDC)		
Dielectric strength	Between Coil to contact 4000VAC 1min Between Open contact 1000VAC 1min		
Operation Supply			
Nominal Voltage	24 VDC		
Voltage Range	8 - 30 VDC		
Consumption	<1.2W		
Isolation	2500 VDC		

Edge Computing



	Aeon-2261	Aeon-2264
General		
Configuration	Web server (Wi-Fi AP mode for device configuration only)	
Over Air updates	Yes	
Factory Reset	Yes	
4G (Optional)		
Frequency bands	LTE-FDD: B1/B3/B5/B8 LTE-TDD: B34/B38/B39/B40/B41 GSM: 900/1800MHz	
Data Transfer	LTE(Mbps): 10(DL)/5(UL) GPRS/EDGE(Kbps): 236.8(DL)/236.8(UL)	
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT	
RS-485		
No. of Ports	1	4
Operation Modes	Modbus RTU, Modbus ASCII	
Baud Rate	300 to 230400 bps	
Isolation	2500V DC	
Ethernet		
No. of Ports	2	
Protocol	TCP / UDP / ARP / ICMP / DHCP / DNS / HTTP / MQTT	
Data Transmission Rate	10/100 Base-TX	
Isolation	1500 VDC	
Operation Supply		
Nominal Voltage	24 VDC	
Voltage Range	8 - 30 VDC	
Consumption	<10W	
Isolation	2500 VDC	

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Contact : +91-8806 844 844

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