

Electronic Products

EASION Series Remote I/O Modules



Type			EASION-1S-1A111	EASION-1S-A1111	EASION-1S-AA111
Definition			Remote I/O Module	Remote I/O Module	Remote I/O Module
Order Number			260 001	260 002	260 003
Casing Width(mm)			17,5	17,5	17,5
Connections			Screw terminal	Screw terminal	Screw terminal
Inputs and Outputs	Relay Outputs	Number of outputs	-	1 pcs.	1 pcs.
		Type	-	NO (SPST)	NO (SPST)
		Max. Switching Current	-	10 A	10 A
		Max. Switching Voltage	-	250 VAC	250 VAC
	Digital Inputs	Max. Switching Power	-	1250VA	1250VA
		Number of inputs	1 pcs.	-	1 pcs.
		Activation type	Active Low, Active High	-	Active Low, Active High
		Min. delay time	10msec	-	10msec
		Input Voltage	24..265V AC/DC	-	24..265V AC/DC
		Frequency	45-65Hz	-	45-65Hz
Supply	Voltage	Isolation Level	5kVRMS	-	5kVRMS
		DI Counter	Available	-	Available
		AC	85..265V	85..265V	85..265V
		DC	85..265V	85..265V	85..265V
Isolation			2,5kVRMS	1,5kVRMS	2,5kVRMS
Power Consumption	AC	< 2,2 VA	< 2,2 VA	< 2,2 VA	
	DC	< 1 W	< 1 W	< 1 W	
Connections	Power input	A1,A2	A1,A2	A1,A2	
	Input Connection	DI, COM+E27:G27E27E27:G31	DI, COM	DI, COM	
	Output Connection	11(COM),14(NO),12(NC)	11(COM),14(NO),12(NC)	11(COM),14(NO),12(NC)	
Communication		Protocol	Modbus RTU	Modbus RTU	Modbus RTU
		Baud rate	1200 -115200 bps adjustable	1200 -115200 bps adjustable	1200 -115200 bps adjustable
		Stop bit	1	1	1
		Address	1-247	1-247	1-247
		Isolation	2750V RMS	2750V RMS	2750V RMS
Permissible Ambient Temperature	During Operation	-20 to +60 °C	-20 to +60 °C	-20 to +60 °C	
	During Storage	-30°C..+80°C	-30°C..+80°C	-30°C..+80°C	
Relative Humidity			Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)
Degree of Protection			IP20	IP20	IP20
Weight(gr)			44	52	54
Mounting Type			Rail Mounted	Rail Mounted	Rail Mounted
Permissible mounting position			any	any	any
Schematics					

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Type				EASION 2M-1Z111-D	EASION 2M-1Z111	EASION 2M-11Z11
Definition				Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
Order Number				260 010	260 011	260 012
Casing Width(mm)				(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Connections				Screw terminal	Screw terminal	Screw terminal
Mounting Type				Rail Mounted	Rail Mounted	Rail Mounted
Inputs	Dry Contact	Number of inputs		24	-	-
		Number of inputs		-	24	-
	Wet Contact	Input Voltage		-	12 - 230 V AC/DC	-
		Input Current		-	1 mA at 5V AC/DC	-
				-	2,5 mA at 24V AC/DC	-
				-	4 mA at 230V AC/DC	-
		Frequency		-	45-65 Hz	-
		Insulation Level		-	5000Vrms optical insulation	-
Outputs	Digital Output (Sink)	Number of outputs		-	-	24
		Switching Current / Voltage		-	-	50mA / 5-30V DC
		Response Time		-	-	<18µs
	Relay Output	Number of outputs		-	-	-
		Max. Switching Current / Voltage / Power		-	-	-
		Mechanical Life Time		-	-	-
		Electrical Life Time		-	-	-
		Operate Time		-	-	-
Supply	Voltage	AC		24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
		DC		12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
Frequency				45-65 Hz	45-65 Hz	45-65 Hz
Power Consumption	AC			<13VA	<13VA	<13VA
	DC			<7W	<7W	<7W
Connections	Power input			Un	Un	Un
	Input Connection			Dlx,COM	Dlx+, Dlx-	-
	Output Connection			-	-	DOx+,DOx-
Communication	Serial Communication	RS485 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		Micro USB (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		RS232 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
	TCP/IP	HTTP REST	Communication Interface	-	-	-
			Baud rate	-	-	-
		MODBUS TCP	Communication Interface	-	-	-
MQTT, HTTP REST	Communication Interface		-	-	-	
Permissible Ambient Temperature			During Operation	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
			During Storage	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Relative Humidity				Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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Type				EASION 2M-Z1111	EASION 2M-LL111-D	EASION 2M-1LL11
Definition				Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
Order Number				260 013	260 014	260 015
Casing Width(mm)				(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Connections				Screw terminal	Screw terminal	Screw terminal
Mounting Type				Rail Mounted	Rail Mounted	Rail Mounted
Inputs	Dry Contact	Number of inputs	-	12	-	
	Wet Contact	Number of inputs	-	-	12	
		Input Voltage			12 - 230 V AC/DC	
		Input Current			1 mA at 5V AC/DC	
			-	-	2,5 mA at 24V AC/DC	
					4 mA at 230V AC/DC	
		Frequency	-	-	45-65 Hz	
		Insulation Level	-	-	5000Vrms optical insulation	
Outputs	Digital Output (Sink)	Number of outputs	-	-	12	
		Switching Current / Voltage	-	-	50mA / 5-30V DC	
		Response Time	-	-	<18µs	
	Relay Output	Number of outputs	24	12	-	
		Max. Switching Current / Voltage / Power	5A / 250VAC /1250 VA	5A / 250VAC /1250 VA	-	
		Mechanical Life Time	5x10^6	5x10^6	-	
		Electrical Life Time	1,2x10^6	1,2x10^6	-	
		Operate Time	10 ms	10 ms	-	
Supply	Voltage	AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	
		DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	
Frequency				45-65 Hz	45-65 Hz	45-65 Hz
Power Consumption	AC		<13VA	<13VA	<13VA	
	DC		<7W	<7W	<7W	
Connections	Power input		Un	Un	Un	
	Input Connection		-	Dlx,COM	Dlx+, Dlx-	
	Output Connection		RLYx, Cx	RLYx, Cx	DOx+,DOx-	
Communication	Serial Communication	RS485 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		Micro USB (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		RS232 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		HTTP REST	Communication Interface	-	-	-
	Baud rate		-	-	-	
	TCP/IP	MODBUS TCP	Communication Interface	-	-	-
		MQTT, HTTP REST	Communication Interface	-	-	-
		Permissible Ambient Temperature		During Operation	-20°C..+70°C	-20°C..+70°C
During Storage	-20°C..+70°C			-20°C..+70°C	-20°C..+70°C	
Relative Humidity				Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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EASION 2M-1LL11-D	EASION 2M-LL111	EASION 3M-1Z111-D	EASION 3M-1Z111	EASION 3M-11Z11
Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
260 016	260 017	260 100	260 101	260 102
(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Screw terminal	Screw terminal	Screw terminal	Screw terminal	Screw terminal
Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted
12	-	24	-	-
-	12	-	24	-
-	12 - 230 V AC/DC	-	12 - 230 V AC/DC	-
-	1 mA at 5V AC/DC	-	1 mA at 5V AC/DC	-
-	2,5 mA at 24V AC/DC	-	2,5 mA at 24V AC/DC	-
-	4 mA at 230V AC/DC	-	4 mA at 230V AC/DC	-
-	45-65 Hz	-	45-65 Hz	-
-	5000Vrms optical insulation	-	5000Vrms optical insulation	-
12	-	-	-	24
50mA / 5-30V DC	-	-	-	50mA / 5-30V DC
<18µs	-	-	-	<18µs
-	12	-	-	-
-	5A / 250VAC /1250 VA	-	-	-
-	5x10 ⁶	-	-	-
-	1,2x10 ⁶	-	-	-
-	10 ms	-	-	-
24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz
<13VA	<13VA	<13VA	<13VA	<13VA
<7W	<7W	<7W	<7W	<7W
Un	Un	Un	Un	Un
Dlx,COM	Dlx+, Dlx-	Dlx,COM	Dlx+, Dlx-	-
DOx+,DOx-	RLYx, Cx	-	-	DOx+,DOx-
1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200
1,2	1,2	1,2	1,2	1,2
1 ..247	1 ..247	1 ..247	1 ..247	1 ..247
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200
1,2	1,2	1,2	1,2	1,2
1 ..247	1 ..247	1 ..247	1 ..247	1 ..247
-	-	-	-	-
-	-	-	-	-
-	-	√	√	√
-	-	-	-	-
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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Type				EASION 3M-Z1111	EASION 3M-LL111-D	EASION 3M-1LL11
Definition				Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
Order Number				260 103	260 104	260 105
Casing Width(mm)				(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Connections				Screw terminal	Screw terminal	Screw terminal
Mounting Type				Rail Mounted	Rail Mounted	Rail Mounted
Inputs	Dry Contact	Number of inputs		-	12	-
	Wet Contact	Number of inputs		-	-	12
		Input Voltage				12 - 230 V AC/DC
		Input Current				1 mA at 5V AC/DC
				-	-	2,5 mA at 24V AC/DC
						4 mA at 230V AC/DC
		Frequency		-	-	45-65 Hz
		Insulation Level		-	-	5000Vrms optical insulation
Outputs	Digital Output (Sink)	Number of outputs		-	-	12
		Switching Current / Voltage		-	-	50mA / 5-30V DC
		Response Time		-	-	<18µs
	Relay Output	Number of outputs		24	12	-
		Max. Switching Current / Voltage / Power		5A / 250VAC /1250 VA	5A / 250VAC /1250 VA	-
		Mechanical Life Time		5x10^6	5x10^6	-
		Electrical Life Time		1,2x10^6	1,2x10^6	-
		Operate Time		10 ms	10 ms	-
Supply	Voltage	AC		24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
		DC		12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
Frequency				45-65 Hz	45-65 Hz	45-65 Hz
Power Consumption	AC			<13VA	<13VA	<13VA
	DC			<7W	<7W	<7W
Connections	Power input			Un	Un	Un
	Input Connection			-	Dlx,COM	Dlx+, Dlx-
	Output Connection			RLYx, Cx	RLYx, Cx	DOx+,DOx-
Communication	Serial Communication	RS485 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		Micro USB (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		RS232 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
	TCP/IP	HTTP REST	Communication Interface	-	-	-
			Baud rate	-	-	-
		MODBUS TCP	Communication Interface	√	√	√
			MQTT, HTTP REST	Communication Interface	-	-
Permissible Ambient Temperature				During Operation	-20°C..+70°C	-20°C..+70°C
			During Storage	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Relative Humidity				Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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EASION 3M-1LL11-D	EASION 3M-LL111	EASION 4M-1Z111-D	EASION 4M-1Z111	EASION 4M-11Z11
Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
260 106	260 107	260 200	260 201	260 202
(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Screw terminal	Screw terminal	Screw terminal	Screw terminal	Screw terminal
Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted
12	-	24	-	-
-	12	-	24	-
-	12 - 230 V AC/DC	-	12 - 230 V AC/DC	-
-	1 mA at 5V AC/DC	-	1 mA at 5V AC/DC	-
-	2,5 mA at 24V AC/DC	-	2,5 mA at 24V AC/DC	-
-	4 mA at 230V AC/DC	-	4 mA at 230V AC/DC	-
-	45-65 Hz	-	45-65 Hz	-
-	5000Vrms optical insulation	-	5000Vrms optical insulation	-
12	-	-	-	24
50mA / 5-30V DC	-	-	-	50mA / 5-30V DC
<18µs	-	-	-	<18µs
-	12	-	-	-
-	5A / 250VAC /1250 VA	-	-	-
-	5x10 ⁶	-	-	-
-	1,2x10 ⁶	-	-	-
-	10 ms	-	-	-
24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz
<13VA	<13VA	<13VA	<13VA	<13VA
<7W	<7W	<7W	<7W	<7W
Un	Un	Un	Un	Un
Dlx,COM	Dlx+, Dlx-	Dlx,COM	Dlx+, Dlx-	-
DOx+,DOx-	RLYx, Cx	-	-	DOx+,DOx-
1200 .. 115200	1200 .. 115200	-	-	-
1,2	1,2	-	-	-
1 ..247	1 ..247	-	-	-
-	-	1200 .. 115200	1200 .. 115200	1200 .. 115200
-	-	1,2	1,2	1,2
-	-	1 ..247	1 ..247	1 ..247
1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200
1,2	1,2	1,2	1,2	1,2
1 ..247	1 ..247	1 ..247	1 ..247	1 ..247
-	-	-	-	-
-	-	-	-	-
√	√	√	√	√
-	-	-	-	-
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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Type				EASION 4M-Z1111	EASION 4M-LL111-D	EASION 4M-1LL11
Definition				Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
Order Number				260 203	260 204	260 205
Casing Width(mm)				(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Connections				Screw terminal	Screw terminal	Screw terminal
Mounting Type				Rail Mounted	Rail Mounted	Rail Mounted
Inputs	Dry Contact	Number of inputs		-	12	-
	Wet Contact	Number of inputs		-	-	12
		Input Voltage				12 - 230 V AC/DC
		Input Current				1 mA at 5V AC/DC
				-	-	2,5 mA at 24V AC/DC
						4 mA at 230V AC/DC
		Frequency		-	-	45-65 Hz
Outputs	Digital Output (Sink)	Insulation Level		-	-	5000Vrms optical insulation
		Number of outputs		-	-	12
		Switching Current / Voltage		-	-	50mA / 5-30V DC
	Relay Output	Response Time		-	-	<18µs
		Number of outputs		24	12	-
		Max. Switching Current / Voltage / Power		5A / 250VAC /1250 VA	5A / 250VAC /1250 VA	-
		Mechanical Life Time		5x10^6	5x10^6	-
		Electrical Life Time		1,2x10^6	1,2x10^6	-
Supply	Voltage	Operate Time		10 ms	10 ms	-
		AC		24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
		DC		12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
Frequency				45-65 Hz	45-65 Hz	45-65 Hz
Power Consumption	AC			<13VA	<13VA	<13VA
	DC			<7W	<7W	<7W
Connections	Power input			Un	Un	Un
	Input Connection			-	Dlx,COM	Dlx+, Dlx-
	Output Connection			RLYx, Cx	RLYx, Cx	DOx+,DOx-
Communication	Serial Communication	RS485 (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		Micro USB (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		RS232 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		HTTP REST	Communication Interface	-	-	-
			Baud rate	-	-	-
		TCP/IP	MODBUS TCP	Communication Interface	√	√
	MQTT, HTTP REST		Communication Interface	-	-	-
Permissible Ambient Temperature			During Operation	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
			During Storage	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Relative Humidity				Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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EASION 4M-1LL11-D	EASION 4M-LL111	EASION 5M-1Z111-D	EASION 5M-1Z111	EASION 5M-11Z11
Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
260 206	260 207	260 300	260 301	260 302
(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Screw terminal	Screw terminal	Screw terminal	Screw terminal	Screw terminal
Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted	Rail Mounted
12	-	24	-	-
-	12	-	24	-
	12 - 230 V AC/DC	-	12 - 230 V AC/DC	
	1 mA at 5V AC/DC		1 mA at 5V AC/DC	
-	2,5 mA at 24V AC/DC	-	2,5 mA at 24V AC/DC	-
	4 mA at 230V AC/DC		4 mA at 230V AC/DC	
-	45-65 Hz	-	45-65 Hz	-
-	5000Vrms optical insulation	-	5000Vrms optical insulation	-
12	-	-	-	24
50mA / 5-30V DC	-	-	-	50mA / 5-30V DC
<18µs	-	-	-	<18µs
-	12	-	-	-
-	5A / 250VAC / 1250 VA	-	-	-
-	5x10 ⁶	-	-	-
-	1,2x10 ⁶	-	-	-
-	10 ms	-	-	-
24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz	45-65 Hz
<13VA	<13VA	<13VA	<13VA	<13VA
<7W	<7W	<7W	<7W	<7W
Un	Un	Un	Un	Un
Dlx,COM	Dlx+, Dlx-	Dlx,COM	Dlx+, Dlx-	-
DOx+,DOx-	RLYx, Cx	-	-	DOx+,DOx-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
1200 .. 115200	1200 .. 115200	-	-	-
1,2	1,2	-	-	-
1 ..247	1 ..247	-	-	-
1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200	1200 .. 115200
1,2	1,2	1,2	1,2	1,2
1 ..247	1 ..247	1 ..247	1 ..247	1 ..247
-	-	Micro USB	Micro USB	Micro USB
-	-	38400	38400	38400
√	√	√	√	√
-	-	Ethernet 10/100 Base - TX	Ethernet 10/100 Base - TX	Ethernet 10/100 Base - TX
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

Electronic & Energy Management Products

SENSOR Series



Type				EASION 5M-Z1111	EASION 5M-LL111-D	EASION 5M-1LL11
Definition				Multi-channel Remote I/O	Multi-channel Remote I/O	Multi-channel Remote I/O
Order Number				260 303	260 304	260 305
Casing Width(mm)				(95mmx160mm)x58mm	(95mmx160mm)x58mm	(95mmx160mm)x58mm
Connections				Screw terminal	Screw terminal	Screw terminal
Mounting Type				Rail Mounted	Rail Mounted	Rail Mounted
Inputs	Dry Contact	Number of inputs		-	12	-
	Wet Contact	Number of inputs		-	-	12
		Input Voltage				12 - 230 V AC/DC
		Input Current				1 mA at 5V AC/DC
				-	-	2,5 mA at 24V AC/DC
						4 mA at 230V AC/DC
		Frequency		-	-	45-65 Hz
		Insulation Level		-	-	5000Vrms optical insulation
Outputs	Digital Output (Sink)	Number of outputs		-	-	12
		Switching Current / Voltage		-	-	50mA / 5-30V DC
		Response Time		-	-	<18µs
	Relay Output	Number of outputs		24	12	-
		Max. Switching Current / Voltage / Power		5A / 250VAC /1250 VA	5A / 250VAC /1250 VA	-
		Mechanical Life Time		5x10^6	5x10^6	-
		Electrical Life Time		1,2x10^6	1,2x10^6	-
Operate Time		10 ms	10 ms	-		
Supply	Voltage	AC		24 – 50 V AC	24 – 50 V AC	24 – 50 V AC
		DC		12 – 50 V DC	12 – 50 V DC	12 – 50 V DC
Frequency				45-65 Hz	45-65 Hz	45-65 Hz
Power Consumption	AC			<13VA	<13VA	<13VA
	DC			<7W	<7W	<7W
Connections	Power input			Un	Un	Un
	Input Connection			-	Dlx,COM	Dlx+, Dlx-
	Output Connection			RLYx, Cx	RLYx, Cx	DOx+,DOx-
Communication	Serial Communication	RS485 (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		Micro USB (MODBUS RTU)	Baud rate	-	-	-
			Stop bit	-	-	-
			Slave ID	-	-	-
		RS232 (MODBUS RTU)	Baud rate	1200 .. 115200	1200 .. 115200	1200 .. 115200
			Stop bit	1,2	1,2	1,2
			Slave ID	1 ..247	1 ..247	1 ..247
		HTTP REST	Communication Interface	Micro USB	Micro USB	Micro USB
			Baud rate	38400	38400	38400
	TCP/IP	MODBUS TCP	Communication Interface	√	√	√
		MQTT, HTTP REST	Communication Interface	Ethernet 10/100 Base - TX	Ethernet 10/100 Base - TX	Ethernet 10/100 Base - TX
Permissible Ambient Temperature			During Operation	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
			During Storage	-20°C..+70°C	-20°C..+70°C	-20°C..+70°C
Relative Humidity				Max.95% (no condensation)	Max.95% (no condensation)	Max.95% (no condensation)

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EASION 5M-1LL11-D	EASION 5M-LL111
Multi-channel Remote I/O	Multi-channel Remote I/O
260 306	260 307
(95mmx160mm)x58mm	(95mmx160mm)x58mm
Screw terminal	Screw terminal
Rail Mounted	Rail Mounted
12	-
-	12
	12 - 230 V AC/DC
	1 mA at 5V AC/DC
-	2,5 mA at 24V AC/DC
	4 mA at 230V AC/DC
-	45-65 Hz
-	5000Vrms optical insulation
12	-
50mA / 5-30V DC	-
<18µs	-
-	12
-	5A / 250VAC /1250 VA
-	5x10 ⁶
-	1,2x10 ⁶
-	10 ms
24 – 50 V AC	24 – 50 V AC
12 – 50 V DC	12 – 50 V DC
45-65 Hz	45-65 Hz
<13VA	<13VA
<7W	<7W
Un	Un
Dlx,COM	Dlx+, Dlx-
DOx+,DOx-	RLYx, Cx
-	-
-	-
-	-
-	-
-	-
-	-
1200 .. 115200	1200 .. 115200
1,2	1,2
1 ..247	1 ..247
Micro USB	Micro USB
38400	38400
√	√
Ethernet 10/100 Base - TX	Ethernet 10/100 Base - TX
-20°C..+70°C	-20°C..+70°C
-20°C..+70°C	-20°C..+70°C
Max.95% (no condensation)	Max.95% (no condensation)