



OVERVIEW BIGIOs

	GENERAL					DIGITAL										ANALOGUE			LED STRIPES		INFO		
	HOUSING	12-48V=	ETHERNET	RS485	REMARK	DIGITAL INPUTS DC signals ≤48V=	DIGITAL INPUTS AC/DC signals ≤250V≈~	DIGITAL OUTPUTS ≤30V= ≤350mA/channel	DIGITAL OUTPUTS ≤30V= ≤700mA/channel	DIGITAL OUTPUTS ≤30V≈~ with current measurement	RELAY OUTPUTS AgSnO ₂ ≤30V≈ ≤250V~ ≤8A	RELAY OUTPUTS AgSnO ₂ ≤30V≈ ≤250V~ ≤6A	BISTABLE RELAY OUTPUTS AgSnO ₂ ≤30V≈ ≤250V~≤8A	SOLID STATE OUTPUTS ≤230V≈~ ≤1A	SOLID STATE OUTPUTS ≤60V~≈ ≤3A	SOLID STATE OUTPUTS ≤60V~≈ ≤6A	UNIVERSAL IN/OUTPUTS 0-10V≈ 0/4-20mA RTD sensors 0-1MΩ LOGIC INPUT ≤40V ≤1.8mA	ANALOGUE INPUTS 0-10V≈	ANALOGUE OUTPUTS 0-10V≈	TEMPERATURE SENSOR INPUTS PT100 PT1000 NI1000 NI120 ...	LED STRIPES PWM DIMMER Constant Voltage ≤60V≈ ≤15A	LED STRIPES intelligent WS28xx +5V or +12V	CATALOG page
BIGIOs – DIGITAL INPUTS																							
RESI-14RI-SIO	XT8	X		1			14																IO-85
RESI-14RI-ETH	XT8	X	1				14																IO-86
RESI-48RI-SIO	XT8	X		1			48																IO-87
RESI-48RI-ETH	XT8	X	1				48																IO-88
RESI-6DI-SIO	XT4	X		1		6																	IO-89
RESI-6DI-ETH	XT4	X	1			6																	IO-90
RESI-12DI-SIO	XT4	X		1		12																	IO-91
RESI-12DI-ETH	XT4	X	1			12																	IO-92
RESI-24DI-SIO	XT4	X		1		24																	IO-93
RESI-24DI-ETH	XT4	X	1			24																	IO-94
RESI-32DI-SIO	XT8	X		1		32																	IO-95
RESI-32DI-ETH	XT8	X	1			32																	IO-96
RESI-64DI-SIO	XT12	X		1		64																	IO-97
RESI-64DI-ETH	XT12	X	1			64																	IO-98
RESI-128DI-SIO	XT12	X		1		128																	IO-99
RESI-128DI-ETH	XT12	X	1			128																	IO-100
RESI-152DI-SIO	XT12	X		1		152																	IO-101
RESI-152DI-ETH	XT12	X	1			152																	IO-102
BIGIOs – DIGITAL OUTPUTS																							
RESI-6DO-SIO	XT4	X		1				6															IO-103
RESI-6DO-ETH	XT4	X	1					6															IO-104
RESI-12DO-SIO	XT4	X		1				12															IO-105
RESI-12DO-ETH	XT4	X	1					12															IO-106
RESI-24DO-SIO	XT4	X		1				24															IO-107
RESI-24DO-ETH	XT4	X	1					24															IO-108
RESI-L30DO-SIO	XT8	X		1			30																IO-109
RESI-L30DO-ETH	XT8	X	1				30																IO-110
RESI-30DO-SIO	XT8	X		1				30															IO-109
RESI-30DO-ETH	XT8	X	1					30															IO-110
RESI-L60DO-SIO	XT12	X		1			60																IO-111
RESI-L60DO-ETH	XT12	X	1				60																IO-112
RESI-60DO-SIO	XT12	X		1				60															IO-111
RESI-60DO-ETH	XT12	X	1					60															IO-112
RESI-90DO-SIO	XT12	X		1				90															IO-113
RESI-90DO-ETH	XT12	X	1					90															IO-114
RESI-12DOI-SIO	XT8	X		1					12														IO-115
RESI-12DOI-ETH	XT8	X	1						12														IO-116
RESI-8CO-SIO	XT8	X		1	A					8													IO-117
RESI-8CO-ETH	XT8	X	1		A					8													IO-118
RESI-8RO-SIO	XT8	X		1	C						8												IO-121
RESI-8RO-ETH	XT8	X	1		C						8												IO-122
RESI-12RO-SIO	XT12	X		1	B						12												IO-123
RESI-12RO-ETH	XT12	X	1		B						12												IO-124
RESI-16RO-SIO	XT12	X		1	C						16												IO-125
RESI-16RO-ETH	XT12	X	1		C						16												IO-126
RESI-24RO-SIO	XT12	X		1	B						24												IO-127
RESI-24RO-ETH	XT12	X	1		B						24												IO-128
RESI-S8PO-SIO	XT8	X		1																			IO-137
RESI-S8PO-ETH	XT8	X	1																				IO-138
RESI-8PO-SIO	XT12	X		1																			IO-145
RESI-8PO-ETH	XT12	X	1																				IO-146
RESI-S12PO-SIO	XT12	X		1																			IO-141
RESI-S12PO-ETH	XT12	X	1																				IO-142
RESI-10SSR-1A-SIO	XT8	X		1	B									10									IO-129
RESI-10SSR-1A-ETH	XT8	X	1		B									10									IO-130
RESI-10SSR-3A-SIO	XT8	X		1	B										10								IO-129
RESI-10SSR-3A-ETH	XT8	X	1		B										10								IO-130
RESI-10SSR-6A-SIO	XT8	X		1	B											10							IO-129
RESI-10SSR-6A-ETH	XT8	X	1		B											10							IO-130
RESI-20SSR-1A-SIO	XT12	X		1	B									20									IO-131
RESI-20SSR-1A-ETH	XT12	X	1		B									20									IO-132
RESI-20SSR-3A-SIO	XT12	X		1	B										20								IO-131
RESI-20SSR-3A-ETH	XT12	X	1		B										20								IO-132
RESI-20SSR-6A-SIO	XT12	X		1	B											20							IO-131
RESI-20SSR-6A-ETH	XT12	X	1		B											20							IO-132

	GENERAL					DIGITAL										ANALOGUE			LED STRIPES		INFO		
	HOUSING	12-48V=	ETHERNET	RS485	REMARK	DIGITAL INPUTS DC signals ≤48V=	DIGITAL INPUTS AC/DC signals ≤250V ~	DIGITAL OUTPUTS ≤30V= ≤350mA/channel	DIGITAL OUTPUTS ≤30V= ≤700mA/channel	DIGITAL OUTPUTS ≤30V= ~ with current measurement	RELAY OUTPUTS AgSnO ₂ ≤30V= ≤250V~ ≤8A	RELAY OUTPUTS AgSnO ₂ ≤30V= ≤250V~ ≤6A	BISTABLE RELAY OUTPUTS AgSnO ₂ ≤30V _F , ≤250V~ ≤8A	SOLID STATE OUTPUTS ≤230V~ = ≤1A	SOLID STATE OUTPUTS ≤60V~ = ≤3A	SOLID STATE OUTPUTS ≤60V~ = ≤6A	UNIVERSAL IN/OUTPUTS 0-10V= 0/4-20mA RTD sensors 0-1mΩ LOGIC INPUT ≤40V ≤1.8mA	ANALOGUE INPUTS 0-10V=	ANALOGUE OUTPUTS 0-10V=	TEMPERATURE SENSOR INPUTS PT100 PT1000 NI1000 NI120 ...	LED STRIPES PWM DIMMER Constant Voltage ≤60V= ≤15A	LED STRIPES intelligent WS28xx +5V or +12V	CATALOG page
BIGIOs – DIGITAL INPUTS & OUTPUTS																							
RESI-6DI6DO-SIO	XT4	X		1		6		6															IO-138
RESI-6DI6DO-ETH	XT4	X	1			6		6															IO-139
RESI-12DI12DO-SIO	XT4	X		1		12		12															IO-140
RESI-12DI12DO-ETH	XT4	X	1			12		12															IO-141
RESI-L16DI15DO-SIO	XT8	X		1		16		15															IO-142
RESI-L16DI15DO-ETH	XT8	X	1			16		15															IO-143
RESI-16DI15DO-SIO	XT8	X		1		16		15															IO-142
RESI-16DI15DO-ETH	XT8	X	1			16		15															IO-143
RESI-L32DI30DO-SIO	XT12	X		1		32		30															IO-144
RESI-L32DI30DO-ETH	XT12	X	1			32		30															IO-145
RESI-32DI30DO-SIO	XT12	X		1		32		30															IO-144
RESI-32DI30DO-ETH	XT12	X	1			32		30															IO-145
RESI-L64DI60DO-SIO	XT12	X		1		64		60															IO-146
RESI-L64DI60DO-ETH	XT12	X	1			64		60															IO-147
RESI-64DI60DO-SIO	XT12	X		1		64		60															IO-146
RESI-64DI60DO-ETH	XT12	X	1			64		60															IO-147
RESI-76DI72DO-SIO	XT12	X		1		76		72															IO-148
RESI-76DI72DO-ETH	XT12	X	1			76		72															IO-149
RESI-10RI8RO-SIO	XT8	X		1	C		10					8											IO-150
RESI-10RI8RO-ETH	XT8	X	1		C		10					8											IO-151
RESI-20RI16RO-SIO	XT12	X		1	C		20					16											IO-152
RESI-20RI16RO-ETH	XT12	X	1		C		20					16											IO-153
RESI-32DI12RO-SIO	XT12	X		1	C	32						12											IO-154
RESI-32DI12RO-ETH	XT12	X	1		C	32						12											IO-155
RESI-32DI24RO-SIO	XT12	X		1	C	32						24											IO-156
RESI-32DI24RO-ETH	XT12	X	1		C	32						24											IO-157
RESI-44DI12DO24RO-SIO	XT12	X		1	C	44		12				24											IO-158
RESI-44DI12DO24RO-ETH	XT12	X	1		C	44		12				24											IO-159
RESI-7RI5SSR-1A-SIO	XT8	X		1	B		7							5									IO-122
RESI-7RI5SSR-1A-ETH	XT8	X	1		B		7							5									IO-123
RESI-7RI5SSR-3A-SIO	XT8	X		1	B		7								5								IO-122
RESI-7RI5SSR-3A-ETH	XT8	X	1		B		7								5								IO-123
RESI-7RI5SSR-6A-SIO	XT8	X		1	B		7									5							IO-122
RESI-7RI5SSR-6A-ETH	XT8	X	1		B		7									5							IO-123
RESI-14RI10SSR-1A-SIO	XT12	X		1	B		14							10									IO-124
RESI-14RI10SSR-1A-ETH	XT12	X	1		B		14							10									IO-125
RESI-14RI10SSR-3A-SIO	XT12	X		1	B		14								10								IO-124
RESI-14RI10SSR-3A-ETH	XT12	X	1		B		14								10								IO-125
RESI-14RI10SSR-6A-SIO	XT12	X		1	B		14									10							IO-124
RESI-14RI10SSR-6A-ETH	XT12	X	1		B		14									10							IO-125
RESI-S16DI8PO-SIO	XT8	X		1	B	16																	IO-128
RESI-S16DI8PO-ETH	XT8	X	1		B	16																	IO-129
RESI-16RI8PO-SIO	XT12	X		1	B		16																IO-136
RESI-16RI8PO-ETH	XT12	X	1		B		16																IO-137
RESI-S20RI12PO-SIO	XT12	X		1	B		20																IO-132
RESI-S20RI12PO-ETH	XT12	X	1		B		20																IO-133
BIGIOs – DIGITAL INPUTS & OUTPUTS – SPECIAL PURPOSE																							
RESI-4SB-SIO	XT8	X		1	CD							8											IO-160
RESI-4SB-ETH	XT8	X	1		CD							8											IO-161
RESI-8SB-SIO	XT12	X		1	CD							16											IO-162
RESI-8SB-ETH	XT12	X	1		CD							16											IO-163
RESI-10RI4SB-SIO	XT8	X		1	CD		10					8											IO-164
RESI-10RI4SB-ETH	XT8	X	1		CD		10					8											IO-165
RESI-20RI8SB-SIO	XT12	X		1	CD		20					16											IO-166
RESI-20RI8SB-ETH	XT12	X	1		CD		20					16											IO-167
BIGIOs – ANALOGUE INPUTS																							
RESI-12AIU-SIO	XT8	X		1													12						IO-176
RESI-12AIU-ETH	XT8	X	1														12						IO-177
RESI-8RTD-SIO	XT8	X		1	E													8					IO-180
RESI-8RTD-ETH	XT8	X	1		E													8					IO-181
RESI-8RTD2-SIO	XT8	X		1	F													8					IO-182
RESI-8RTD2-ETH	XT8	X	1		F													8					IO-183
BIGIOs – ANALOGUE OUTPUTS																							
RESI-12AOU-SIO	XT8	X		1														12					IO-178
RESI-12AOU-ETH	XT8	X	1															12					IO-179
BIGIOs – ANALOGUE INPUTS & OUTPUTS																							
RESI-4AIOX-SIO	XT4	X		1													4						IO-170
RESI-4AIOX-ETH	XT4	X	1														4						IO-171
RESI-8AIOX-SIO	XT4	X		1														8					IO-172
RESI-8AIOX-ETH	XT4	X	1															8					IO-173
RESI-16AIOX-SIO	XT4	X		1															16				IO-174
RESI-16AIOX-ETH	XT4	X	1																16				IO-175

	GENERAL					DIGITAL												ANALOGUE				LED STRIPES		INFO
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BIGIOs – COMBINED MODULES - DIGITAL & ANALOGUE INPUTS & OUTPUTS																								
RESI-6DI6DO4AIOX-SIO	XT4	X		1		6			6								4							IO-185
RESI-6DI6DO4AIOX-ETH	XT4	X	1			6			6								4							IO-186
RESI-6DI6DO8AIOX-SIO	XT4	X		1		6			6								8							IO-187
RESI-6DI6DO8AIOX-ETH	XT4	X	1			6			6								8							IO-188
RESI-16DI15DO4AIOX-SIO	XT8	X		1		16			15								4							IO-189
RESI-16DI15DO4AIOX-ETH	XT8	X	1			16			15								4							IO-190
RESI-16DI15DO8AIOX-SIO	XT8	X		1		16			15								8							IO-191
RESI-16DI15DO8AIOX-ETH	XT8	X	1			16			15								8							IO-192
RESI-16DI15DO16AIOX-SIO	XT8	X		1		16			15								16							IO-193
RESI-16DI15DO16AIOX-ETH	XT8	X	1			16			15								16							IO-194
RESI-32DI30DO4AIOX-SIO	XT12	X		1		32			30								4							IO-195
RESI-32DI30DO4AIOX-ETH	XT12	X	1			32			30								4							IO-196
RESI-32DI30DO8AIOX-SIO	XT12	X		1		32			30								8							IO-197
RESI-32DI30DO8AIOX-ETH	XT12	X	1			32			30								8							IO-198
RESI-32DI30DO16AIOX-SIO	XT12	X		1		32			30								16							IO-199
RESI-32DI30DO16AIOX-ETH	XT12	X	1			32			30								16							IO-200
RESI-L64DI60DO4AIOX-SIO	XT12	X		1		64		60									4							IO-201
RESI-L64DI60DO4AIOX-ETH	XT12	X	1			64		60									4							IO-202
RESI-L64DI60DO8AIOX-SIO	XT12	X		1		64		60									8							IO-203
RESI-L64DI60DO8AIOX-ETH	XT12	X	1			64		60									8							IO-204
RESI-L64DI60DO16AIOX-SIO	XT12	X		1		64		60									16							IO-205
RESI-L64DI60DO16AIOX-ETH	XT12	X	1			64		60									16							IO-206
RESI-64DI60DO4AIOX-SIO	XT12	X		1		64			60								4							IO-201
RESI-64DI60DO4AIOX-ETH	XT12	X	1			64			60								4							IO-202
RESI-64DI60DO8AIOX-SIO	XT12	X		1		64			60								8							IO-203
RESI-64DI60DO8AIOX-ETH	XT12	X	1			64			60								8							IO-204
RESI-64DI60DO16AIOX-SIO	XT12	X		1		64			60								16							IO-205
RESI-64DI60DO16AIOX-ETH	XT12	X	1			64			60								16							IO-206
RESI-32DI12RO4AIOX-SIO	XT12	X		1	B	32						12					4							IO-207
RESI-32DI12RO4AIOX-ETH	XT12	X	1		B	32						12					4							IO-208
RESI-32DI12RO8AIOX-SIO	XT12	X		1	B	32						12					8							IO-209
RESI-32DI12RO8AIOX-ETH	XT12	X	1		B	32						12					8							IO-210
RESI-32DI12RO16AIOX-SIO	XT12	X		1	B	32						12					16							IO-211
RESI-32DI12RO16AIOX-ETH	XT12	X	1		B	32						12					16							IO-212
RESI-32DI24RO4AIOX-SIO	XT12	X		1	B	32						24					4							IO-213
RESI-32DI24RO4AIOX-ETH	XT12	X	1		B	32						24					4							IO-214
RESI-32DI24RO8AIOX-SIO	XT12	X		1	B	32						24					8							IO-215
RESI-32DI24RO8AIOX-ETH	XT12	X	1		B	32						24					8							IO-216
RESI-32DI24RO16AIOX-SIO	XT12	X		1	B	32						24					16							IO-217
RESI-32DI24RO16AIOX-ETH	XT12	X	1		B	32						24					16							IO-218
RESI-38DI6DO24RO8AIOX-SIO	XT12	X		1	B	38		6				24					8							IO-219
RESI-38DI6DO24RO8AIOX-ETH	XT12	X	1		B	38		6				24					8							IO-220
RESI-6DI6DO16RI8PO8AIOX-SIO	XT12	X		1	B	6	16	6									8							IO-221
RESI-6DI6DO16RI8PO8AIOX-ETH	XT12	X	1		B	6	16	6									8							IO-222
RESI-70DI66DO8AIOX-SIO	XT12	X		1	B	70			66								8							IO-223
RESI-70DI66DO8AIOX-ETH	XT12	X	1		B	70			66								8							IO-224
BIGIOs – LED STRIPES																								
RESI-4LED-SIO	XT8	X		1																	12xPWM			IO-168
RESI-4LED-ETH	XT8	X	1																		12xPWM			IO-169
A	Form C relays																							
B	Form A relays																							
C	Form A relays with common supply and root																							
D	Firmware for time control of shades or blinds																							
E	RTD measurement of 2-wire, 3-wire and 4-wire sensors																							
F	RTD measurement of 4-wire sensors																							
XT2	XT2: 35x110x60mm																							
XT4	XT4: 72x110x62mm																							
XT5	XT5: 87.8x110x62mm																							
XT8	XT8: 143x110x62mm																							
XT12	XT12: 213x110x62mm																							
GREEN	This product is normally on stock or within 1-3 weeks available																							
ORANGE	This product is almost deliverable, currently we need 1-2 month to manufacture it																							
RED	Sorry, but we cannot manufacture and deliver this product within the next 3-4 month due to the component crisis																							
Valid from 01.01.2025, subject to errors and to technical changes as part of product improvement																								