



OVERVIEW BIGIOs

	GENERAL				DIGITAL										ANALOGUE			LED STRIPES		INFO							
	HOUSING	12-48V= =	ETHERNET	RS485	REMARK	DIGITAL INPUTS DC signals $\leq 48V =$	DIGITAL INPUTS AC/DC signals $\leq 250V \sim$	DIGITAL OUTPUTS $\leq 30V =$ $\leq 700mA/channel$	DIGITAL OUTPUTS $\leq 30V =$ with current measurement	RELAY OUTPUTS AgSiNO ₂ $\leq 30V =$ $\leq 250V \sim$ $\leq 8A$	RELAY OUTPUTS AgSiNO ₂ $\leq 30V =$ $\leq 250V \sim$ $\leq 6A$	BISTABLE RELAY OUTPUTS AgSiNO ₂ $\leq 30V =$ $\leq 250V \sim$ $\leq 8A$	BISTABLE RELAY OUTPUTS AgSiNO ₂ $\leq 250V \sim$ $\leq 16A$	SOLID STATE OUTPUTS $\leq 230V \sim =$ $\leq 1A$	SOLID STATE OUTPUTS $\leq 60V \sim =$ $\leq 3A$	SOLID STATE OUTPUTS $\leq 60V \sim =$ $\leq 6A$	UNIVERSAL IN/OUTPUTS 0-10V = 0/4-20mA RTD sensors 0-1M Ω LOGIC INPUT $\leq 40V \leq 1.8mA$	ANALOGUE INPUTS 0-10V =	ANALOGUE OUTPUTS 0-10V =	TEMPERATURE SENSOR INPUTS PT100 PT1000 NI1000 NI120 ...	LED STRIPES PWM DIMMER Constant Voltage $\leq 60V =$ $\leq 1.5A$	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-30DO-SIO	XT8	X	1			30																					IO-109
RESI-30DO-ETH	XT8	X	1			30																					IO-110
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-8COBI-SIO	XT8	X	1	A							8																IO-119
RESI-8COBI-ETH	XT8	X	1	A							8																IO-120
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-8PO-SIO	XT8	X	1	B							8																IO-137
RESI-8PO-ETH	XT8	X	1	B							8																IO-138
RESI-8PO-SIO	XT12	X	1	B							8																IO-145
RESI-8PO-ETH	XT12	X	1	B							8																IO-146
RESI-512PO-SIO	XT12	X	1	A							12																IO-141
RESI-512PO-ETH	XT12	X	1	A							12																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=~/700mA/channel	DIGITAL OUTPUTS ≤30V=~/ with current measurement	RELAY OUTPUTS Ag5NO; ≤30V=~/ ≤250V~/ ≤8A	RELAY OUTPUTS Ag5NO; ≤30V=~/ ≤250V~/ ≤6A	BISTABLE RELAY OUTPUTS Ag5NO; ≤30V=~/ ≤250V~/ ≤8A	BISTABLE RELAY OUTPUTS Ag5NO; ≤250V~/ ≤16A	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-16DI15DO-SIO	XT8	X		1		16	15															IO-142
RESI-16DI15DO-ETH	XT8	X	1			16	15															IO-143
RESI-32DI30DO-SIO	XT12	X		1		32	30															IO-144
RESI-32DI30DO-ETH	XT12	X	1			32	30															IO-145
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					8												IO-150
RESI-10RI8RO-ETH	XT8	X	1		C					8												IO-151
RESI-20RI16RO-SIO	XT12	X		1	C					16												IO-152
RESI-20RI16RO-ETH	XT12	X	1		C					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				24												IO-158
RESI-44DI12DO24RO-ETH	XT12	X	1		C	44				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-516DI8PO-SIO	XT8	X		1	B	16								8								IO-128
RESI-516DI8PO-ETH	XT8	X	1		B	16								8								IO-129
RESI-16RI8PO-SIO	XT12	X		1	B		16							8								IO-136
RESI-16RI8PO-ETH	XT12	X	1		B		16							8								IO-137
RESI-S20RI12PO-SIO	XT12	X		1	B		20							12								IO-132
RESI-S20RI12PO-ETH	XT12	X	1		B		20							12								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		
	HOUSING	12-48V =	ETHERNET	RS485	REMARK	DIGITAL INPUTS DC signals ≤48V =	DIGITAL INPUTS AC/DC signals ≤250V = ~	DIGITAL OUTPUTS ≤30V = ≤700mA/channel	DIGITAL OUTPUTS ≤30V = ~ with current measurement	RELAY OUTPUTS Ag 5NO; ≤30V = ≤250V ~ 58A	RELAY OUTPUTS Ag 5NO; ≤30V = ≤250V ~ 56A	BISTABLE RELAY OUTPUTS Ag 5NO; ≤30V = ≤250V ~ 58A	BISTABLE RELAY OUTPUTS Ag 5NO; ≤250V ~ 56A	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

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-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									8	IO-221
RESI-6DI6DO16RI8PO8AIOX-ETH	XT12	X	1		B	6	16	6					8									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 01.01.2024, subject to errors and to technical changes as part of product improvement