




OVERVIEW T4 CONTROLLER

	GENERAL												INTERFACES						EXTENSIONS			OS SUPPORT			INFO							
	HOUSING	POWER SUPPLY 12-48V=	RASPBERRY® Controller	CPU Quad core 64-bit ARM-Cortex A72@ 1.5GHz	RAM in GB	SD CARD exchangeable, in GB	HDMI Micro HDMI 4K	AUDIO+ COMPOSITE TV 4-ring TS5 A/V jack	WIFI+ BLUETOOTH 802.11 b/g/n/ac Wireless LAN Bluetooth 5.0 with BLE	DIP SWITCHES 8 switches	LEDs	REMARK		ETHERNET Gigabit	USB 2.0	USB 3.0	RS232	RS485	KNX	CAN 2.0B	CAN 2.0B+CAN FD		REAL TIME CLOCK accu buffered	ferromagnetic RAM 2kByte	ARM coprocessor supports DIP switch, LEDs and all serial interfaces		LINUX® Standard Raspberry® distribution	CODESYS® preinstalled runtime	SPECIAL OS preinstalled	CATALOG page		
RESI-T4-xx Raspberry Pi4© based LINUX controller with serial interfaces																																
RESI-T4-Z-2GB	XT4	X	Pi4 B	X	2	32	2	1	X					1	2	2											X				T4-11	
RESI-T4-A-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	A		1	2	2		3						X	X	X	X					T4-12
RESI-T4-B-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	A		1	2	2	1	2						X	X	X	X					T4-13
RESI-T4-C-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	A		1	2	2	2	1						X	X	X	X					T4-14
RESI-T4-D-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	A		1	2	2	3							X	X	X	X					T4-15
RESI-T4-Z-4GB	XT4	X	Pi4 B	X	4	32	2	1	X					1	2	2												X				T4-11
RESI-T4-A-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	A		1	2	2		3						X	X	X	X					T4-12
RESI-T4-B-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	A		1	2	2	1	2						X	X	X	X					T4-13
RESI-T4-C-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	A		1	2	2	2	1						X	X	X	X					T4-14
RESI-T4-D-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	A		1	2	2	3							X	X	X	X					T4-15
RESI-T4-Z-8GB	XT4	X	Pi4 B	X	8	32	2	1	X					1	2	2												X				T4-11
RESI-T4-A-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	A		1	2	2		3						X	X	X	X					T4-12
RESI-T4-B-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	A		1	2	2	1	2						X	X	X	X					T4-13
RESI-T4-C-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	A		1	2	2	2	1						X	X	X	X					T4-14
RESI-T4-D-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	A		1	2	2	3							X	X	X	X					T4-15
RESI-T4-xx Raspberry Pi4© based LINUX controller with KNX interface and serial interfaces																																
RESI-T4-KA-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	B		1	2	2		2	1					X	X	X	X					T4-15
RESI-T4-KB-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	B		1	2	2	1	1	1					X	X	X	X					T4-17
RESI-T4-KC-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	B		1	2	2	2		1					X	X	X	X					T4-18
RESI-T4-KA-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	B		1	2	2		2	1					X	X	X	X					T4-15
RESI-T4-KB-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	B		1	2	2	1	1	1					X	X	X	X					T4-17
RESI-T4-KC-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	B		1	2	2	2		1					X	X	X	X					T4-18
RESI-T4-KA-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	B		1	2	2		2	1					X	X	X	X					T4-15
RESI-T4-KB-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	B		1	2	2	1	1	1					X	X	X	X					T4-17
RESI-T4-KC-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	B		1	2	2	2		1					X	X	X	X					T4-18
RESI-T4-xx Raspberry Pi4© based LINUX controller with CAN 2.0B and serial interfaces																																
RESI-T4-N-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	AC		1	2	2												X				T4-20
RESI-T4-A-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	AC		1	2	2		3						X	X	X	X					T4-21
RESI-T4-B-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X	X					T4-22
RESI-T4-C-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X	X					T4-23
RESI-T4-D-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	AC		1	2	2	3							X	X	X	X					T4-24
RESI-T4-N-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	AC		1	2	2												X				T4-20
RESI-T4-A-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	AC		1	2	2		3						X	X	X	X					T4-21
RESI-T4-B-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X	X					T4-22
RESI-T4-C-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X	X					T4-23
RESI-T4-D-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	AC		1	2	2	3							X	X	X	X					T4-24
RESI-T4-N-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	AC		1	2	2												X				T4-20
RESI-T4-A-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	AC		1	2	2		3						X	X	X	X					T4-21
RESI-T4-B-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X	X					T4-22
RESI-T4-C-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X	X					T4-23
RESI-T4-D-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	AC		1	2	2	3							X	X	X	X					T4-24
RESI-T4-xx Raspberry Pi4© based LINUX controller with CAN 2.0B and KNX interfaces and serial interfaces																																
RESI-T4-KA-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	BC		1	2	2		2	1					X	X	X	X					T4-25
RESI-T4-KB-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	BC		1	2	2	1	1	1					X	X	X	X					T4-26
RESI-T4-KC-CAN-2GB	XT4	X	Pi4 B	X	2	32	2	1	X	1	3	BC		1	2	2	2		1					X	X	X	X					T4-27
RESI-T4-KA-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	BC		1	2	2		2	1					X	X	X	X					T4-25
RESI-T4-KB-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	BC		1	2	2	1	1	1					X	X	X	X					T4-26
RESI-T4-KC-CAN-4GB	XT4	X	Pi4 B	X	4	32	2	1	X	1	3	BC		1	2	2	2		1					X	X	X	X					T4-27
RESI-T4-KA-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	BC		1	2	2		2	1					X	X	X	X					T4-25
RESI-T4-KB-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	BC		1	2	2	1	1	1					X	X	X	X					T4-26
RESI-T4-KC-CAN-8GB	XT4	X	Pi4 B	X	8	32	2	1	X	1	3	BC		1	2	2	2		1					X	X	X	X					T4-27

GENERAL												INTERFACES						EXTENSIONS				OS SUPPORT			INFO								
	HOUSING	POWER SUPPLY 12-48V =	RASPBERRY® Controller	CPU Quad core 64-bit ARM- Cortex A72@1.5GHz	RAM in GB	SD CARD exchangeable in GB	HDMI Micro HDMI 4K	AUDIO+COMPOSITE TV 4-ring TRS A/V-jack	WIFI+ BLUETOOTH 802.11 b/g/n/ac Wireless LAN Bluetooth 5.0 with BLE	DIP SWITCHES 8 switches	LEDs	REMARK		ETHERNET Gigabit	USB 2.0	USB 3.0	RS232	RS485	KNX	CAN 2.0B	CAN 2.0B+CAN FD		REAL TIME CLOCK accu buffered	ferromagnetic RAM 256Byte	ARM coprocessor supports DIP switches and all serial interfaces		LINUX® Standard Raspberry® distribution	CODESYS® preinstalled runtime	SPECIAL OS preinstalled	CATALOG page			
RESI-T4-xx Raspberry Pi4® based LINUX controller with CAN 2.0B+CAN FD and serial interfaces																																	
RESI-T4-N-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	AC		1	2	2											X				T4-29		
RESI-T4-A-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	AC		1	2	2		3						X	X	X		X				T4-30	
RESI-T4-B-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X		X				T4-31	
RESI-T4-C-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X		X				T4-32	
RESI-T4-D-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	AC		1	2	2	3							X	X	X		X				T4-33	
RESI-T4-N-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	AC		1	2	2												X				T4-29	
RESI-T4-A-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	AC		1	2	2		3						X	X	X		X				T4-30	
RESI-T4-B-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X		X				T4-31	
RESI-T4-C-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X		X				T4-32	
RESI-T4-D-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	AC		1	2	2	3							X	X	X		X				T4-33	
RESI-T4-N-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	AC		1	2	2												X				T4-29	
RESI-T4-A-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	AC		1	2	2		3						X	X	X		X				T4-30	
RESI-T4-B-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	AC		1	2	2	1	2						X	X	X		X				T4-31	
RESI-T4-C-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	AC		1	2	2	2	1						X	X	X		X				T4-32	
RESI-T4-D-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	AC		1	2	2	3							X	X	X		X				T4-33	
RESI-T4-xx Raspberry Pi4® based LINUX controller with CAN 2.0B+CAN FD and KNX interfaces and serial interfaces																																	
RESI-T4-KA-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	BC		1	2	2		2	1						X	X	X		X				T4-34
RESI-T4-KB-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	BC		1	2	2	1	1	1						X	X	X		X				T4-35
RESI-T4-KC-CFD-2GB	XT4	X	PI4 B	X	2	32	2	1	X	1	3	BC		1	2	2	2		1						X	X	X		X				T4-36
RESI-T4-KA-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	BC		1	2	2		2	1						X	X	X		X				T4-34
RESI-T4-KB-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	BC		1	2	2	1	1	1						X	X	X		X				T4-35
RESI-T4-KC-CFD-4GB	XT4	X	PI4 B	X	4	32	2	1	X	1	3	BC		1	2	2	2		1						X	X	X		X				T4-36
RESI-T4-KA-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	BC		1	2	2		2	1						X	X	X		X				T4-34
RESI-T4-KB-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	BC		1	2	2	1	1	1						X	X	X		X				T4-35
RESI-T4-KC-CFD-8GB	XT4	X	PI4 B	X	8	32	2	1	X	1	3	BC		1	2	2	2		1						X	X	X		X				T4-36
RESI-T4-xx Raspberry Pi4® based LINUX controller with CODESYS® runtime preinstalled																																	
-CM	Please add -CM to the order number Additional CODESYS multi core runtime preinstalled																											X					
A	All serial interfaces connect via USB to standard UARTs dev/ttyACMx, one special UART dev/ttyACMx is used internal communication to ARM coprocessor																																
B	KNX interface can be used as normal UART dev/ttyACMx e.g. with KNXD All other serial interfaces connect via USB to standard UARTs dev/ttyACMx One special UART dev/ttyACMx is used internal communication to ARM coprocessor																																
C	CAN interface is directly connected via IO ports to Raspberry controller																																
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																																
	Raspberry Pi is a trademark of the Raspberry Pi Foundation. More information under www.raspberrypi.org																																
Valid from 01.01.2024, subject to errors and to technical changes as part of product improvement																																	