

RESI.LICHT.PRODUKTE

Übersicht unseres DALI und DMX Produktspektrums



DALI:

- NEW** Automatische Suche nach neuen DALI Leuchten samt Zuweisung von DALI Kurzadressen
- NEW** Komplette Konfiguration einer DALI Leuchte (Dimmrate, Gruppen, Szenen, etc.)
- NEW** Ausführliche Funktionen für das Umbenennen und Testen von DALI Leuchten mit Kurzadressen
- NEW** Spezielle Funktionen für das Zuweisen und Testen von DALI Gruppen
- NEW** Kompletter Funktionsumfang zum Testen einer DALI Installation
- NEW** Ausführliche Online Hilfe zu jeder Funktion in unserer Software im Internet

DMX:

- NEW** Testfunktion für alle 512 DMX Register in einem DMX Universum
- NEW** Größe des DMX Rahmens ist einstellbar zwischen 1 und 512 DMX Bytes

LED Streifen:

- NEW** Direkte Ansteuerung von LED Streifen mit dimmbaren PWM Kanälen (für RGB, Dual Weiss, Monocolore LED Streifen)
- NEW** 2 Varianten RESI-1LED-xxx: 3 PWM Kanäle RESI-4LED-xxx: 12 PWM Kanäle

Licht Akteur:

- NEW** 8 bistabile Relais mit Handebene für Lichtapplikationen (max. 250vac, 16A, 200µF)
- NEW** 16 Digitaleingänge für 12-48Vdc Signale (z.B.: Taster)
- NEW** Interne Logik um mit den Digitaleingängen die Relais zu bedienen (Stand Alone Modus)

KOSTENLOSE KONFIGURATIONS SOFTWARE

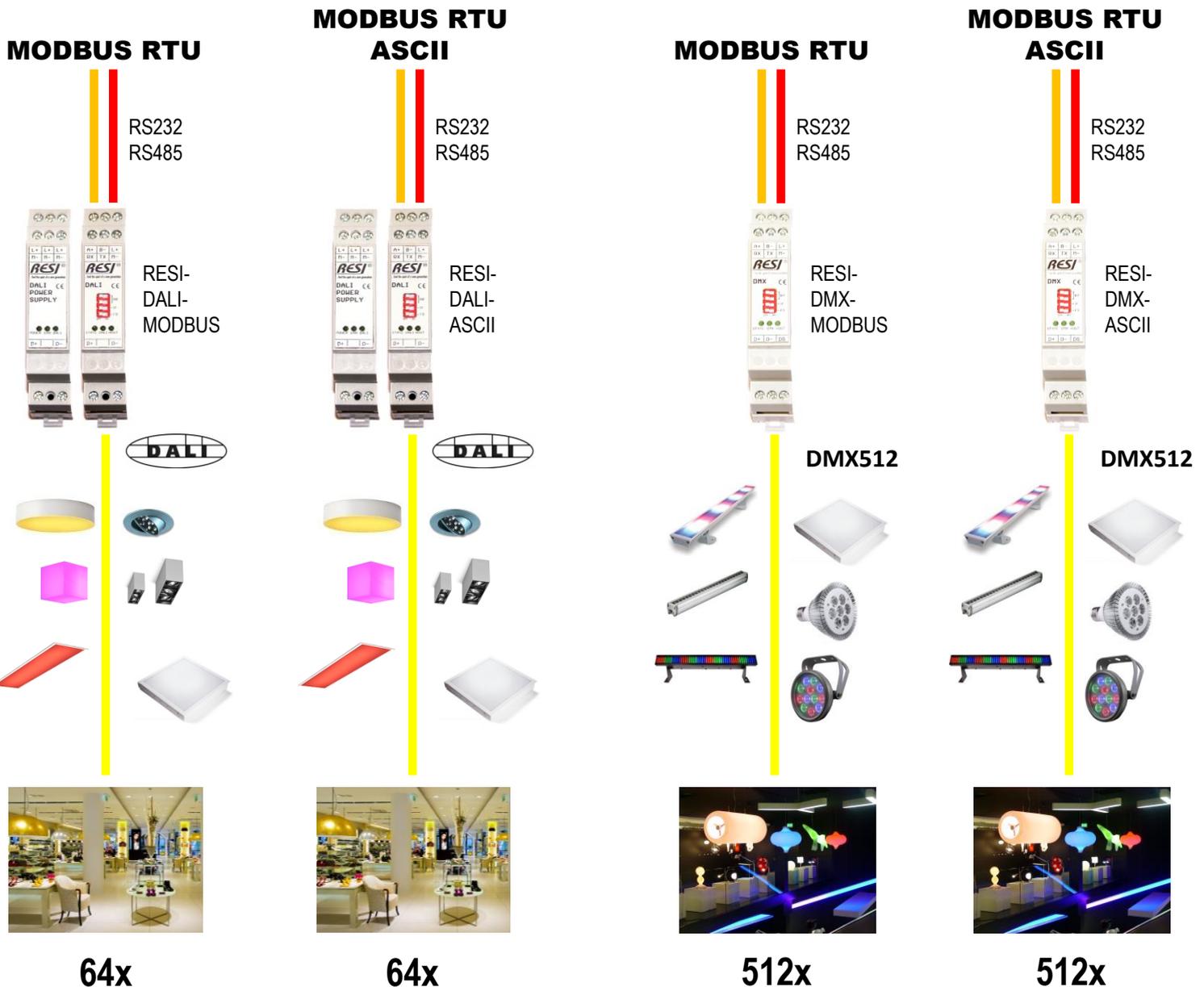
Sie können unsere kostenlose MODBUSConfigurator Software von unserer Homepage www.RESI.cc herunterladen. Wenn Sie das Tool schon installiert haben, wird dieses über das Internet automatisch aktualisiert.

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RESI.LICHT.PRODUKTE

Übersicht über unsere DALI und DMX Gateways

HOST SYSTEME



RESI.LICHT.PRODUKTE

Übersicht über unsere PWM Module für LED Streifen

HOST SYSTEME



19" Serversysteme

PC Workstations

SPSen

DDCs - AutoGers

Industriecomputer

MODBUS RTU

RS232
RS485



RESI-
1LED-
MODBUS



3xPWM
1 Gruppe
LED Streifen
max. 48Vdc
max. 5A/Kanal

MODBUS RTU ASCII

RS232
RS485



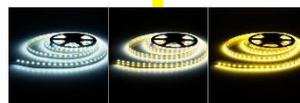
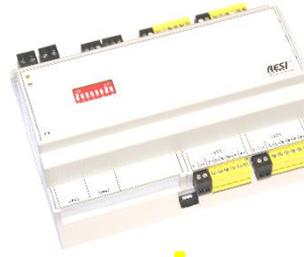
RESI-
1LED-
ASCII



3xPWM
1 Gruppe
LED Streifen
max. 48Vdc
max. 5A/Kanal

MODBUS RTU

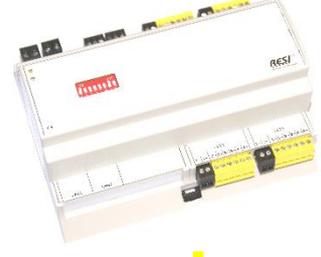
RS485
RESI-
4LED-
MODBUS



3xPWM
4 Gruppen
LED Streifen
max. 48Vdc
max. 5A/Kanal

MODBUS RTU ASCII

RS485
RESI-
4LED-
ASCII



3xPWM
4 Gruppen
LED Streifen
max. 48Vdc
max. 5A/Kanal

RESI.LICHT.PRODUKTE

Übersicht über unsere Aktoren speziell für Licht

HOST SYSTEME



19" Serversysteme

PC Workstations

SPSen

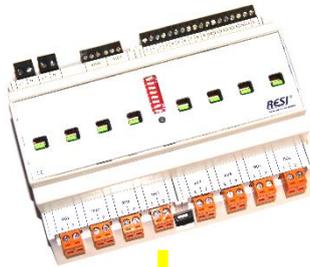
DDCs - AutoGers

Industriecomputer

MODBUS RTU

RS485

RESI-16DI8RO-MODBUS



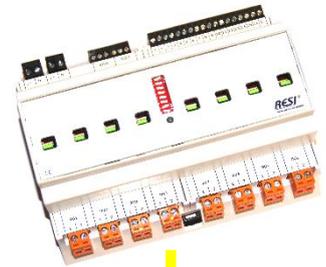
Ausgangsleistung pro Kanal:

| | |
|---|------------------|
| Glühlampen | 4.800 W |
| Leuchtstofflampen unkompensiert | 5.000 W |
| Leuchtstofflampen parallelkompensiert | 2.500 W / 200 µF |
| Leuchtstofflampen Duo-Schaltung | 2 x 5.000 W |
| Halogenlampen (230 VAC) | 5.000 W |
| NV Halogenlampe mit Trafo | 2.000 VA |
| Quecksilber- | |
| Natriumdampf lampen unkompensiert | 5.000 W |
| Quecksilber- | |
| Natriumdampf lampen parallelkompensiert | 5.000 W / 200 µF |
| Dulux lampen unkompensiert | 4.000 W |
| Dulux lampen parallelkompensiert | 3.000 W / 200 µF |

MODBUS RTU ASCII

RS485

RESI-16DI8RO-ASCII



16 Digitaleingänge 12..48Vdc
8 bistabile Relaisausgänge
Handebene
max 250Vac
max 16A
max 200µF



16 Digitaleingänge 12..48Vdc
8 bistabile Relaisausgänge
Handebene
max 250Vac
max 16A
max 200µF

RESI.LICHT.PRODUKTE

Übersicht unseres DALI und DMX Produktspektrums

The screenshot displays the 'RESI's MODBUS Configurator V1.0.5.19' software interface. The main window is titled 'Dali lamp settings' and shows configuration options for a lamp named 'Keller #1'. The 'Project manager' on the left lists a project 'RESI-DALI-MODBUS - [RESI-DALI-MODBUS]' with sub-items for 'Keller #1' through 'Keller #12' and 'Wintergarten #1' through 'Wintergarten #8'. The 'Dali lamp settings' panel includes fields for 'Lamp name', 'Short address' (0), 'Physical minimum' (126), 'Minimum value' (126), 'Maximum value' (254), 'Power up value' (254), 'Bus fault value' (254), 'Fade time [s]' (no fading), and 'Fade rate [steps/s]' (44.725). A 'Scene values' section contains a 4x4 grid of dropdown menus, all set to 'deactivated'. Below this is a 'Groups' section with checkboxes for groups 0 through 15.

Two smaller windows are also visible. The 'Reorder DALI Lamps' window shows a status of 'Pulsing short address 20 with 201' and two columns of radio buttons for 'Short Addresses' and 'New Short Addresses', both ranging from 0 to 63. The 'Initialise new Dali lamps' window shows 'Initialisation mode' set to 'Random address' and 'all ballasts' selected. It includes a 'Name for Lamps' field set to 'Lamp', a 'Status' field, and a 'Select short address' list with '0' selected. The 'Lamp name' field is set to 'My Lamp 0'.

The 'Test bench' window is located at the bottom left. It features a 'Destination' section with radio buttons for 'single lamp' (0), 'lamp group' (0), and 'all lamps' (selected). An 'Execute!' button is below. The 'Function' section has radio buttons for 'Set brightness to value 0', 'Set brightness to value 126', 'Set brightness to value 254' (selected), 'Set brightness to value: [254]', and 'Execute command: Switch off'. A dropdown menu shows '0x00'.

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Übersicht unseres DALI und DMX Produktspektrums

Project manager
New Project
RESI-DMX-MODBUS - [RESI-DMX-MODBUS]

Local Com-Port settings
Modbus unit: 255 IP-Address:
Device: COM4 Port:
Baudrate: 57600 Parity: NONE

Common
Download config Test connection Test
Device name: RESI-DMX-MODBUS Device type: DMX512 to MODBUS/RTU module for up to 512 DMX lamps
Software version: ??? State: ???

Device specific
DMX Start DMX Stop Set DMX Length Get DMX Length Read DMX Values Write DMX Values
Modbus address: 255 Modbus baudrate: 19200 DMX length: 512
Modbus parity: NONE

DMX universe

| New Value | Index | Value | Comment |
|-----------|-------|--------|------------|
| | 1 | 0,0x00 | no comment |
| | 2 | 0,0x00 | no comment |
| | 3 | 0,0x00 | no comment |
| | 4 | 0,0x00 | no comment |
| | 5 | 0,0x00 | no comment |
| | 6 | 0,0x00 | no comment |
| | 7 | 0,0x00 | no comment |
| | 8 | 0,0x00 | no comment |
| | 9 | 0,0x00 | no comment |
| | 10 | 0,0x00 | no comment |
| | 11 | 0,0x00 | no comment |
| | 12 | 0,0x00 | no comment |
| | 13 | 0,0x00 | no comment |
| | 14 | 0,0x00 | no comment |
| | 15 | 0,0x00 | no comment |

Project manager
New Project
RESI-16DI8RO-ASCII - [RESI-16DI8RO-ASCII]

Local COM port settings
Modbus unit: 1 Device: COM8 IP-Address:
Baudrate: 57600 Parity: NONE Port:

Device specific
Download config Test connection Test
RESI-16DI8RO-ASCII 16DI8RO to ASCII module with 16 DiS 12-48Vdc and 8ROs 250VAc, 16A, 200JF
Software version: 1.0.0 State: no error
FRAM MODBUS Unit: Only valid if DIP switch is set to 0 on IO module
Set: 234

Reset Counters Set relay outputs Enable Logic Disable Logic Clear all logic Configure Logic

| Register | Value | Comment |
|----------|----------|----------------------------------|
| 4x00001 | 0x0000,0 | Counter for rising edges on D11 |
| 4x00002 | 0x0000,0 | Counter for falling edges on D11 |
| 4x00003 | 0x0000,0 | Counter for rising edges on D12 |
| 4x00004 | 0x0000,0 | Counter for falling edges on D12 |
| 4x00005 | 0x0000,0 | Counter for rising edges on D13 |
| 4x00006 | 0x0000,0 | Counter for falling edges on D13 |
| 4x00007 | 0x0000,0 | Counter for rising edges on D14 |
| 4x00008 | 0x0000,0 | Counter for falling edges on D14 |
| 4x00009 | 0x0000,0 | Counter for rising edges on D15 |
| 4x00010 | 0x0000,0 | Counter for falling edges on D15 |
| 4x00011 | 0x0000,0 | Counter for rising edges on D16 |
| 4x00012 | 0x0000,0 | Counter for falling edges on D16 |
| 4x00013 | 0x0000,0 | Counter for rising edges on D17 |
| 4x00014 | 0x0000,0 | Counter for falling edges on D17 |
| 4x00015 | 0x0000,0 | Counter for rising edges on D18 |
| 4x00016 | 0x0000,0 | Counter for falling edges on D18 |
| 4x00017 | 0x0000,0 | Counter for rising edges on D19 |
| 4x00018 | 0x0000,0 | Counter for falling edges on D19 |
| 4x00019 | 0x0000,0 | Counter for rising edges on D10 |
| 4x00020 | 0x0000,0 | Counter for falling edges on D10 |
| 4x00021 | 0x0000,0 | Counter for rising edges on D11 |
| 4x00022 | 0x0000,0 | Counter for falling edges on D11 |

Project manager
New Project
RESI-4LED-ASCII - [RESI-4LED-ASCII]

Local COM port settings
Modbus unit: 1 Device:
Baudrate: 57600 Parity:

Device specific
Download config Test connection Test
RESI-4LED-ASCII
Software version: 1.0.0 State: no error
FRAM MODBUS Unit: Only valid if DIP switch is set to 0 on IO module
Set: 45

Choose demo Set LED mode Set channel A Set channel B Set channel C Set fade speed Set minimum time Set maximum time LED Group 1

| Register | Value | Comment |
|----------|-----------|--|
| 4x00001 | 0x0000,0 | Current value for LED channel L01 LED Group #1 A (0.4095-0.100' |
| 4x00002 | 0x0000,0 | Current value for LED channel L02 LED Group #1 B (0.4095-0.100' |
| 4x00003 | 0x0000,0 | Current value for LED channel L03 LED Group #1 C (0.4095-0.100' |
| 4x00004 | 0x0000,0 | Current value for LED channel L04 LED Group #2 A (0.4095-0.100' |
| 4x00005 | 0x0000,0 | Current value for LED channel L05 LED Group #2 B (0.4095-0.100' |
| 4x00006 | 0x0000,0 | Current value for LED channel L06 LED Group #2 C (0.4095-0.100' |
| 4x00007 | 0x0000,0 | Current value for LED channel L07 LED Group #3 A (0.4095-0.100' |
| 4x00008 | 0x0000,0 | Current value for LED channel L08 LED Group #3 B (0.4095-0.100' |
| 4x00009 | 0x0000,0 | Current value for LED channel L09 LED Group #3 C (0.4095-0.100' |
| 4x00010 | 0x0000,0 | Current value for LED channel L010 LED Group #4 A (0.4095-0.100' |
| 4x00011 | 0x0000,0 | Current value for LED channel L011 LED Group #4 B (0.4095-0.100' |
| 4x00012 | 0x0000,0 | Current value for LED channel L012 LED Group #4 C (0.4095-0.100' |
| 4x00013 | 0x0001,1 | Current mode for LED group 1 (0=OFF,1=ON,2=FLASH,3=FADE,4=R |
| 4x00014 | 0x0001,1 | Current mode for LED group 2 (0=OFF,1=ON,2=FLASH,3=FADE,4=R |
| 4x00015 | 0x0001,1 | Current mode for LED group 3 (0=OFF,1=ON,2=FLASH,3=FADE,4=R |
| 4x00016 | 0x0001,1 | Current mode for LED group 4 (0=OFF,1=ON,2=FLASH,3=FADE,4=R |
| 4x00017 | 0x000a,10 | Current fade speed for FADE.RANDOM for LED group 1 in steps pe |
| 4x00018 | 0x000a,10 | Current fade speed for FADE.RANDOM for LED group 2 in steps pe |
| 4x00019 | 0x000a,10 | Current fade speed for FADE.RANDOM for LED group 3 in steps pe |
| 4x00020 | 0x000a,10 | Current fade speed for FADE.RANDOM for LED group 4 in steps pe |

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