MEAN WELL

Your Reliable Power Partner





KNX

Building Automation Solutions

Product Range Overview



2026 February

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Company Profile

Founded in 1982, MEAN WELL is one of the few professional manufacturers worldwide dedicated primarily to standard power supply products. With a strong global manufacturing footprint, MEAN WELL operates five production bases located in New Taipei City, Taiwan; Guangzhou and Suzhou, China; Bengaluru, India; and Kansas City, USA. MEAN WELL's global headquarters is situated in the New Taipei Industrial Park, Taiwan, and it maintains subsidiaries and representative offices in Guangzhou, Shenzhen, Suzhou, and Hong Kong; California, USA; the Netherlands in Europe; Turkey in Asia; as well as Singapore, Malaysia, and India—enabling comprehensive global sales, service, and support coverage. The product lines include AC/DC switching power supplies, DC/DC converters, waterproof LED drivers, adaptors, DC/AC inverters and battery chargers. We have over 10,000 standard models widely used in medical, automation, communication, LED lighting, moving sign, and office automation applications.

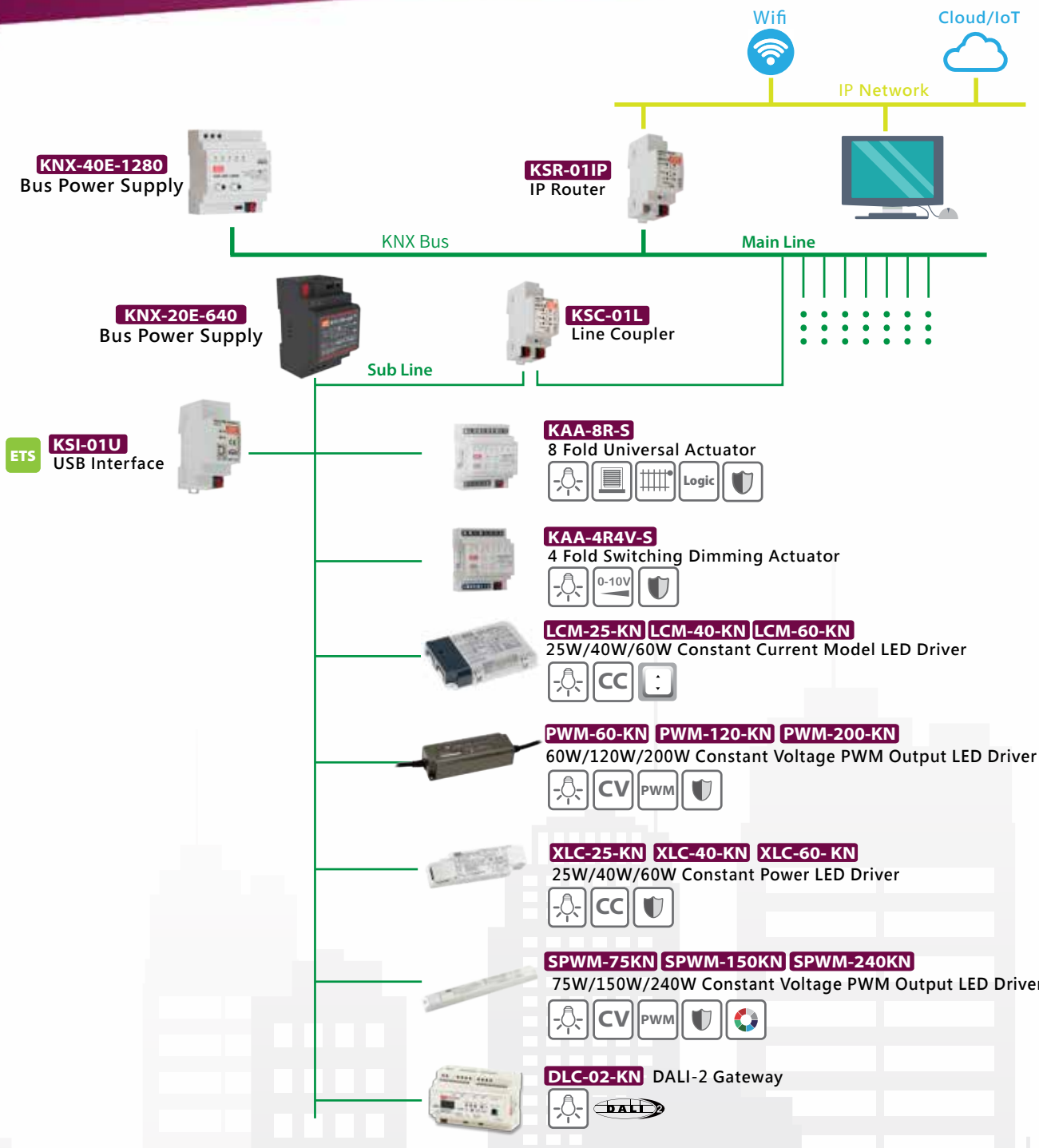
With more than 40 years of experience in R&D and production of standard power supplies, MEAN WELL has 12 product categories covering over 10,000 models, to provide "One Stop Shopping" power solutions. Every product in MEAN WELL is the result of rigid procedures governing design, design verification test (DVT), design quality test (DQT), component selection, pilot-run production, and mass production.

With more than 260 distributors globally, the MEAN WELL products are distributed to over 80 countries worldwide. The small size orders can expect delivery within 24 hours without MOQ requirement. If you are looking for switching power supply with high reliability, good quality, reasonable price and full series products, MEAN WELL, a total solution provider which can satisfy your various demands, is definitely your first choice!



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Product Tree



Lighting Control
Blind/Shutter Control
Logic
Logic Function
CC
Constant Current Driving Mode
0-10V
DC 0-10V Dimming Control
Data Secure
Heating Control
Push Button Interface
CV
Constant Voltage Driving Mode
PWM
PWM Style Output Mode
RGBW Dimming Control

24

Fast and Multi Language Support for any question of KNX product within 24 hours . For the details please check the last page.

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

LCM Series

25~60W KNX Constant Current LED Driver

Household | Indoor | LED | Building Automation

LCM-KN series is an AC/DC constant current mode output LED driver series featuring the multiple levels selectable by dip switch and the KNX interface to avoid using the complicated KNX-DALI gateway. LCM-KN operates from 180~295VAC and offers different current levels ranging between 350mA and 1400mA.

Thanks to the high efficiency up to 90%, with the fanless design, the entire series is able to operate for -30℃~+90℃ case temperature under free air convection. In addition, LCM-KN series is equipped with push dimming and synchronization so as to provide the optimal design flexibility for LED lighting system.



▲**LCM-25KN**
L105x W68x H23mm



▲**LCM-40/60KN**
L123.5x W81.5x H23mm

Features

- KNX protocol
- Constant current mode output with multiple levels selectable by dip switch
- Support emergency light (EL)
- Constant lumen output
- Intergrated KNX push button interface
- Synchronization up to 10 units
- Minimum dimming level 0.5%
- Functions: manual dim, operation hours, log/linear curve selection
- 3 years warranty



■ LCM-25/40/60KN

Model Name	Output	Current Tolerance	Current Ripple	Efficiency
LCM-25KN	350mA~1050mA, 6~54V	±5%	5%(max)	85%
LCM-40KN	350mA~1050mA, 2~100V	±5%	5%(max)	90%
LCM-60KN	500mA~1400mA, 2~90V	±5%	5%(max)	91%

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

XLC-KN Series

25W~60W Constant Power LED Driver

Household | Indoor | LED | Building Automation

The XLC-KN series is designed as an AC/DC constant power LED driver solution, available in 25W, 40W, and 60W power ratings. Equipped with a KNX interface featuring data secure capabilities, these drivers integrate seamlessly with KNX systems for precise digital lighting control. With an input voltage range of 100–305VAC and adjustable current settings from 350mA to 1700mA (varying by model).

Thanks to its high efficiency of up to 90%, the entire series is able to operate for -25°C~+90°C case temperature under free air convection, including standalone push-button dimming, group control for switching and scenes, cumulative runtime monitoring, energy feedback, constant illuminance output, scheduled dimming, power temperature detection, and characteristic curve calibration. These advanced capabilities make it the ideal choice for LED lighting systems in modern smart buildings.

(Independent type)



▲**XLC-25/40-KN-S**
L147x W40x H32mm



▲**XLC-60-KN-S**
L176x W45x H32mm

(Built-in type)



▲**XLC-25/40-KN**
L107x W40x H32mm



▲**XLC-60-KN**
L136x W45x H32mm

Features

- KNX protocol,support KNX data secure
- Constant power mode output with multiple stage selectable by ETS database
- Plastic housing with class II and PFC design
- Flicker free, complying withCE ErP directive
- Standby power consumption <0.5W
- Meet emergency lighting (EL) function application
- Minimum dimming level 0.5%
- Function: operation hours, power consumption feedback, log/linear curve selection...etc
- 5 years warranty



XLC-25/40/60-KN

Model Name	Output	Total Harmonic Distortion (@230VAC)	Inrush Current (Cold start)	Efficiency
XLC-25-KN	300mA~1050mA, 9~54V	THD<10% (@Load≥50%)	10A	88%
XLC-40-KN	600mA~1400mA, 9~54V	THD<10% (@Load≥50%)	10A	88%
XLC-60-KN	900mA~1700mA, 9~54V	THD<20% (@Load≥60%)	15A	90%

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

PWM Series

60~200W KNX Constant Voltage LED Driver

Household | Indoor | LED | Building Automation

PWM-KN series is an AC/DC LED driver featuring the constant voltage mode with PWM style output controlled directly via KNX. The entire series is able to operate for -40°C~90 °C case temperature with its minimal dimming level low to 0.01% and user changeable output frequency up to 4KHz compliant IEEE 1789-2015 flickering requirement.



▲**PWM-60-KN**
L150x W53x H35mm

▲**PWM-120-KN**
L191x W63x H37.5mm

▲**PWM-200-KN**
L195x W68x H39.5mm

Features

- KNX protocol,support KNX data secure
- Constant Voltage PWM style output with user changeable frequency up to 4KHz
- Plastic housing with class II design
- Built-in active PFC function
- Standby power consumption <0.5W
- Typical lifetime >50000 hours
- Support KNX data secure (PWM-200KN only)
- Minimum dimming level 0.01%
- 5 years warranty



■ PWM-60/120/200-KN

Model Name	Output	KNX Data Secure	Efficiency
PWM-60-12□	12V, 0~5A		86%
PWM-60-24□	24V, 0~2.5A		89%
PWM-120-12□	12V, 0~10A		88.5%
PWM-120-24□	24V, 0~5A		90%
PWM-200-12□	12V, 0~15A	V	92%
PWM-200-24□	24V, 0~8.3A	V	93%
PWM-200-36□	36V, 0~5.55A	V	94%
PWM-200-48□	48V, 0~4.17A	V	94%

□=KN/KNBST KN: KNX control technology ; KNBST: KNX control technology with BST14 connector

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

SPWM-KN Series

Household Indoor LED Building Automation

75W~240W Constant Voltage PWM Output LED Driver

SPWM-KN series is a AC/DC LED driver featuring the constant voltage mode with PWM style output. Supports multiple output modes including dimming, color temperature, RGBW, which is able to maintain the color temperature and the brightness homogeneity when driving all kinds of LED strips. Achieves multi-functional operation in one unit and complements the existing PWM series. So as to provide the optimal design flexibibity for LED lighting system.

NEW



▲SPWM-75-KN
L290x W38x H28.5mm



▲SPWM-150-KN
L340x W38x H28.5mm



▲SPWM-240-KN
L380x W38x H28.5mm

Features

- KNX protocol,support KNX data secure
- Supports multiple output modes including dimming, color temperature, RGBW
- Constant voltage PWM style output with 1 to 4 channels
- Plastic housing with class II and PFC design
- Flicker free, complying with CE ErP directive
- Standby power consumption <0.5W
- Cooling by free air convection
- Minimum dimming level 0.1%
- 5 years warranty



■ SPWM-75/150/240-KN

Model Name	Output	KNX Data Secure	Efficiency
SPWM-75-12KN	12V, 6.3A	V	89%
SPWM-75-24KN	24V, 3.2A	V	90%
SPWM-150-12KN	12V, 12.5A	V	92%
SPWM-150-24KN	24V, 6.3A	V	93%
SPWM-240-24KN	24V, 10A	V	93%
SPWM-240-48KN	48V, 5A	V	94%

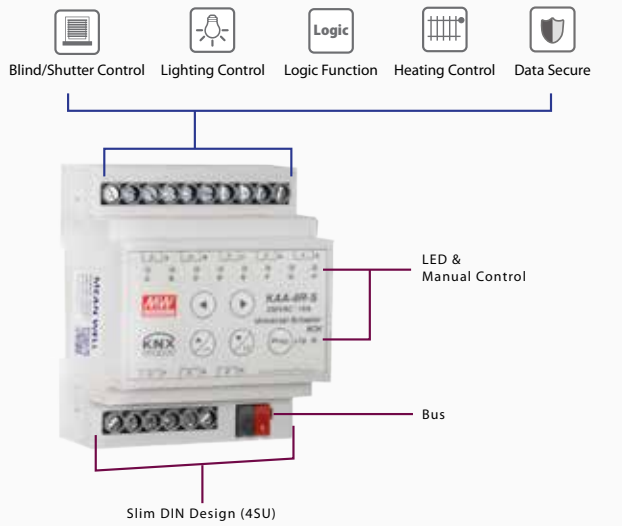
Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

KAA Series

KNX Actuator

LED | Indoor | Household | Building Automation

KNX Universal Actuator



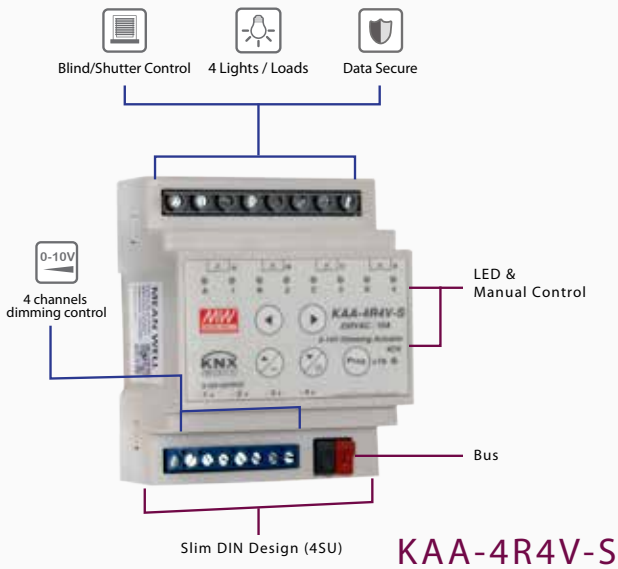
KAA-8R-S

W72x H90x D57mm

- 8 channel actuator in a compact size
- Suitable for various and mixed applications
- For AX, C-load, capacitive & inductive of loads
- Capacitive load 220µF
- Manual control via panel push button
- KNX data secure version available
- 3 years warranty

Model Name	Channel	Rating Current / Channel
KAA-8R-S	8-Fold	16A
KAA-8R-10S	8-Fold	10A

KNX Dimming Actuator



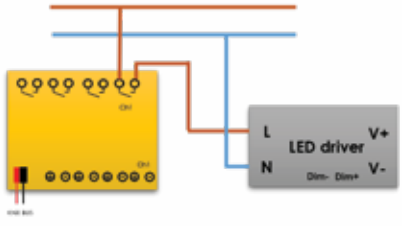
KAA-4R4V-S

W72x H90x D57mm

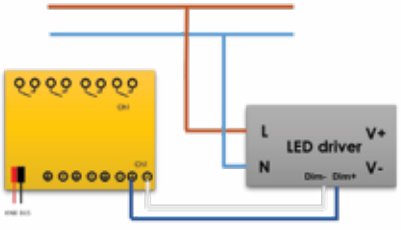
- Dimming and switching LED driver and conventional electronic ballast
- Capacitive load 220µF
- Linear or logarithmic dimming curve programable via ETS software
- Programmable various time and scene function
- KNX data secure version available
- 3 years warranty

Model Name	Channel	Rating Current / Channel
KAA-4R4V-S	4-Fold	16A
KAA-4R4V-10-S	4-Fold	10A

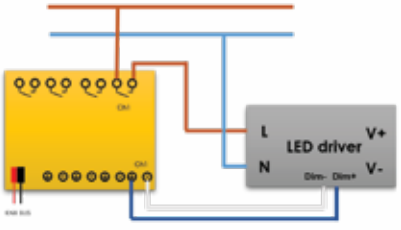
KAA-4R4V Wiring Examples



1. Non-dimmable Driver



2. DC 0-10V Driver



3. DC 1-10V Driver

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

KNX Series

640mA & 1280mA Bus Power Supply

Household | Network | Indoor | Building Automation

640mA Bus Power Supply

KNX-20E-640 is a 640mA power supply with high efficiency and a small footprint of only 3SU (52.5 mm). The device has a KNX bus choke output and an additional output for ancillary power. LED indicators are used in normal operation, overload conditions and RESET operation. It is perfectly suitable to power up any products labeled with the KNX trademark.
KNX-20E-640 is engineered to be a reliable and safe solution for KNX bus environment.



W52.5x H90xD54.5mm

1280mA Bus Power Supply

KNX-40E-1280 is a 1280mA power supply with high efficiency and a small footprint of only 4SU(72mm). The device has a KNX bus choke output and an additional output for ancillary power. LED indicators are used in normal operation, overload conditions and RESET operation. It is perfectly suitable to power up any products labeled with the KNX trademark. KNX-40E-1280 is engineered to be a reliable and safe solutionfor KNX bus environment.



W72x H90x D57mm

Features

- EIB / KNX power supply with integrated choke
- Compact size with 3SU/4SU width
- Safety extra low voltage (SELV)
- 180~264VAC input
- No load power consumption <0.5W
- Protections:
  Short circuit / Overload(short-circuit-proof) /
  Over voltage
- Cooling by free air convection
- Isolation class I
- LED indicator for normal operation,
  bus reset and bus overload
- Installed on DIN rail TS-35/7.5 or 15
- Over voltage category III
- Wide operating temperature: -30~+70°C
- 3 years warranty

Model Name	V_{out1} (with choke)	V_{out2} (without choke)	I_{out} (I_1+I_2)
KNX-20☐-640	Bus, 30VDC	30VDC	640mA

☐ : E, U ; E=230VAC Input(Standard), U=115VAC Input(Optional)

Model Name	V_{out1} (with choke)	V_{out2} (without choke)	I_{out} (I_1+I_2)
KNX-40E-1280☐	Bus, 30VDC	30VDC	1280mA

☐ : Blank, D ; Blank= Basic function, D=Diagnostic function

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Gateway
System Component

LED | Indoor | Network | Household | Building Automation

KNX to DALI Gateway



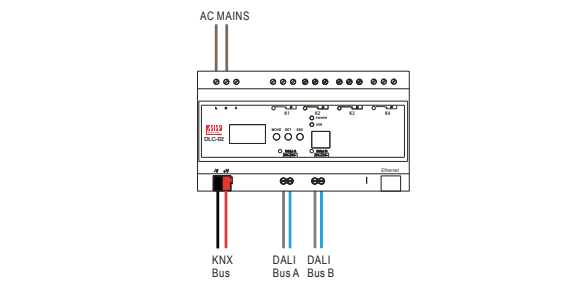
DLC-02-KN

L144x W90x H58.3mm

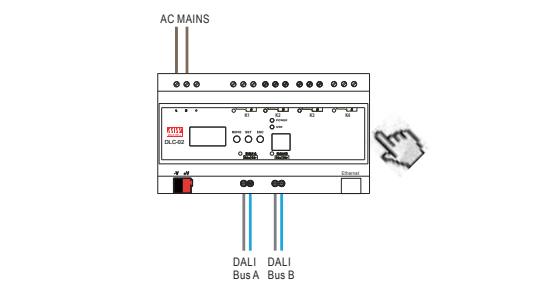
Features

- KNX to DALI-2 gateway
- Two independent DALI Bus channels with built-in bus power supply (up to 250mA per bus)
- Connect up to 2×64 DALI ECGs/Drivers
- LCD display, LED indicators and buttons for local operation
- Built-in 4x250/5A relay
- Easy installation and configuration via ETS

How to use DLC-02



KNX gateway



Local setting

USB Interface



KSI-01U

W36x H90x D71mm

Features

- No additional power supply required
- KNX commissioning, addressing and parameters settings
- Long messages support up to 220 byte APDU
- 3 years warranty

IP Router



KSR-01IP
KSR-02IP

W36x H90x D71mm

Features

- KNX IP/TP routing
- Built-in web server
- KNX IP secure (optional)
- 3 years warranty

Line Coupler



KSC-01L
KSC-02L

W36x H90x D71mm

Features

- KNX TP Line coupler/Repeater
- Telegram filtering function
- Long messages support up to 240 byte APDU
- 3 years warranty

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

HDR Series

ECO Household Automate Industrial Security Network Telecom

15~150W Ultra Slim Step Shape Power Supply

Features

- Ultra slim design with 1SU~6SU width
- Universal input 85~264VAC(277VAC operational)
- No load power consumption<0.3W
- Isolation class II
- Pass LPS (Limited power source)
- DC output voltage adjustable
- Protections : Short circuit / Overload / Over voltage
- Cooling by free air convection (working temperature:-30~+70°C)
- DIN rail TS-35/7.5 or 15 mountable
- Over voltage category III
- LED indicator for power on
- 3 years warranty

LPS UL508 UL62368-1 N61558 IEC62368-1 R33100 RoHS



▲HDR-15
W17.5x H90x D54.5mm



▲HDR-30
W35x H90x D54.5mm



▲HDR-60
W52.5x H90x D54.5mm



▲HDR-100
W70x H90x D54.5mm



▲HDR-150
W105x H90x D54.5mm

HDR-15

Model Name	Output	Tol.	R&N	Effi.
HDR-15-5	5V, 0~2.40A	±2%	80mV	80%
HDR-15-12	12V, 0~1.25A	±1%	120mV	85%
HDR-15-15	15V, 0~1.00A	±1%	120mV	85.5%
HDR-15-24	24V, 0~0.63A	±1%	150mV	86%
HDR-15-48	48V, 0~0.32A	±1%	240mV	87%

■ HDR-30

Model Name	Output	Tol.	R&N	Effi.
HDR-30-5	5V, 0~3.0A	±2%	80mV	82%
HDR-30-12	12V, 0~2.0A	±1%	120mV	88%
HDR-30-15	15V, 0~2.0A	±1%	120mV	89%
HDR-30-24	24V, 0~1.5A	±1%	150mV	89%
HDR-30-48	48V, 0~0.75A	±1%	240mV	90%

■ HDR-60

Model Name	Output	Tol.	R&N	Effi.
HDR-60-5	5V, 0~6.5A	±2%	80mV	85%
HDR-60-12	12V, 0~4.5A	±1%	120mV	88%
HDR-60-15	15V, 0~2.0A	±1%	120mV	89%
HDR-60-24	24V, 0~1.5A	±1%	150mV	90%
HDR-60-48	48V, 0~0.75A	±1%	240mV	91%

HDR-100

Model Name	Output	Tol.	R&N	Effi.
HDR-100-12	12V, 0~7.1A	±2%	120mV	88%
HDR-100-12N	12V, 0~7.5A	±2%	120mV	88%
HDR-100-15	15V, 0~6.13A	±1%	120mV	89%
HDR-100-15N	15V, 0~6.5A	±1%	120mV	89%
HDR-100-24	24V, 0~3.83A	±1%	150mV	90%
HDR-100-24N	24V, 0~4.2A	±1%	150mV	90%
HDR-100-48	48V, 0~1.92A	±1%	240mV	90%
HDR-100-48N	48V, 0~2.1A	±1%	240mV	90%

HDR-100: 92W max., pass LPS
HDR-100-xxN: 100W max., non-LPS with a wide output adjustable range

■ HDR-150

Model Name	Output	Tol.	R&N	Effi.
HDR-150-12	12V, 0~11.3A	±2%	100mV	89%
HDR-150-15	15V, 0~9.5A	±1%	120mV	89.5%
HDR-150-24	24V, 0~6.25A	±1%	150mV	90.5%
HDR-150-48	48V, 0~3.2A	±1%	200mV	90.5%

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Taiwan(Headquarters)
MEAN WELL ENTERPRISES CO., LTD.
Tel +886-2-2299-6100(rep.)
e-mail info@meanwell.com
Web www.meanwell.com

U.S.A.(California)
MEAN WELL USA, INC.
Tel +1-833-635-7201
e-mail info@meanwellusa.com
Web www.meanwellusa.com

Europe(The Netherlands)
MEAN WELL EUROPE N.V.
Tel +31-20-758-6000
e-mail info@meanwell.eu
Web www.meanwell.eu

China
MEAN WELL (GUANGZHOU) ELECTRONICS CO., LTD.
Tel +86-20-3773-7100 / 400-800-3608(sales)
+86-10-5200-1817(Beijing Office)
+86-755-2359-1630(Shengzhen Office)

SUZHOU MEAN WELL TECHNOLOGY CO., LTD.
Tel +86-512-6508-8600
e-mail info@meanwell.cc
Web www.meanwell.cc

India(Bengaluru)
MEAN WELL INDIA ELECTRONICS PRIVATE LIMITED
Tel +91-9686448906
e-mail benaka.v@meanwellindia.com
Web www.meanwellindia.com



info@meanwell.com
www.meanwell.com
building.meanwell.com

For service, repairs and telephone support, you can talk to one of our in-house employees. This ensures that you receive specialist advice. You won't simply end up in a call center!

中　　文	任何KNX 產品疑問24小時內快速回覆
简体中文	任何KNX 产品疑问24小时内快速回复
GERMAN	Schneller Support für jegliche KNX-Produkt Fragen innerhalb von 24 Stunden.
ENGLISH	Fast support for any question of KNX Product within 24hours.
FRENCH	Assistance rapide pour toute question relative aux produits KNX en 24 heures maximum.
SPANISH	Soporte rápido para cualquier pregunta de los productos KNX en 24 horas.
DUTCH	Wij bieden snelle ondersteuning voor al uw KNX-productvragen binnen 24 uur.
ITALIAN	Supporto rapido per qualsiasi richiesta sui nostri prodotti KNX entro 24 ore.
POLISH	Szybkie wsparcie dla dowolnego pytania dotyczącego produktu KNX w ciągu 24 godzin.

MEAN WELL Website

PRINTED WITH SOY INK

LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000