

## 40W & 60W Output Current Programmable

- Universal AC input / Full range
- ***I<sub>o</sub> can be trimmed 10~100% by 1~10Vdc, PWM signal or resistance***
- Installed on DIN rail TS-35 / 7.5 or 15
- Protections: Short circuit / Overload / Over voltage
- Pass LPS
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- ***Suitable for machine vision inspection system and plant cultivation application***
- 3 years warranty



AC input voltage range ..... 90~264VAC; 127~370VDC  
 AC inrush current ..... Cold start, 60A at 230VAC  
 DC adjustment range ..... 12V: 12~15V, 24V: 24~30V  
 Current adjustment range ..... 10%~100% rated output current adjustable by 1~10VDCc, PWM signal or resistance  
 Overload protection ..... 95%~108% rated output power, constant current limiting, auto-recovery  
 Over voltage protection..... 120%~155% rated output power, shut down o/p voltage, re-power on to recover  
 Withstand voltage ..... I/P-O/P: 3kVAC, I/P-FG: 2kVAC, O/P-FG: 0.5kVAC  
 Working temperature ..... -30~+70°C (refer to output derating curve)  
 Safety standards ..... UL60950-1, TUV EN60950-1 approved  
 EMC standards ..... EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, EN61204-3  
 Connection ..... I/P: 3 poles, O/P: 6 poles screw DIN terminal

### ◆ DRA-40 Series

Model No.	Output	Tol.	R&N	Effi.
DRA-40-12	12V, 0~3.34A	±1.0%	120mV	85%
DRA-40-24	24V, 0~1.7A	±1.0%	150mV	87%

### ◆ DRA-60 Series

Model No.	Output	Tol.	R&N	Effi.
DRA-60-12	12V, 0~5A	±1.0%	120mV	85%
DRA-60-24	24V, 0~2.5A	±1.0%	150mV	87%

## □ KNX-20E Feature Description



The KNX Power Supply KNX-20E 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.

The -30~+70°C wide temperature operating range can meet all kinds of applications. LED indicators are used in case of normal operation, overload conditions and RESET operation. It is perfectly suitable to power up any products labeled with the KNX trademark. With over 30 years of industrial power supply experience, KNX-20E is engineered to be a reliable and safe solution for KNX bus environment.

## 20W KNX Power Supply



- ***EIB / KNX power supply with integrated choke***
- ***Compact size with 3SU(52.5mm) width***
- 180~264VAC input
- No load power consumption <0.5W
- 200ms mains failure back-up time
- Button for bus reset on top
- 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
- 3 years warranty

AC input voltage range ..... 180~264VAC; 254~370VDC  
 AC inrush current ..... Cold start, 40A at 230VAC  
 LED indicators ..... ON: Green LED, normal operation, no fault  
 Reset: Red LED, reset of the KNX bus  
 I<sub>out</sub> > I<sub>max</sub>: Red LED, KNX bus overload  
 Overload protection ..... 205%~235% rated output power ; constant current limiting, auto-recovery after fault condition is removed  
 Over voltage protection ..... 110%~115% ; Shut down o/p voltage, re-power on to recover  
 Setup, rise, hold up time ..... 1000ms, 50ms, 200ms at 230VAC  
 Working temperature ..... -30~+70°C  
 Safety standards ..... EN61558-1, EN61558-2-16 approved  
 EMC standards ..... EN50491-5-1, -5-2, -5-3  
 Connection ..... I/P: 3 poles; O/P: 2 poles screw DIN terminal & 2 KNX bus terminals (black/red)

Model No.	V <sub>out1</sub> (with choke)	V <sub>out2</sub> (without choke)	I <sub>out</sub> (I <sub>1</sub> +I <sub>2</sub> )	R&N	Effi.
KNX-20E-640	Bus, 30VDC	30VDC	640mA	100mV	86%

## ■ Applications

### KNX-based home, office, building

- Lighting control
- Heating/ventilation & Air Conditioning control
- Shutter/Blind control
- Alarm monitoring
- Energy management & Electricity / Gas / Water metering
- Security systems control
- Automation & remote access control