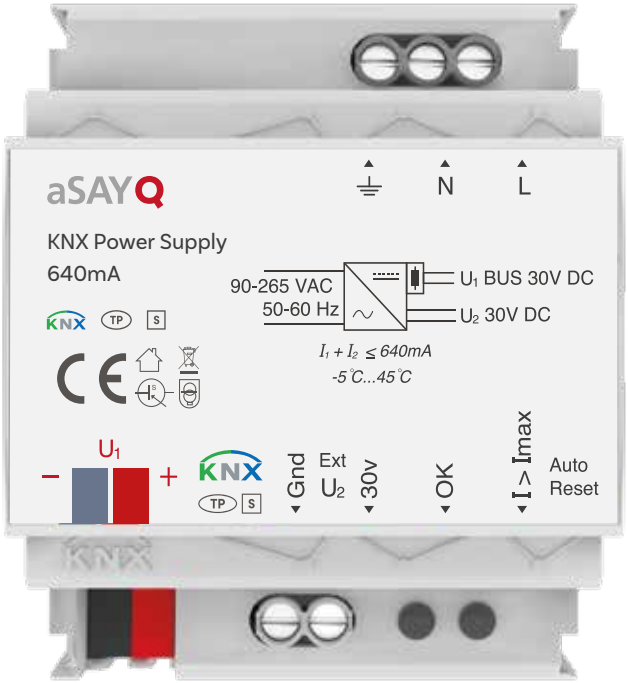
aSAYQ

KNX Power Supply

ASQ-PS640.1.1
640mA

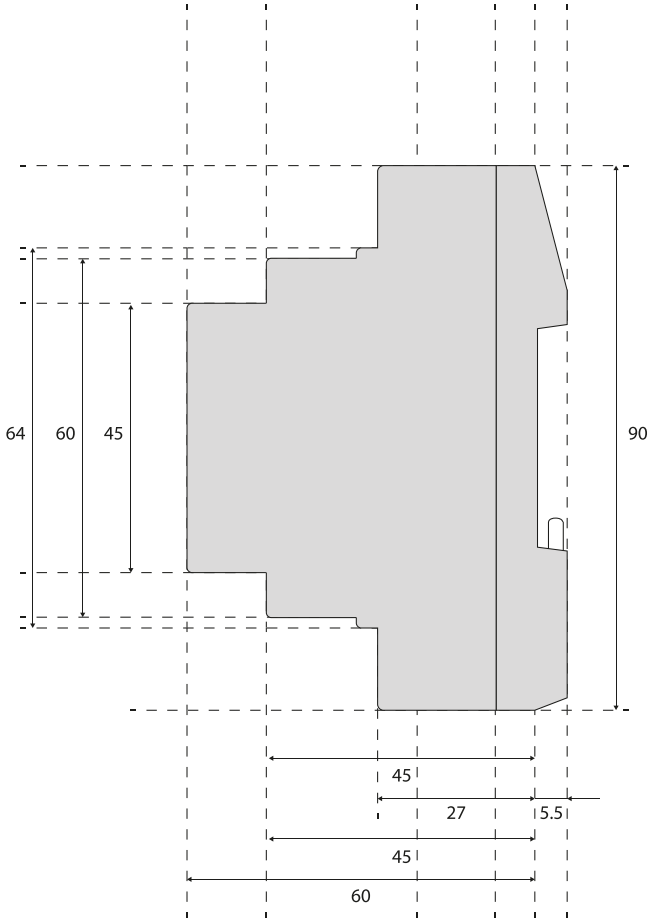


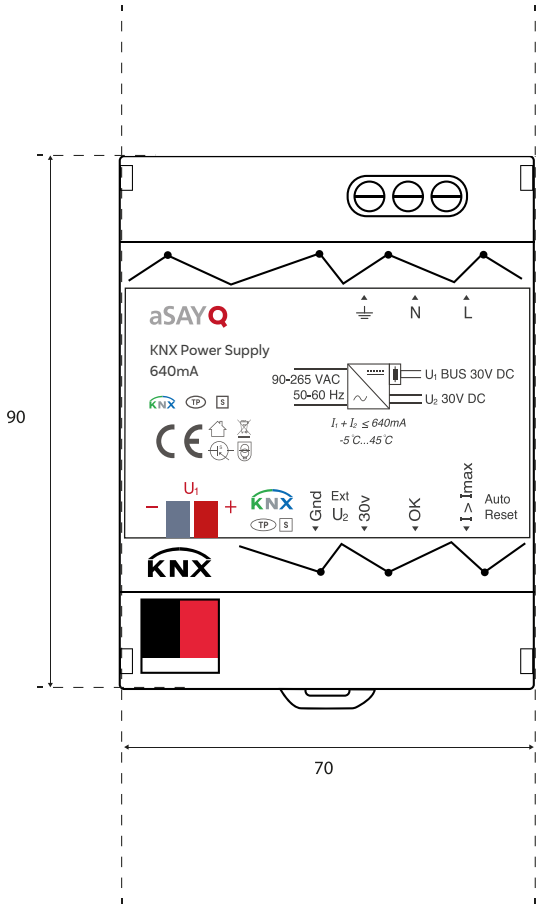
General Features

KNX power supplies generate and monitor the KNX system voltage . The bus line is decoupled from the power supply by an integrated choke.

The LED's indicates device output status. Device type ASQ-PS640.1.1 has an additional 30 V DC short-circuit and overload protected volt age output that can be used to power an additional bus line (in combination with a separate choke).

Dimension Drawing

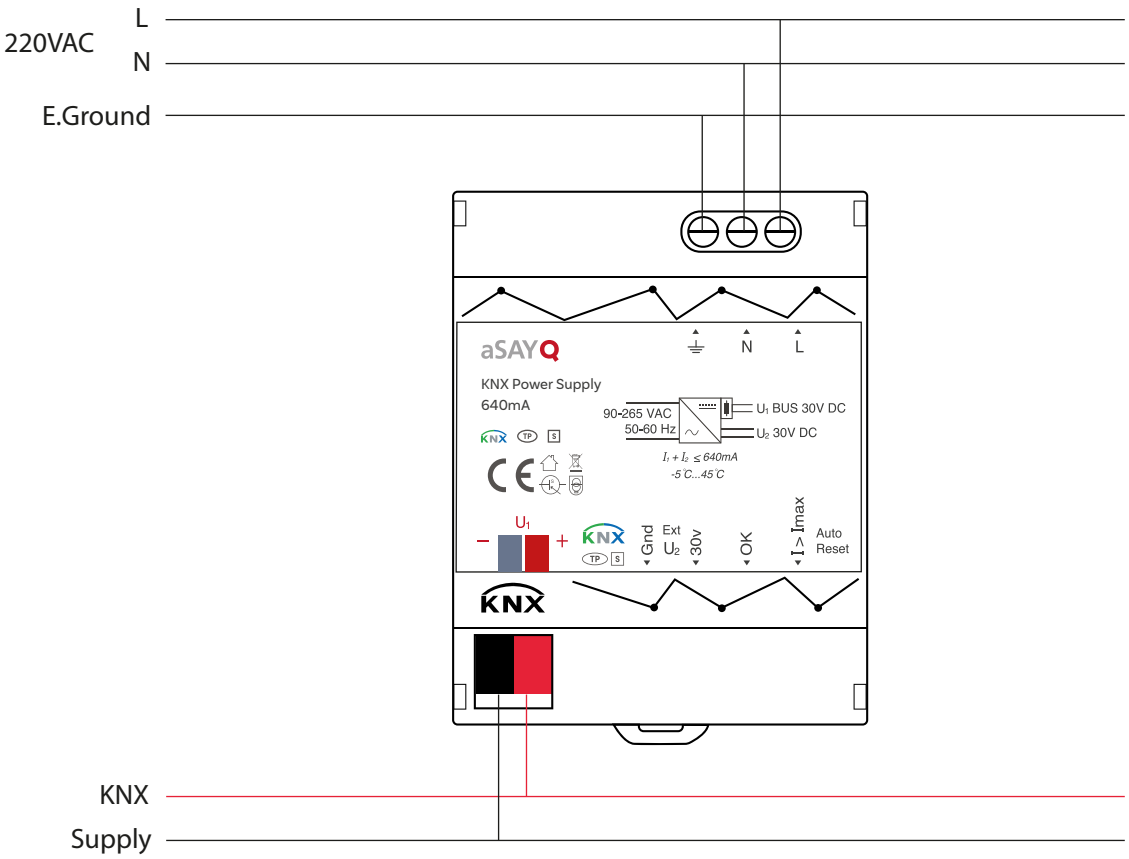




Device Technical Data

Type of protection	IP 20	EN 60 529
Protection Grade	II	EN 61 140
Insulation category	Overvoltage category	III EN 60 664-1
Main supply	Input Voltage	150-275V AC, 50-60Hz
	Power consumption PS640	22 W
	Power loss PS640	3,6 W
Connections	Screw terminals	0,2–5,3 mm² solid stranded wire
		0,2 – 5,3 mm² stranded wire with ferrule
	Max torque	0.78 Nm
Output	Output 1	KNX bus
		30 VDC +1/-2 V, SELV (integrated choke)
	Output 2	30 VDC +1/-2 V, SELV (without choke)
	Short-circuit current PS640	1,5 A
Installation	35mm mounting rail	EN 60 715
Operating elements	Power (green)	ON: Input voltage and KNX voltage is OK.
	Overload (red)	ON: Overload or short-circuit.
	Reset button and LED (red)	ON: Reset in progress.
		Press reset button. No power on
		KNX bus for 20 s. After reset, LED
		will turn off.
Temperature range	Ambient	-5° C + 45° C
	Storage	-25° C + 55° C
Humidity	max. air humidity	95 % no moisture condensation
Dimensions		60 x W x 90 mm
	Width G (mm)	126 mm
	Width G (unit)	7 modules (18 mm module)
Weight	PS640	0.29 kg
Box	Plastic, polycarbonate, colour grey	
CE	In accordance with the EMC guide-	
	line and low voltage	
Configuration	Configuration with ETS	

Connection Schematic



Notice

* KNX IT
* The product complies with the EC Directive: Low Voltage (35/2014 EU Directive) Electromagnetic Compatibility (2014 EU/30).
* Test according to EN 50491-4-1.

Maintenance

* KNX IT
* The product complies with the EC Directive: Low Voltage (35/2014 EU Directive) Electromagnetic Compatibility (2014 EU/30).
* Test according to EN 50491-4-1.

Dispose

At the end of its service life, the product is classified as e-waste and cannot be disposed of with municipal unsorted solid waste.

WARNING

* Improper operation or disposal of hazardous wastes may cause serious environmental damage.
* Installation and configuration can only be carried out by qualified professional and technical personnel.
* Illegal opening of the cover of the device will invalidate the warranty.