



COMPARATIVE TABLE POWER SUPPLIES

The power supply of a KNX system is one of the most important components and it is a mistake to think they are all the same.

In the following pages you can find a Comparative Table of most KNX power supplies in the market, divided by:

- ✦ 160mA
- ✦ 320mA
- ✦ 640mA

As you will see, KNX power supplies often have additional features to perform very useful functions, such as:

- ✦ **AUXILIARY VOLTAGE:** it can be used for devices that can not be supplied exclusively from the Bus voltage.
- ✦ **UNINTERRUPTIBLE POWER SUPPLY:** in order to avoid Bus voltage failure with a Mains failure via the 12V battery it must be connected to.
- ✦ **DIAGNOSIS INFORMATION:** it can be very practical to have all the information related to the cause of a problem in the Bus stored and sent by the PSU.
- ✦ **KNX NET/IP ROUTER:** more and more frequently the KNX topology with normal TP Line and Area couplers is substituted by the new topology using KNX Net/IP Routers. The PSU with integrated router make this new topology very easy to install.



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160mA

320mA

640mA



POWER SUPPLIES



WEB CODE	MANUFACTURER	MANUF. REFERENCE	SIZE	AUXI. ⁽¹⁾	UNIN. ⁽²⁾	LIST PRICE	IMAGE
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160mA

10149	MDT	STV-0160.01	4U	NO	NO	134,00 €	
10130	L&J	88407	4U	YES	NO	170,00 €	
4190	SIEMENS	5WG1 125-1AB01	4U	NO	NO	173,00 €	
7693	ABB	SV/S 30.160.5	4U	NO	NO	175,00 €	
9220	MERTEN	684016	4U	NO	NO	175,50 €	
9225	MERTEN	683816	4U	NO	YES	190,50 €	



POWER SUPPLIES

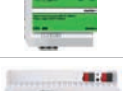


WEB CODE	MANUFACTURER	MANUF. REFERENCE	SIZE	AUXI. ⁽¹⁾	UNIN. ⁽²⁾	LIST PRICE	IMAGE
320mA							
9795	CONTROLTRONIC	PS.30.320.1	4U	YES	NO	179,00 €	
9753	MDT	STV-0320.01	4U	NO	NO	184,00 €	
10131	L&J	88406	4U	YES	NO	185,00 €	
2773	JUNG	2005 REG	4U	YES	NO	242,05 €	
1252	GIRA	1086 00	4U	YES	NO	242,10 €	
28	BERKER	7501 00 09	4U	YES	NO	242,25 €	
9221	MERTEN	684032	4U	NO	NO	249,00 €	
1	ABB	SV/S 30.320.5	4U	NO	NO	254,00 €	
722	BUSCH-JAEGER	6180/10	4U	NO	NO	254,00 €	
4191	SIEMENS	5WG1 125-1AB11	4U	NO	NO	259,00 €	
9374	HAGER	TXA111	4U	NO	NO	263,40 €	
9226	MERTEN	683832	4U	NO	YES	267,00 €	



POWER SUPPLIES



WEB CODE	MANUFACTURER	MANUF. REFERENCE	SIZE	AUXI. ⁽¹⁾	UNIN. ⁽²⁾	INFO. ⁽³⁾	IPROUTER	LIST PRICE	IMAGE
640mA									
10132	L&J	88405	4U	YES	NO	NO	NO	205,00 €	
9796	CONTROLTRONIC	PS.30.640.1	6U	YES	NO	NO	NO	209,00 €	
9754	MDT	STV-0640.01	6U	YES	NO	NO	NO	249,00 €	
9375	HAGER	TXA112	4U	NO	NO	NO	NO	326,90 €	
9222	MERTEN	684064	4U	NO	NO	NO	NO	345,00 €	
6331	ELSNER	70140	7U	YES	NO	NO	NO	348,00 €	
2235	THEBEN	907 0 364	6U	YES	NO	NO	NO	352,00 €	
4192	SIEMENS	5WG1 125-1AB21	4U	YES	NO	NO	NO	358,00 €	
725	BUSCH-JAEGER	6180-102	6U	YES	NO	NO	NO	359,00 €	
1965	ABB	SV/S 30.640.5	6U	YES	NO	NO	NO	359,00 €	
2772	JUNG	2002 REG	7U	YES	NO	NO	NO	359,04 €	
29	BERKER	7501 00 10	7U	YES	NO	NO	NO	359,25 €	
9227	MERTEN	683890	4U	NO	YES	NO	NO	363,00 €	
1253	GIRA	1087 00	7U	YES	NO	NO	NO	370,10 €	
8136	ELSNER	70141	7U	YES	NO	YES	NO	428,00 €	

POWER SUPPLIES									
WEB CODE	MANUFACTURER	MANUF. REFERENCE	SIZE	AUXI. ⁽¹⁾	UNIN. ⁽²⁾	INFO. ⁽³⁾	IROUTER	LIST PRICE	IMAGE

640mA

8908	BERKER	7501 00 15	8U	NO	YES	NO	NO	442,78 €	
1250	GIRA	1079 00	8U	NO	YES	NO	NO	442,80 €	
2505	JUNG	USV 640 MA	8U	NO	YES	NO	NO	442,80 €	
1966	ABB	SU/S 30.640.1	8U	NO	YES	NO	NO	444,00 €	
723	BUSCH-JAEGER	6180/11	8U	NO	YES	NO	NO	444,00 €	
9360	ELSNER	70142	7U	YES	NO	YES	YES	630,00 €	

AUXI.⁽¹⁾: AUXILIARY VOLTAGEUNIN.⁽²⁾: UNINTERRUPTIBLE POWER SUPPLY (FOR BATTERY CONNECTION)INFO.⁽³⁾: IT SENDS DIAGNOSIS INFORMATION TO THE BUS