

Powerhouses of decentralized automation applications

NEXT GENERATION IP67 POWER SUPPLIES

For a reliable and efficient voltage supply, you can find a wide selection of suitable power supply units at Balluff. With the new generation of our IP67 power supplies you get the best from one source: single-phase or three-phase devices, high power classes and 7/8" and M12 power.

Decentralized, flexible, efficient

The new BAE power supplies with four integrated electronic fuses are compelling all-in-one solutions. Decentralized installation directly in the field significantly reduces your planning, logistics and cabling costs, and a small form factor saves you space. The IO-Link interface allows you remote parameterization and status monitoring.

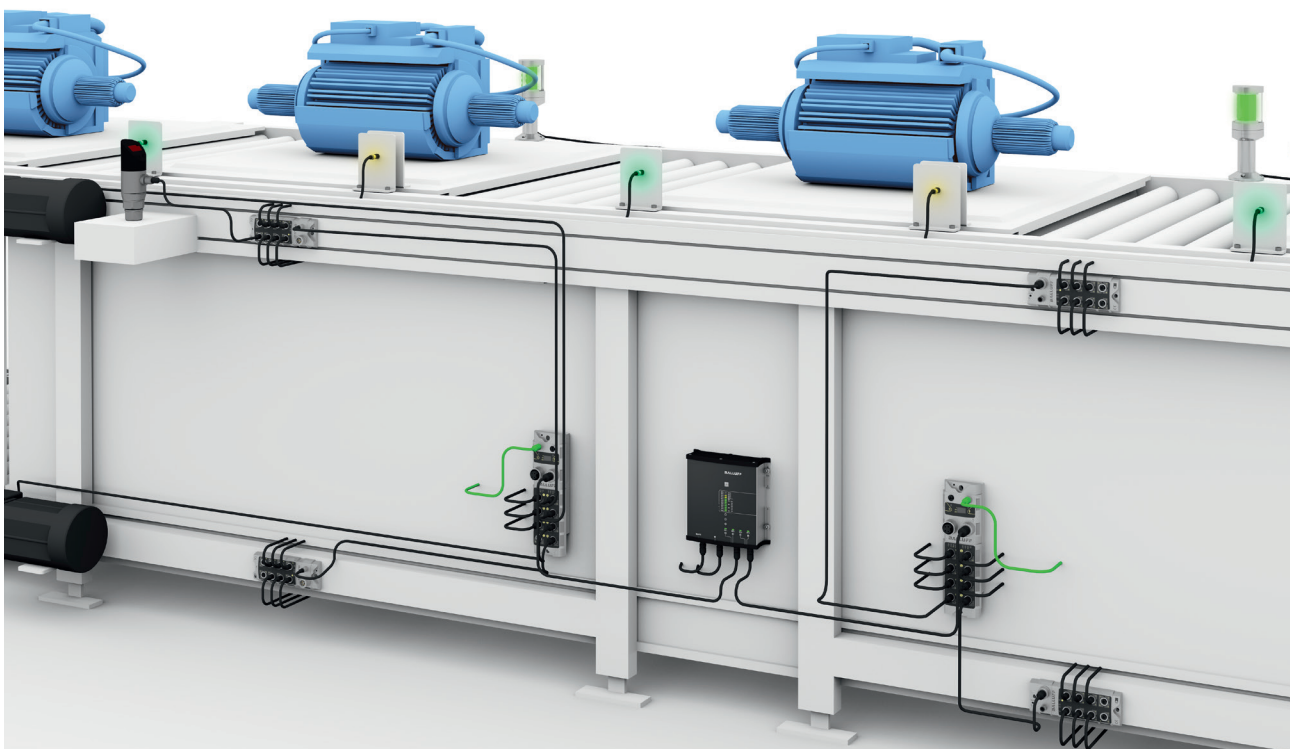
High performers in automation

With efficiency of over 95.6 % and intelligent diagnostic options, these new IP67 power supplies from Balluff live up to their reputation as high performers in automation and help you increase the performance level of your applications in a wide variety of use cases and industries.

Both the single-phase 360 W and three-phase 600 W devices supply your system with up to 12 A of continuous output current per channel. In power boost mode, they even provide up to 40 A total power for a short time, for example for start-up currents.

Features

- IP65/IP67 potting free housing
- Up to 12 A continuous power per channel (5 s up to 40 A total power)
- Over 95.6 % efficiency
- Single-phase or three-phase devices, optionally as 7/8" or M12 variant
- 2 outputs with 4 fuse-protected channels (UA and US separated)
- Status monitoring and remote parameterization via IO-Link



Decentralized automation of a conveyor system

BAE FIELD POWER SUPPLIES WITH IO-LINK INTERFACE



	BAE012M	BAE012N	BAE012P	BAE012R
Output power	360 W	360 W	600 W	600 W
Adjustable output voltage	24...28 V DC	24...28 V DC	24...28 V DC	24...28 V DC
Output current	15 A	15 A	25 A	25 A
Power boost (5 s)	600 W, 25 A	600 W, 25 A	1000 W, 40 A	1000 W, 40 A
Input voltage	100...240 V AC, single-phase	100...240 V AC, single-phase	380...480 V AC, three-phase	380...480 V AC, three-phase
Efficiency	95.7 %	96.7 %	95.6 %	95.6 %
Input connector	7/8" male, 3-pin	M12 male, 3-pin, S-coded	7/8" male, 4-pin	M12 male, 4-pin, S-coded
Output connector	2 × 7/8" female, 5-pin	2 × M12 female, 5-pin, L-coded	2 × 7/8" female, 5-pin	2 × M12 female, 5-pin, L-coded
IO-Link	Condition monitoring, remote parameterization	Condition monitoring, remote parameterization	Condition monitoring, remote parameterization	Condition monitoring, remote parameterization
Dimensions	181 × 183 × 59 mm	181 × 183 × 59 mm	181 × 183 × 59 mm	181 × 183 × 59 mm
Protection class	IP65/67	IP65/67	IP65/67	IP65/67
Operating temperature	-25...+70 °C	-25...+70 °C	-25...+70 °C	-25...+70 °C
Mounting	Wall mounting	Wall mounting	Wall mounting	Wall mounting
Housing material	Aluminium alloy, hi-grade polycarbonate	Aluminium alloy, hi-grade polycarbonate	Aluminium alloy, hi-grade polycarbonate	Aluminium alloy, hi-grade polycarbonate
Certification/compliance	CE, UKCA, cULus	CE, UKCA, cULus	CE, UKCA, cULus	CE, UKCA, cULus

CONNECTIVITY



	BCC0L30	BCC0K6U	BCC06FP	BCC0AJ0
Connection 1	M12 female, straight, 5-pin, L-coded	M12 female, straight, 4-pin, S-coded	7/8" female, straight, 5-pin	7/8" female, straight, 3-pin
Connection 2	M12 male, straight, 5-pin, L-coded		7/8" male, straight, 5-pin	
Cable	PUR gray, 5 m, drag chain compatible	PUR black, 10 m	PUR black, 5 m, drag chain compatible	PUR black, 5 m, drag chain compatible