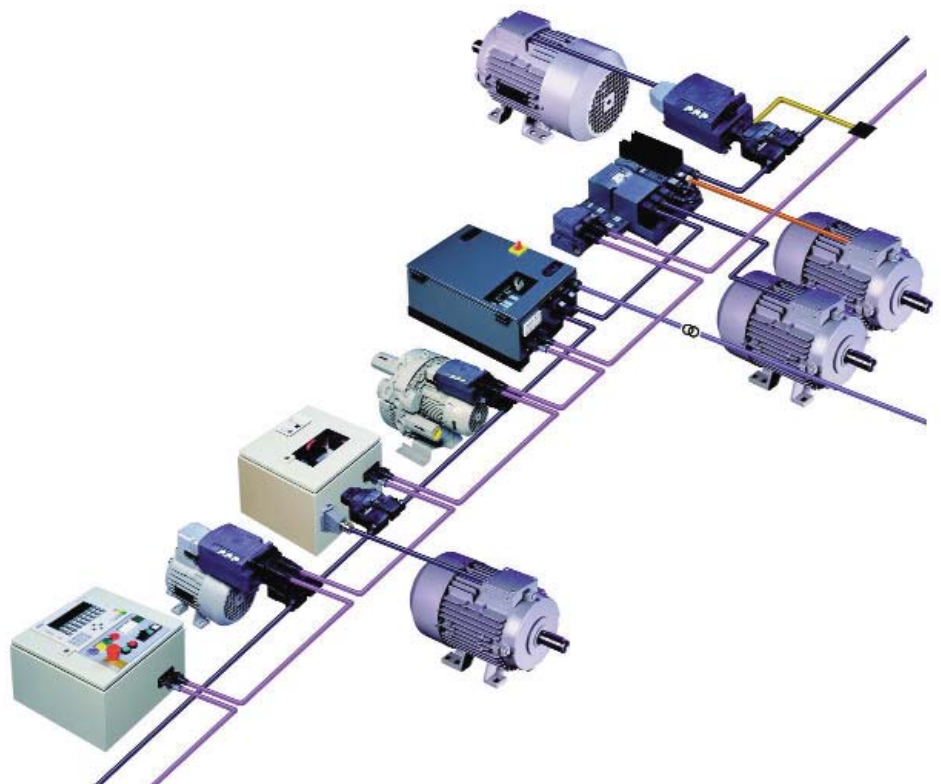
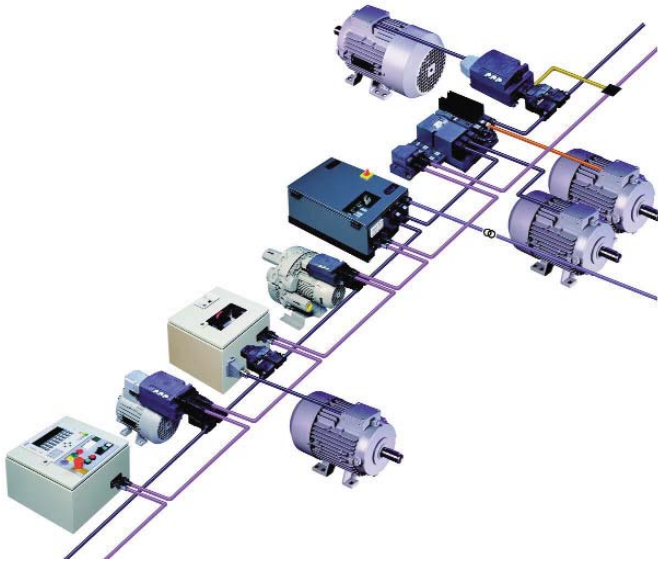


Lapp Kabel...

...to the topic ECOFAST System- Partnership
Great Brands - Strong Partners



ECOFAST - The System



ECOFAST

stands for **E**nergy and **C**ommunication **F**ield **I**nstallation **S**ystem of the Siemens AG, providing solutions to cabinet-less decentralisation.

ECOFAST stands for consequently modularized installation in the field of automation- and drive technology. ECOFAST includes full-size diagnose system functions, down to component- level. Consequently implemented total reduction cost of 17% or less can be realized.

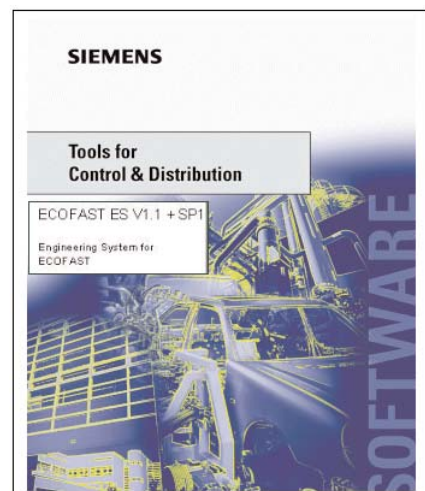
Due to Lapp Kabel product integrations into Siemens ECOFAST-Engineering System Software, designer engineers can choose between a wide range of Lapp Kabel cabling solutions for world-wide usages.



Quick & Easy by ECOFAST-ES,

the ECOFAST Engineering software tool. Siemens ECOFAST-ES tool allows very fast and easy project planning incl. documentation. ES tool also includes online- verification functions regarding voltage drop-, overcurrent- und short circuit protection aspects in accordance to IEC standards.

Siemens ECOFAST ES tool includes automatically generated project part list function, data interchange interface to external cost calculation software too. All ECOFAST integrated and certified connectorized readmade Lapp Kabel products allows in a blink quick and easy realisation of ECOFAST- system wiring for the North American (UL/CSA) and European markets.



Lapp Kabel - the Partner



ECOFAST-ES integrated offers a wide range of Lapp Kabel-cabling solutions to ECOFAST power bus.



Lapp Kabel as System Partner = benefits by varieties

The wide range of Lapp Kabel- products opens up a wide range of cabling solutions of machines and machinery.

Alternatively versions for the Machine Tool Industry DESINA conform cables with excellent oil-resistance and abrasion resistance-characteristics.



Highly flexible FD- cable versions for continuous flex in power chains. Halogen free cabling solutions for public locations i.e. Baggage Transport Systems in Airports. UL/CSA/CE multiple approved cables having extra benefit to global end users: No cable change is needed, if production equipment is intended to operate in North American or European Countries.



Take **special benefits** of Lapp Groups world wide presence, especially Lapp Kabels professional core competency in the field of industrial types of cables, -connectors and cable harnessing.

Quick and easy order procedure:

Siemens ECOFAST-ES software tool allows project planning of cabling segments by preferred standardized lengths or by individual lengths (0,3-15m in 0,1m- steps).

Send your automatically generated project part lists about all needed LAPPKABEL cabling sets to LAPPKABEL directly.

Installation benefits:

Consequently usage of full harnessed /connectorized Lapp Kabel- ECOFAST cables prevents of cabling faults. Saves installation- time and -cost, makes initial operations much more quick and safe.





More than thousand content customers appreciate:

- Global market competence
- Range of products and services unique worldwide
- Competent and friendly assistant in the sales department
- Delivery within 24 hours
- Synergies within the Lapp Group
- Comprehensive range of services
- Over than 45 years of manufacturing experience



Call for main catalogue: 0049 -1805/1012129300

Everything is in it - assumed, you always have the new Lapp main catalogue 2003: the new products and the whole program. Everything is clearly presented and described in detail. A complete overview for you for a simple order.

 **LAPP KABEL**

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