



Introduction to LappImport

System Requirements:

AutoCAD ecscad 2010

Installation:

After Unzipping of the downloaded file run setup.exe Start program in "Program Files/Autodesk/LappImport"

Systematik:

For every cable in the LAPP cable catalog, there is information like:

- Part number
- Cable norm (color/number)
- Number of wires
- With /without neutral
- Gauge

With this information there are created ecscad specific device types as well as articles in the article database.

Example:

Artikelnummer	Artikel Deutsch	Produktbezeichnung	Farbe/Nummer	Anzahl Adem	Schutzleiter	Querschnitt
0014100	ÖLFLEX 100 H 3G1,5	ÖLFLEX 100 H	farbig nach VDE 0293-308	3	1	1,5

From this cable information, according the norm VDE 0293-303 there is created following device type:

Neu Ausschneiden Kopieren Einfü	gen Aktua	🕃 🛛 🖓 Ilisieren Filter (7 🧭 Aus) Hilfe
kt Katalog	Symbol	Anschlußpunkt(e)	Тур
C: PROGRAMDATA AUTODESK AUTOCAD ECSCAD 2010/D/	CKABEL3		Querverweis-Symbol
ier 💾 IEC	WKABEL	BN	Leiter
	WKABEL	BU	Leiter
BLOCK	WKABEL	GNYE	Leiter
MACRO	11		
	11		
ÖLFLEX_100_H_3G2_5			
OLFLEX 100 H 3G4			

Also there is a dataset created in the article database with information like partnumber and manufacturer.





Functionality:

The user can select the ecscad catalog, in which cables are imported as "device types" and also the article database, in which the cable data are imported.

The cables available for import are grouped by product description (e.g. "ÖLFLEX 100 H"). They can be selected all, as a group, or as single cables.

After the import there is a logfile available, which informs about all imported cables and eventually occured problems.

Best Practice:

- Start AutoCAD ecscad and create a separate catalog, e.g. LAPP
- Start LappImport
- In the first dialog, select the catalog path (../CATALOG/LAPP).
- Select the article database (../DATABASE/ARTICLE.MDB)
- Select "Create Part numbers", o.k.
- In the cable selection dialog, for a first test deselect all cables and select single cables or a group of cables
- After the import you should see the imported cables in the ControlCenter
- In the table of the article database, the imported cables should seen within the manufacturer "LAPP KABEL".

Specialities:

- The neutral wire (GNYE) will be created
- The created device type name is equal the article description, where special characters like commas or other are substituted with an underscore.
- The length of the device type name is restricted to 32
- If the string would be too large, some names are substituted with an abbreviation (e.g. "ÖLFLEX" through "ÖF")
- A Protocol file will be created in the ecscad TMP directory as "LappImport.log"

More Hints:

- Following product groups oft he LAPP cable catalog are evaluated
- ÖLFLEX cables
- UNITRONIC cables
- LAPPTHERM cables
- Multinorm cable wires with non numeric description, like 2x2 are not evaluated. There are only cables evaluated, which are belonging to a color code (norm).





Operation:

- Usually ecscad should have started, before LappImport is run. If ecscad doesn't run, the AutoCAD ecscad application is loaded automatically from LappImport.
- . In the first dialog, there can be selected the ecscad catalog, the article database and optional creation of the article in the article database.

Hilfe	Über
	ecscad Symbol-Katalog:
	C:\ProgramData\AutoCAD ecscad 2010\data\CATALOG\LAPP Suchen
	ecscad Artikeldatenbank:
	C:\ProgramData\Autodesk\AutoCAD ecscad 2010\data\DATABASE\article.mdb
	Artikel in Datenbank (Article.mdb) übernehmen
	OK Abbruch

Now the cables for the import can be selected. It is possible to select via product description (e.g. ÖLFLEX 100 H) or individual according the article description.

LAPP Kabel	~	Artikelnummer	Artikel Deutsch		-
⊡- □ OLFLEX 100 H		00141012		NCC	10
		00141015	OLFLEX 100 H 4G1,5	NUC	-
		00141113	OLFLEX 100 H 4G10	NCC	C
		00141223	ÖLFLEX 100 H 4G120	NCC	C
DEFLEX 100 H 4G10 NCC	B	00141073	ÖLFLEX 100 H 4G4	NCC	C
▼ÖLELEX 100 H 4G120 NCC		00141093	ÖLFLEX 100 H 4G6	NCC	C
0LFLEX 100 H 4G16 NCC		00141213	ÖLFLEX 100 H 4G95	NCC	C
		00141023	ÖLELEX 100 H 5G1 5	NCC	C
- OI FLEX 100 H 4G25 NCC	1	00141122	OLELEX 100 H Ma10	NICT:	10
OLFLEX 100 H 4G35 NCC		00141123	OLFLEX 100 H 3G 10	NCC	2
- OLFLEX 100 H 4G4 NCC		00141103	OLFLEX 100 H 5G6	NCC	C
OLFLEX 100 H 4G50 NCC					
- Ø ÖLFLEX 100 H 4G6 NCC					
- OLFLEX 100 H 4G70 NCC					
- OLFLEX 100 H 4G95 NCC					
- OLFLEX 100 H 5G1,5 NCC					
- OLFLEX 100 H 5G10 NCC					
ÖLFLEX 100 H 5G16 NCC					
ÖLFLEX 110 CH					
DLFLEX 120 CH					
🗄 🔟 ÖLFLEX 120 H					
OLFLEX 140 CY		· · · · · · · · · · · · · · · · · · ·			
ÖLFLEX 150 CY QUATTRO					
E OI FLEX 150 QUATTRO		Gewählte Kabel: 9		An	za





After confirmation with o.k. the cables are imported into the selected catalog, and the articles created in ARTICLE.MDB, if the appropriate option was used.

Datei Bearbeite	n Ansicht Hilfe					
∲ Neu	 Ausschneiden 	kopieren	Einfügen	/릴 Aktualisieren	√ Filter (∧us)	() Hilfe
Frojec: Katalog				VCB	Beschreibu	ing
	UADJON. 12.3 (CALAN COCK ACRC OLFLEX_100_H_3G1 OLFLEX_100_H_3G1 OLFLEX_100_H_3G2 OLFLEX_100_H_4G	LOG) L5 L5 NCC NCC NCC NCC S_NCC S_NCC S_NCC NCC NCC NCC NCC NCC NCC NCC		OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100 OLFLEX_100	H CLFLEX 10 H CLFLEX 10	0 H 3G1,5 0 H 3G2,5 0 H 3G2,5 0 H 3G2, 0 U H 4G2, U H 4G2, U H 4G2, U H 4G4, 0 H 4G6, 0 H 4G10, 0 H 4G10, 0 H 4G10, 0 H 4G10, 0 H 4G10, 0 H 4G25, 0 H 4G25, 0 H 4G25, 0 H 4G25, 0 H 4G12, 0 H 5G1, 0 H 5G2, 0 H 5G4, 0 H 5G4,

ARTICLE				
SUPPLIER	PARTNUMBI -1	DESCR -	SYMECL -	MANUFACT -
	0010000	ÖLFLEX CLASSIC 100 2X0,5		LAPP KABEL
	0010001	ÖLFLEX CLASSIC 100 3G0,5		LAPP KABEL
1	00100023	ÖLFLEX CLASSIC 100 4G0,5 NCC		LAPP KABEL
	00100033	ÖLFLEX CLASSIC 100 5G0,5 NCC		LAPP KABEL
<u>.</u>	0010004	ÓLFLEX CLASSIC 100 6G0,5		LAPP KABEL
	0010005	ÖLFLEX CLASSIC 100 7G0,5		LAPP KABEL
	0010006	ÓLFLEX CLASSIC 100 8G0,5		LAPP KABEL
	0010007	ÖLFLEX CLASSIC 100 10G0,5		LAPP KABEL
	0010008	ÖLFLEX CLASSIC 100 12G0,5		LAPP KABEL
	0010009	OLFLEX CLASSIC 100 14G0,5		LAPP KABEL
1	0010010	ÖLFLEX CLASSIC 100 16G0,5		LAPP KABEL
	0010011	ÖLFLEX CLASSIC 100 21G0,5		LAPP KABEL
	0010012	ÖLFLEX CLASSIC 100 24G0,5		LAPP KABEL
	0010013	ÖLFLEX CLASSIC 100 27G0,5		LAPP KABEL
1	0010016	ÓLFLEX CLASSIC 100 40G0,5		LAPP KABEL
	0010021	OLELEX CLASSIC 100 2X0 75		LAPP KAREL

As Manufacturer "LAPP KABEL" was created. The imported cables are now fully functional in AutoCAD ecscad.