

Product Code: **D4.11**

Product Description: **Electric motors, generators and transformers**

World Trade (2021): **174.5 Billion €**

This product code includes items indicated in the following table. Column "Weight %" also reported the percentage weight of each component with respect to aggregation considered. **This weight is determined by taking the structure of imports of the European Union.**

| Code | Weight % | Description |
|----------|----------|---|
| UL850110 | 8.2 | Electric motors power <= 37,5 W |
| UL850120 | 1.0 | Universal AC/DC motors of an output > 37,5 W |
| UL85013A | 10.6 | DC motors and generators of a power <= 75 kW |
| UL85013B | 0.2 | DC motors and generators of power> 75 kW |
| UL850140 | 2.6 | AC motors, single-phase |
| UL850153 | 3.3 | AC motors, multi-phase: power> 75 kW |
| UL85015A | 9.4 | AC motors, multi-phase: power <= 75 kW |
| UL85016A | 0.4 | Alternators, power <= 75 kVA |
| UL85016B | 1.5 | Alternators, power> 75 kVA |
| UL850211 | 0.5 | Diesel generating sets, power <= 75 kVA |
| UL850212 | 0.4 | Diesel generating sets, power> 75 kVA but <= 375 kVA |
| UL850213 | 0.9 | Diesel generating sets, power> 375 kVA |
| UL850220 | 1.0 | Generating sets with internal combustion engine |
| UL850231 | 3.0 | Wind turbines |
| UL850239 | 0.4 | Turbo-generators |
| UL850240 | 0.1 | Electric rotary converters |
| UL850410 | 0.8 | Ballasts for discharge lamps or tubes |
| UL850421 | 0.8 | Liquid dielectric transformers, having a power <= 650 kVA |
| UL850422 | 1.1 | Liquid dielectric transformers, having a power> 650 kVA but <= 10.000 kVA |

| Code | Weight % | Description |
|-------------|-----------------|---|
| UL850423 | 0.9 | Liquid dielectric transformers, having a power > 10.000 kVA |
| UL850431 | 2.8 | Dry-type transformers, power <= 1 kVA |
| UL850432 | 0.3 | Dry-type transformers, power > 1 kVA but <= 16 kVA |
| UL850433 | 0.3 | Dry-type transformers, power > 16 kVA but <= 500 kVA |
| UL850434 | 0.6 | Dry-type transformers, power > 500 kVA |
| UL850440 | 43.0 | Static Converters |
| UL850450 | 5.9 | Inductors and parts |