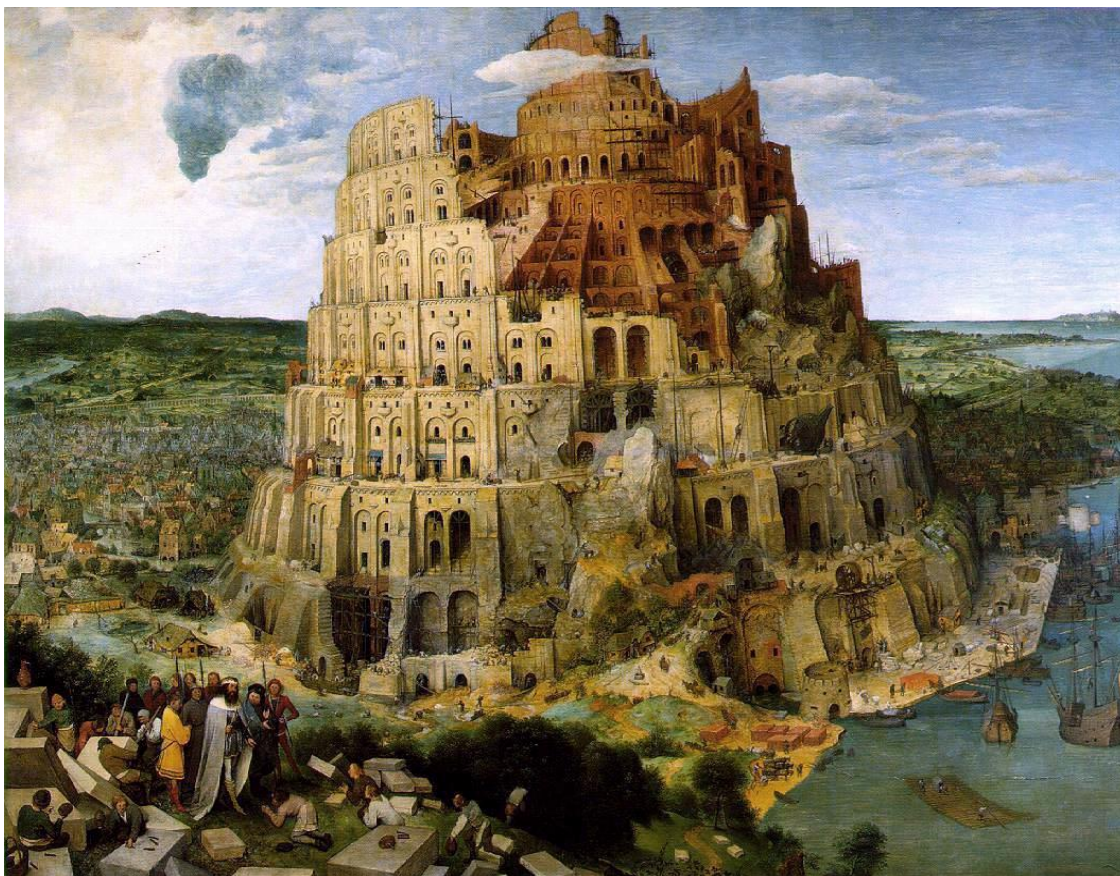


One universal language in product information



The tower of Babel, 1563
Pieter BRUEGEL, the Elder

Trends in product information management:

- rapid growth of product range
- further growth of information requirements per product
- shorter product life cycle and quicker TTM (time to market)
- quality of the product information is more and more important

Trends in product information management:

Consequences:

- **An efficient maintenance of the product data is not (longer) possible in a manual way!**
- **Searching (finding!) of the right product is more and more difficult**
- **Asks for standards in product data management to make to product databases easily accessible for users!**

ETIM Classification

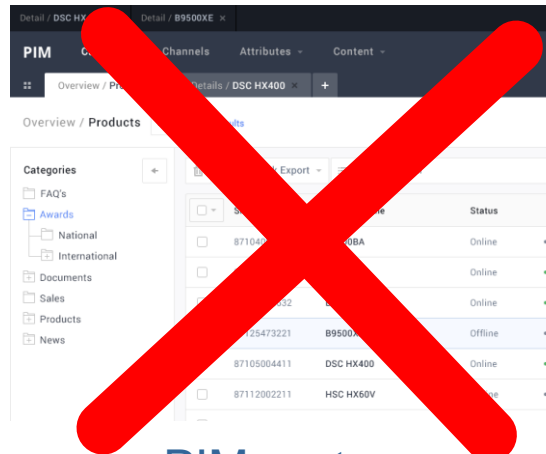
- What is it?
 - A logical, unambiguous classification of products in different product classes (categories)
 - Listing of the most important technical characteristics of each product class to *describe and find* the articles
 - Each class has several synonyms, thereby finding the right product is much easier for everyone!

Multi lingual – Media neutral – Supplier neutral

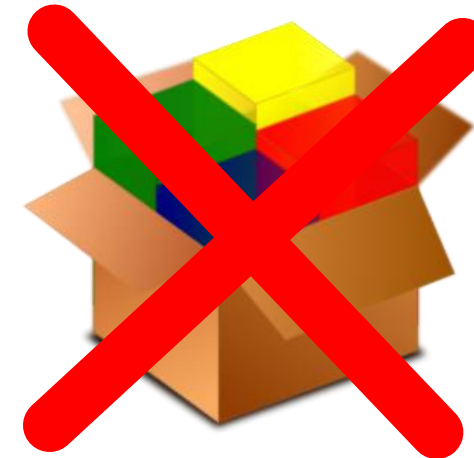
ETIM is



data base



PIM system



product content

a standard format to structure product data



ETIM classification - an example

- How are ETIM classified data generated and exchanged
 - Illustrates multi-lingual use

Home / Classes / Class

Miniature circuit breaker (MCB)

Class code EC000042 Class version **6**
 Sector E Status Published
 Group code EG000020 - Circuit breakers and fuses

Features Translations Discussion Reference products

	Code	Description	Type	Unit
1	EF000889	Release characteristic	A	
2	EF008618	Number of poles (total)	N	
3	EF005548	Number of protected poles	N	
4	EF000227	Nominal rated current	N	Ampere (A)
5	EF000228	Nominal rated voltage	N	Volt (V)
6	EF009556	Rated short-circuit breaking capacity Icn EN 60898 at 230 V	N	kiloampere (kA)
7	EF009555	Rated short-circuit breaking capacity Icn EN 60898 at 400 V	N	kiloampere (kA)
8	EF009557	Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V	N	kiloampere (kA)
9	EF009558	Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V	N	kiloampere (kA)

Products

Product Code	GTIN	Series	Type	Description	Free4	Product Code Successor	Product Code Predecessor	Starting I
103872	87114010428	VMVL		VMvL wt# 4G	(null)			(null)
125069	87114011192	SHIP		HUSO TIOI 0.	(null)			(null)
125130	87114011048	SHIP		HUSK TFXI 0	(null)			(null)
128127	87114011041	Signa	2302	Sign kab afg	(null)			(null)
118983	87114019073	HULT		HULT 0,6/1k	(null)			(null)
101700	87114010177	NwP		NwPK-spec	(null)			(null)
124876	87114010935	SHIP		TI 0,6/1kV bk	(null)			(null)
110472	87114012000	VULT		VULTO 0,6/1	(null)			(null)
117866	87114017880	Telef	2630	Tel.kab mb n	(null)			(null)
114564	87114015987	Signa	2708	Sign kab mb	(null)			(null)
120569	87114011243	DATA		DATA-X-FLEX	(null)			(null)
102891	87114019494	VD		VD gy# 25 m	(null)			(null)
100907	87114010078	VDS		VDS ye/gn# 1	(null)			(null)
126508	87114010408	DATA		DATA-X-FLEX	(null)			(null)
107587	87114010888	EDR		EDRATEEN	(null)			(null)
127087	87114010712	Signa	2524	Sign kab afg	(null)			(null)
126502	87114010405	DATA		DATA-X-FLEX	(null)			(null)
124888	87114010892	SHIP		TXOI 0,6/1kV	(null)			(null)
122004	87114013146	HULT		HULTO 0,6/1	(null)			(null)
125440	87114010239	SHIP		HUSK TFXI 0	(null)			(null)
125899	87114010324	HULT	var	HULT 0,6/1k	(null)			(null)
101644	87114010138	NwP		NwPK-spec	(null)			(null)
126494	87114010401	DATA		DATA-X-FLEX	(null)			(null)
120512	87114011159	DATA		DATA-X-FLEX	(null)			(null)
125141	87114010213	SHIP		HUSK TFXI 0	(null)			(null)
100913	87114010084	VDS		VDS rd# 1,5	(null)			(null)
102892	87114010278	VD		VD gy# 35 m	(null)			(null)
125058	87114010202	SHIP		HUSO TIOI 0.	(null)			(null)
121620	87114013985	HVD		HVD 70C 450	(null)			(null)
111110	87114012236	VULT		VULT 0,6/1k	(null)			(null)
124657	87114010157	VULT		VULTFLEX m	(null)			(null)
125682	87114010291	H07R		H07RN-F og#	(null)			(null)
111338	87114012405	VULT		VULT 0,6/1k	(null)			(null)
118977	87114011321	Signa	2501	Sign kab afg	(null)			(null)
114775	87114016274	Trafo-		Trafokabel 0.	(null)			(null)
119274	87114019396	XMV		XMvK 450/75	(null)			(null)
123147	87114014999	HVD		HVD 70C 450	(null)			(null)
124936	87114010191	SHIP		TXOI 250V g	(null)			(null)
112359	87114012772	ASF		ASF mb gy#	(null)			(null)
121629	87114013997	HVD		HVDS 70C 4	(null)			(null)
103954	87114010468	VMV		VMvS bk# 2x	(null)			(null)
124463	87114010174	HVM		HVMDS 70C	(null)			(null)
120965	87114011656	GRO	3x2	LT grondkabe	(null)			(null)
126171	87114010366	H07R		H07RN-F og#	(null)			(null)
102840	87114010250	VD		VD bu# 6 mm	(null)			(null)
120421	87114010991	QwP		QwPK 300/5	(null)			(null)

Incomplete
 Columns Show referred articles

Filtered: 2139 of 2139

Details

Features Product

Class

Filter:

Product Group: Leidingen

Product Class: Stuurstroomeiding

1. Nominale geleiderdoorsnede (mm²)

2. Samenstelling geleider

3. Aantal aders

4. Getwist

5. Aderisolatie

6. Adercodering

7. Geel/Groene ader yes no unset

8. Afscherming groepen

9. Afscherming collectief

10. Materiaal buitenmantel

11. Mantelkleur

12. Halogeenvrij volgens EN 50267-2-2 yes no unset

13. Brandvertraging

14. Rookarm vlgs. EN 61034-2 yes no unset

15. Koudebestendig vlgs. EN 60811-1-4 yes no unset

16. Oliebestendig vlgs. EN 60811-2-1 yes no unset

17. Buitendiameter circa (mm)

18. Min/max installatietemperatuur (°C) to

19. Min/max bedrijfstemperatuur (°C) to

20. Nominale spanning U0 (V)

21. Nominale spanning U (V)


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```

Class (code) = EC000104 = Control cable

Feature (code) = EF001632 = Conductor category

Value (code) = EV004201 = Class 5 = flexible

ETIM

Klasse Miniature circuit breaker (MCB)




Vrij zoeken op omschrijving, merk, type, serie, kenmerk etc. Gebruik wildcards (*, ?) om op delen van een woord te zoeken; bv: aardlek* of aardlek????

Kenmerk toevoegen | Leveranciers | Vervallen producten | Online Conditie Server

Merk | Kenmerk

Producten (30418) | Klassen

- Miniature circuit breaker (MCB)
- Release characteristic**
- B (4370)
 - C (7152)
 - Other (163)
 - K (2172)
 - D (3871)
 - E (57)
 - A (110)
 - S (36)
 - Z (1145)
 - KM (7)
 - (niet gevuld) (1230)
- Number of poles (total)

	<p>ABB Installatiedozen en kasten Hafonorm 0025.007 FORNUISGROEP B20(FY0025.007)</p> <p>Release characteristic B Number of poles (total) 2 Number of protected poles 1</p> <p>Rated current 20 Rated voltage 230 Rated short-circuit breaki... 6</p>	<p>ABB 14 artikel(en)</p>
	<p>Doepke Kernsortiment DLS 6H B10-1 6KA Inst.aut. 6h DLS 6kA 10A/B-kar./1p (09914021)</p> <p>Release characteristic B Number of poles (total) 1 Number of protected poles 1</p> <p>Rated current 10 Rated voltage 230 Rated insulation voltage Ui 2</p>	<p>6 artikel(en)</p>
	<p>Doepke Kernsortiment DLS 6H B13-1 6KA Inst.aut. 6h DLS 6kA 13A/B-kar./1p (09914022)</p> <p>Release characteristic B Number of poles (total) 1 Number of protected poles 1</p> <p>Rated current 13 Rated voltage 230 Rated insulation voltage Ui 2</p>	<p>6 artikel(en)</p>



Miniature circuit breaker (MCB) [↗](#)

ABB Componenten [↗](#)

ABB Componenten

System pro M compact

S 201 C 2

ETIM kenmerken

Kenmerk

Waarde

Release characteristic

C

Number of poles (total)

1

Number of protected poles

1

Rated current

2 A

Rated voltage

230 V

Rated short-circuit breaking capacity EN 60898

6 kA

Rated short-circuit breaking capacity IEC 60947-2

10 kA



Protector magnetotérmico (MCB) [↗](#)

[ABB Componenten](#) [↗](#)

[ABB Componenten](#)

[System pro M compact](#)

[S 201 C 2](#)

ETIM kenmerken

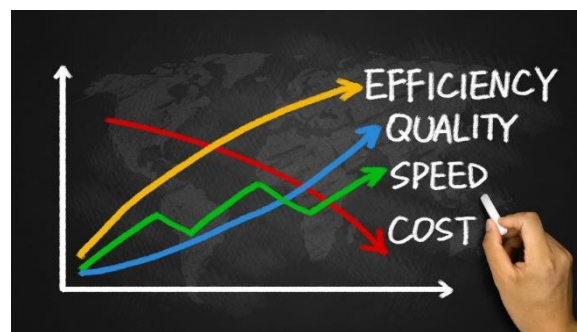
Kenmerk

Waarde

Tipo de disparo	C
Número de polos (total)	1
Número de polos protegidos	1
Corriente nominal	2 A
Tensión nominal	230 V
Capacidad de desconexión de cortocircuito nominal EN 60898	6 kA
Capacidad de desconexión de cortocircuito nominal IEC 609...	10 kA

Value of ETIM

Efficiency:
One single format to publish
and exchange
Flat structure



Industry standard:
Represents best know how
Governed by industry
Supplier independent
Open standard



Quality:
Check at onboarding:
Predefined features &
values
Proven reliability



FIND
instead of
SEARCH



Really global:
One model, 17 languages
Wide scope, and
growing



ETIM = open standard

- **ETIM is a complete open standard**
 - Anyone can use the model (‘as it is’) for free, **but**
 - Only members have influence on development
 - Some (country) language versions limited to use for members only
 - Additional services on national level



ETIM = simple and applicable

- It should be relatively easy for ALL manufacturers to deliver classified data of their products
- Real data are already available and can be used in applications
 - No theory but a *de facto standard*!

Keep it simple is the power of ETIM!

ETIM International

- Non-profit organization, founded in 2008, seat in Brussels
- Members are local ETIM organizations (not individual companies)
- 6 founding members, now 22 member organizations
- One interface for suppliers + frictionless data exchange between countries
- Cooperation and harmonization with other standards (e.g. eCl@ss, buildingSMART)

Members 2020



Netherlands



Germany



Belgium



Switzerland



Spain



Sweden



Austria/2010



Poland/2010



France/2012



Norway/2014



Denmark/2014



Finland/2015



USA/Canada/2015



Italy/2015



UK/2016



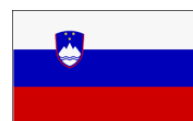
Lithuania/2017



Russia/2017



Slovakia/2018



Slovenia/2019



Portugal/2019



Hungary/2020



Estonia/2020

ETIM International

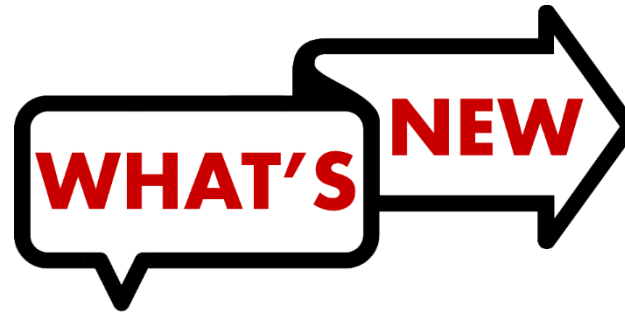
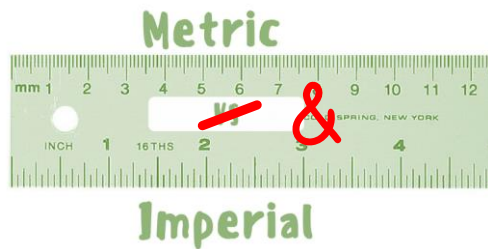
Sectors within ETIM – status 2020

- **Electrical** → In all ETIM countries
- **HVAC/Sanitary** → In 11 countries (BE, CH, DE, DK, FI, FR, IT, NL, NO, PL, SE)
- **Shipbuilding** (only NL, but fully available in English)
- **Building** → In 5 countries (DE, FI, NL, NO, SE)
- **Tools, hardware and site supplies** → started from Germany, but cross-sector

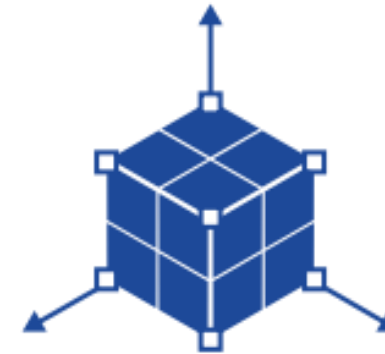
Overlap in products between sectors, one standard prevents suppliers active in multiple sectors from doing double work!



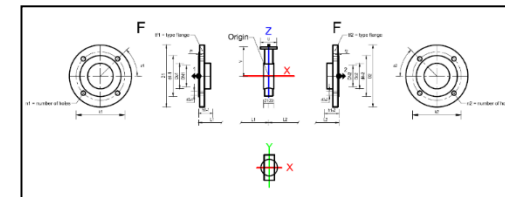
ETIM Dynamic:
Classify new products
and mark changes



ETIM UP:
Convert product data
to new ETIM version



ETIM MC:
3D modelling for BIM:
Geometrical parameters
to standardize 3D design

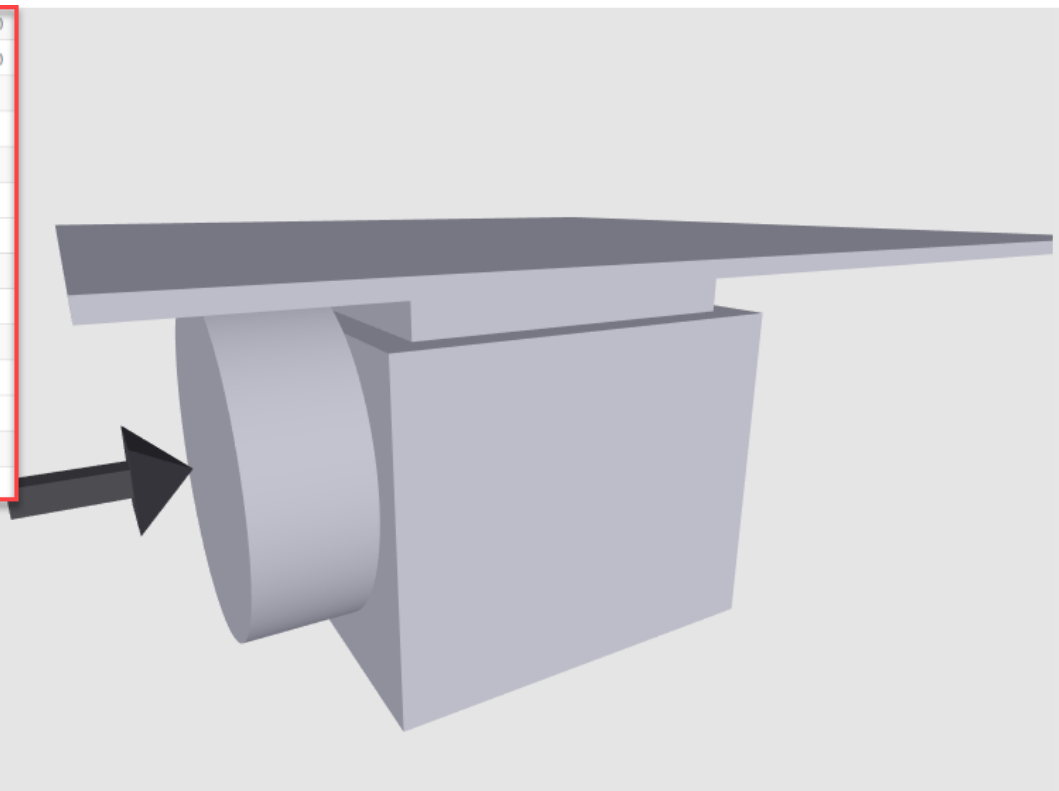


Open UOB



ETIM Productklasse	Vortex grille ↗
ETIM Modeller klasse	MC000178 ↗
Fabrikant	UOB ↗
Merk	UOB
Serie	Wervelrooster
Type	-
GTIN	-
Productcode	POC product 7
GLN	8714231771753
Status	-
Gewicht	10 Kilogram
Voorganger	-
Opvolger	-

Plenum shape	Rectangular (EV000220)
Front shape	Rectangular (EV000220)
Plenum diameter	250 mm
Front diameter	350 mm
Height 1	300 mm
Height 2	50 mm
Length of plenum	300 mm
Front length	600 mm
Plenum width	300 mm
Front width	600 mm
Nominal duct diameter of connection	250 mm
Height, connection	150 mm
Insert length	80 mm
Connection	Insert end (EV020538)





Thank you for your attention!