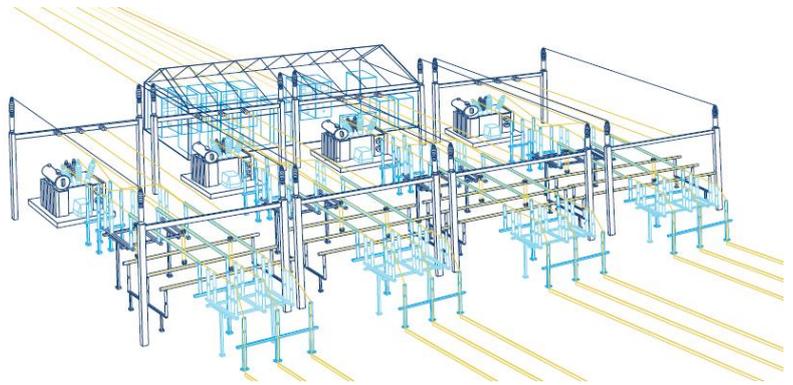


Distribution Automation

PST Product Selection Tool User Manual



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1 PST – Product Selection Tool

Product Selection Tool, a Next-Generation Order Number Tool, is designed to support order code creation for ABB Distribution Automation IEC products with emphasis on but not exclusively for Relion Product Family.

PST provides

- Easy to obtain and use even from outside ABB (due to DMZ support)
- Easy creation of complete order code with detailed specification
 - Selection of several products
 - Support for mailing selected products
 - Support for printing specification
 - Price data for authorised persons
- Always online, but available also offline (powered by HTML5 app cache)
- Latest product information
 - Both price and product data is automatically updated on regular basis
 - Both price and product data can be updated manually by the user on request

To utilize all features in PST, user must have Internet Explorer version 10 or newer. In addition it is recommended not to delete browsing history upon exiting browser. Stored browsing history is required to enable offline mode.

2 How to obtain PST

There are two links available to obtain PST depending on the user's access rights to ABB internal network.

PST for ABB internal users: <https://fivaa-s-te00145.fi.abb.com/PST/>

PST for internal and external users. Registration is required. Some features may not be available in this version for external users: <https://abbtm.fi.abb.com/PST/#/>

2.1 Registration to PST

Registration is required in order to access PST outside of ABB internal network.

Fill in the required information and press “Register”.

Registration is now completed and you can sign in.

PRODUCT SELECTION TOOL v1.2.22388 - ADMIN PAGE Price ▾ Modular Product ▾ Static Product ▾ Power and productivity
for a better world™ **ABB**

You are logged in as NMEA\HARMJAR!

Please select price lists which will be visible for you in Product Selection Tool:

Filter

Submit price list




Filter

OE-EUR-E01

Confirm the visibility of selected price lists by submitting the list.

PRODUCT SELECTION TOOL v1.2.22388 - ADMIN PAGE Price ▾ Modular Product ▾ Static Product ▾ Power and productivity
for a better world™ **ABB**

You are logged in as NMEA\HARMJAR!

Please select price lists which will be visible for you in Product Selection Tool:

Filter

Submit price list 




Filter

OE-EUR-E01

Exit from Admin page and return to Product Selection Tool.

PRODUCT SELECTION TOOL v1.2.22388 - ADMIN PAGE Price ▾ Modular Product ▾ Static Product ▾ Power and productivity
for a better world™ **ABB**

You are logged in as NMEA\HARMJAR!

Please select price lists which will be visible for you in Product Selection Tool:

Filter

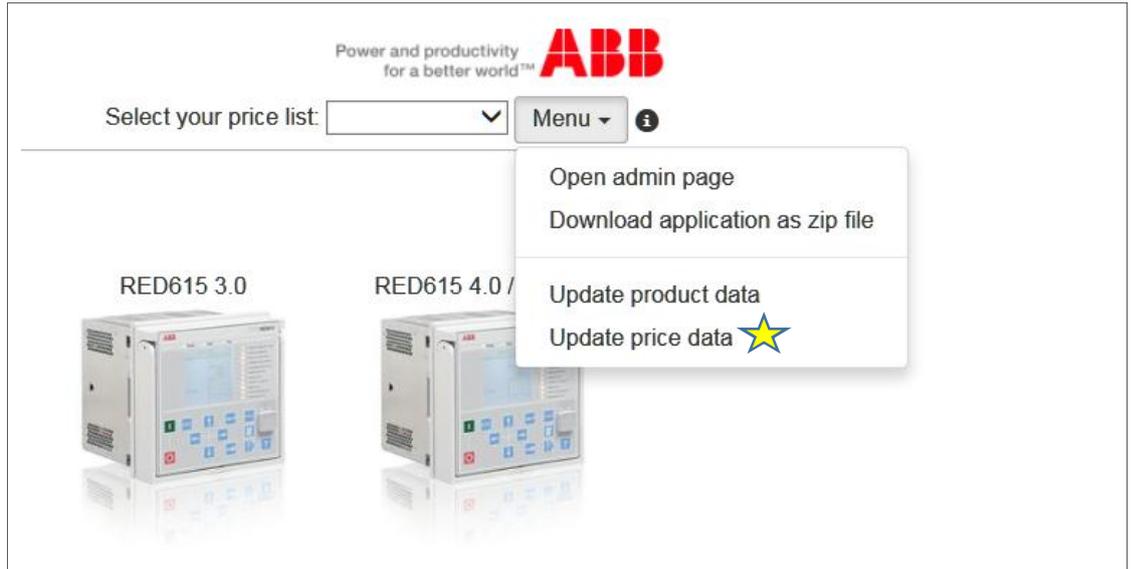
Submit price list



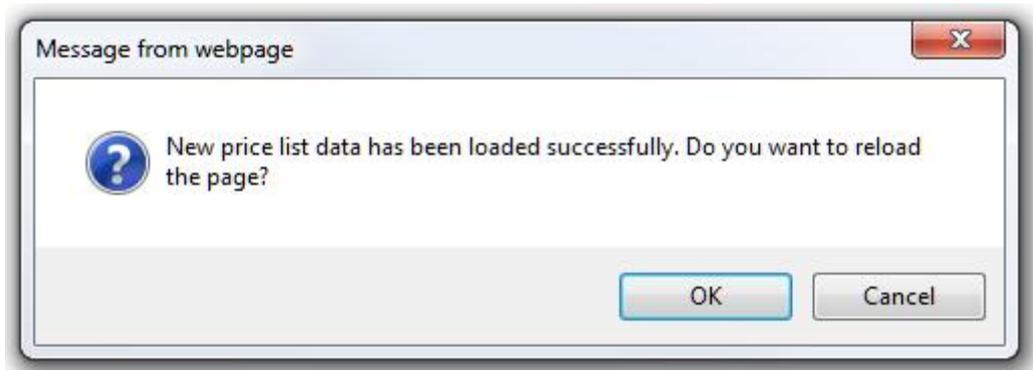

Filter

OE-EUR-E01

Update price data from the menu.



The following message comes automatically after successful price data update. Complete price list set up and reload the page.



Price list is now selectable from the drop-down menu.



3.2 ABB external users - Setting up price list visibility

Import price data file (priceData_yyyymmddxxxxx.spt).

Power and productivity
for a better world™ **ABB**

Select your price list:  

Price list is now selectable from the drop-down menu.

Power and productivity
for a better world™ **ABB**

Select your price list: 

3.2.1 How to obtain price data file

Contact your local ABB representative or email your request to FI-FIDA-SalesSupport@abb.com.

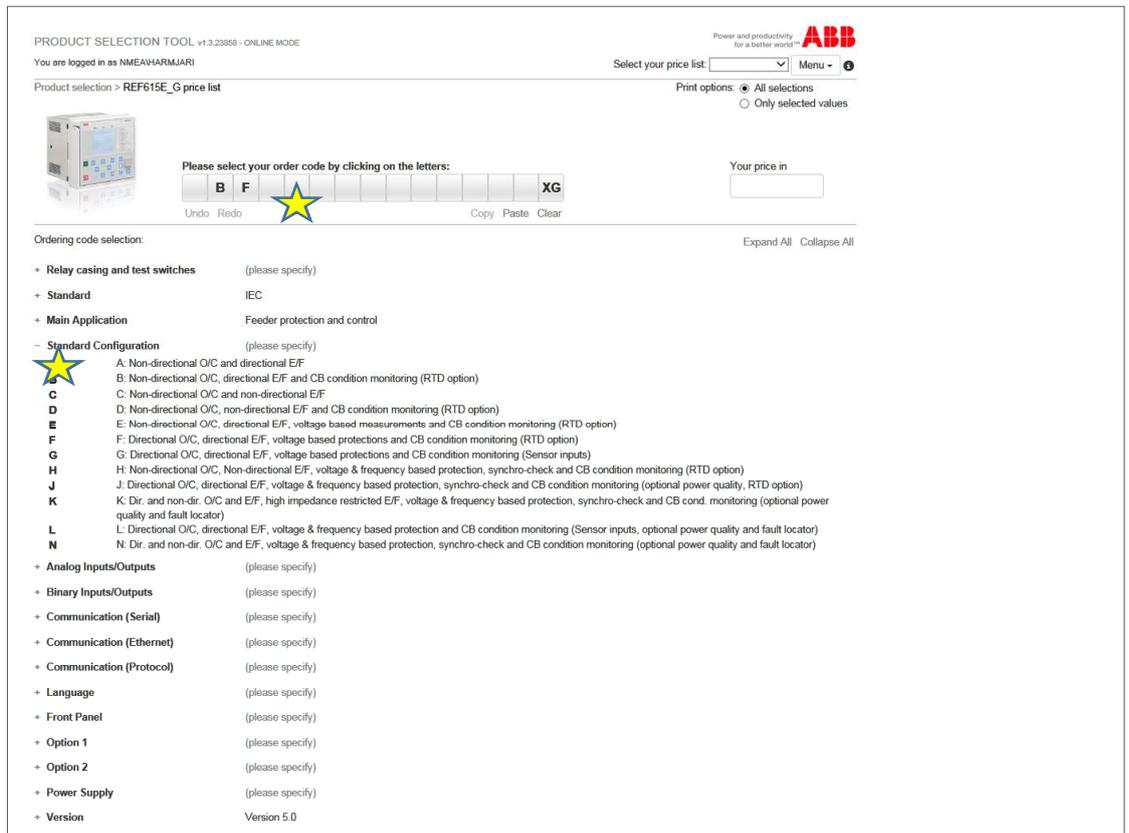
4 Creating order code

4.1 Modular products

Select a product you want to create an order code for.



Product specific configuration page opens and user can start creating the order code.



Full order code is required to get price information in addition to selected price list.

Due to the modular nature of the product there are restrictions to order code selection. Selection of any available order code character may result other codes to be unavailable. Below example shows how communication card selection effects the availability of communication protocols.

PST automatically guides users to create valid order codes. Unavailable selections are dimmed and cannot be selected.

PRODUCT SELECTION TOOL v1.3.23858 - ONLINE MODE
 You are logged in as NMEA\HARMJARI

Select your price list: Menu i

Product selection > REF615E_G price list
Print options: All selections
 Only selected values

Please select your order code by clicking on the letters:

B

F

A

N

XG

Undo Redo Copy Paste Clear

Your price in

Ordering code selection: Expand All Collapse All

- + Relay casing and test switches (please specify)
- + Standard IEC
- + Main Application Feeder protection and control
- + Standard Configuration (please specify)
- + Analog Inputs/Outputs (please specify)
- + Binary Inputs/Outputs (please specify)
- + Communication (Serial) RS 485 (including IRIG-B) ★
- + Communication (Ethernet) None ★
- Communication (Protocol) (please specify)
 - A IEC 61850
 - ★ B Modbus
 - C IEC 61850+Modbus
 - ★ D IEC 103
 - ★ E DNP 3.0
 - G IEC 61850 + IEC103
 - H IEC 61850 + DNP 3.0
- + Language (please specify)
- + Front Panel (please specify)
- + Option 1 (please specify)
- + Option 2 (please specify)
- + Power Supply (please specify)
- + Version Version 5.0

4.2 Static products

Static products' order codes do not require creation and can be used as such.

Product selection > Static products

- Accessories
- REA 101
- REA 103
- REA 105
- REA 107
- REC 523
- REC 601
- REC 603
- ★ REF 541
- REF 542plus
- REF 543
- REF 545
- REF 601
- REF 610
- REJ 601
- REJ 603
- REM 543
- REM 545
- REM 601
- REM 610
- RER 103
- RER 123
- RER 601
- RER 603
- RET 541
- RET 543
- RET 545
- REU 610
- RIO 600
- RTU 540 DIN Rail
- SACO 16D1
- SACO 16D3
- SACO 64D4
- SPAJ 140 C
- SPAJ 160 C
- SPAM 150 C
- SPER 1B1 C4
- SPER 1C1
- SPER 1C2

PRODUCT SELECTION TOOL v1.3.23858 - ONLINE MODE Power and productivity for a better world™ **ABB**

You are logged in as NMEA\HARMJARI Select your price list: Menu

Product selection > REF 541 price list

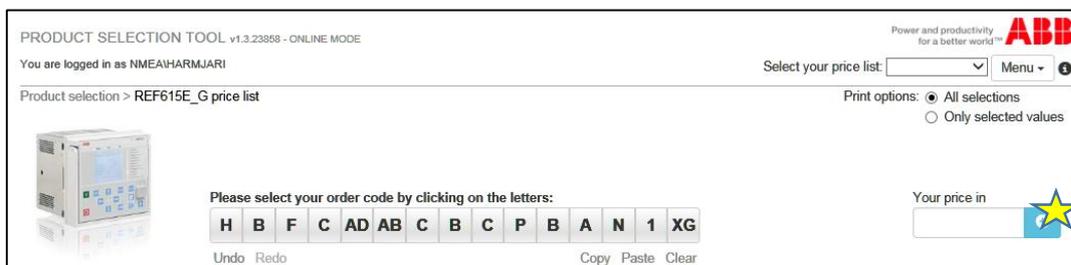
Product code	Description	Price (€)
REF541KB115AAAA	Analog input module: 4 (1/5A) CT + 1 (0.2/1A) CT + 4 (100-120V) VT Digital inputs: 15 Threshold voltage for binary inputs: 80 V DC Digital outputs: 12 Input voltage, AC: 110/120/220/240 V Input voltage, DC: 110/125/220 V Voltage variation: AC 85 - 110%, DC 80 - 120% of rated value Functionality level: Basic Nominal frequency: 50/60 Hz Display: Fixed	
REF541KB115AAB	Analog input module: 4 (1/5A) CT + 1 (0.2/1A) CT + 4 (100-120V) VT Digital inputs: 15 Threshold voltage for binary inputs: 80 V DC Digital outputs: 12 Input voltage, AC: 110/120/220/240 V Input voltage, DC: 110/125/220 V Voltage variation: AC 85 - 110%, DC 80 - 120% of rated value Functionality level: Basic Nominal frequency: 50/60 Hz Display: External	
REF541KB115AABA	Analog input module: 4 (1/5A) CT + 1 (0.2/1A) CT + 4 (100-120V) VT + 9 sensors Digital inputs: 15 Threshold voltage for binary inputs: 80 V DC Digital outputs: 12 Input voltage, AC: 110/120/220/240 V Input voltage, DC: 110/125/220 V Voltage variation: AC 85 - 110%, DC 80 - 120% of rated value Functionality level: Basic Nominal frequency: 50/60 Hz Display: Fixed	

5 Selected products -cart

User can store configured products into a cart that can be used for copying or emailing selected products with detailed specification.

5.1 Store selected products

Full order code creation enables user to store the product into a cart.



PRODUCT SELECTION TOOL v1.3.23858 - ONLINE MODE

You are logged in as NMEA\HARMJARI

Select your price list: Menu

Product selection > REF615E_G price list

Print options: All selections
 Only selected values

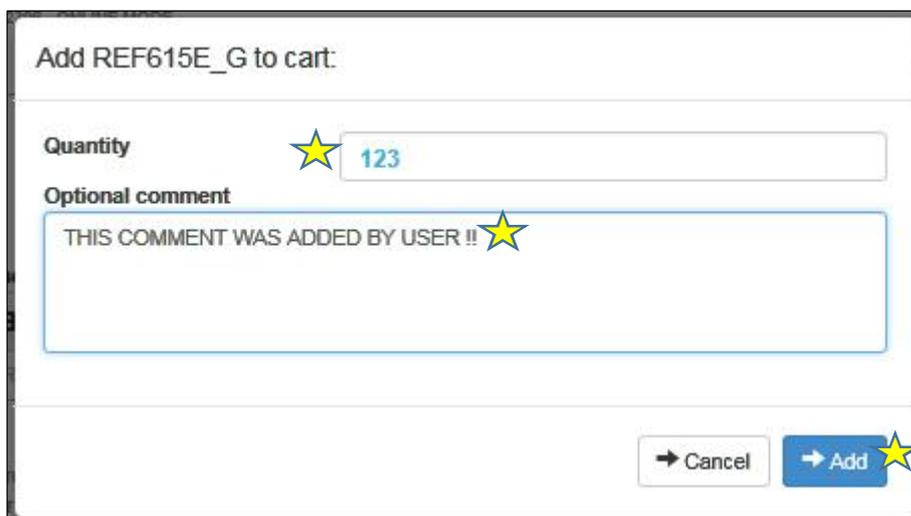
Your price in

Please select your order code by clicking on the letters:

H	B	F	C	AD	AB	C	B	C	P	B	A	N	1	XG
---	---	---	---	----	----	---	---	---	---	---	---	---	---	----

Undo Redo Copy Paste Clear

User can add quantities and write comments that are shown in the cart.



Add REF615E_G to cart:

Quantity

Optional comment

THIS COMMENT WAS ADDED BY USER !!

→ Cancel → Add

Several different products can be configured and stored into a cart.

5.2 View selected products

Current product selection can be viewed with or without product details.

PRODUCT SELECTION TOOL v1.3.23858 - ONLINE MODE Power and productivity for a better world™ **ABB**

You are logged in as NMEAIHARMJARI, view your current product selection here 1 ★

Product selection > REF615E_G price list Select your price list: Menu ⓘ

Print options: All selections
 Only selected values



Please select your order code by clicking on the letters:

H
B
F
C
AD
AB
C
B
C
P
B
A
N
1
XG

Undo Redo Copy Paste Clear

Your price in

Your current product selection overview ☰

Below is a list of products that you have selected. In case you want to do something with them, please press "Send email" button below

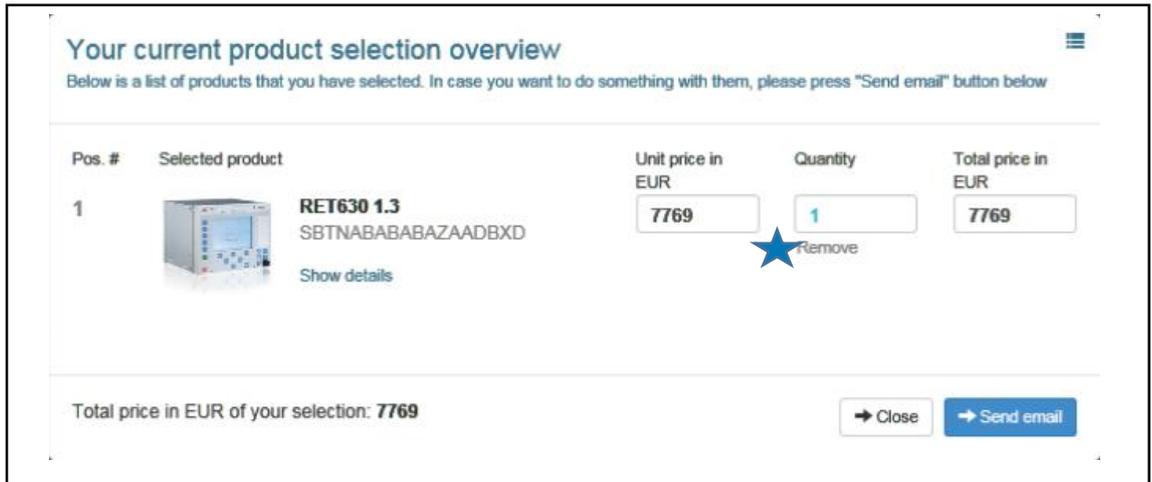
Pos. #	Selected product	Unit price in EUR	Quantity	Total price in EUR																																
1	 <p>REF615 5.0 HBFCADABAAB4BCN2XG <small>THIS COMMENT WAS ADDED BY USER!</small> Show details ★</p>	3132	123 <small>Remove</small>	385236																																
2	 <p>RET630 1.3 SBTNABABABAZAADBxD <small>AND THIS ONE TOO!</small> Hide details ★</p>	7769	12 <small>Remove</small>	93228																																
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">IED</td> <td>RE_630, 4U half 19" housing</td> </tr> <tr> <td>Standard</td> <td>IEC</td> </tr> <tr> <td>Main application</td> <td>Transformer protection and control</td> </tr> <tr> <td>Preconfiguration</td> <td>No pre-configuration</td> </tr> <tr> <td>Analog input options</td> <td>8I + 2U (Io 1/5A)</td> </tr> <tr> <td>Binary input/output options</td> <td>23BI + 18BO</td> </tr> <tr> <td>Communication modules (Serial)</td> <td>Serial glass fibre (ST connector)</td> </tr> <tr> <td>Communication modules (Ethernet)</td> <td>Ethernet 100Base-TX (RJ-45 connector)</td> </tr> <tr> <td>Communication (Protocol)</td> <td>IEC 61850 protocol</td> </tr> <tr> <td>Language</td> <td>Language package</td> </tr> <tr> <td>Front panel</td> <td>Integrated LHMI</td> </tr> <tr> <td>Option 1</td> <td>Automatic voltage regulator + under impedance</td> </tr> <tr> <td>Option 2</td> <td>Over-excitation</td> </tr> <tr> <td>Power supply</td> <td>Power supply 110-250 VDC, 100-240 VAC</td> </tr> <tr> <td>Reserved</td> <td>Undefined</td> </tr> <tr> <td>Version</td> <td>Version 1.3</td> </tr> </table>			IED	RE_630, 4U half 19" housing	Standard	IEC	Main application	Transformer protection and control	Preconfiguration	No pre-configuration	Analog input options	8I + 2U (Io 1/5A)	Binary input/output options	23BI + 18BO	Communication modules (Serial)	Serial glass fibre (ST connector)	Communication modules (Ethernet)	Ethernet 100Base-TX (RJ-45 connector)	Communication (Protocol)	IEC 61850 protocol	Language	Language package	Front panel	Integrated LHMI	Option 1	Automatic voltage regulator + under impedance	Option 2	Over-excitation	Power supply	Power supply 110-250 VDC, 100-240 VAC	Reserved	Undefined	Version	Version 1.3
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Power supply	Power supply 110-250 VDC, 100-240 VAC																																			
Reserved	Undefined																																			
Version	Version 1.3																																			

Total price in EUR of your selection: **478464**

→ Close
→ Send email

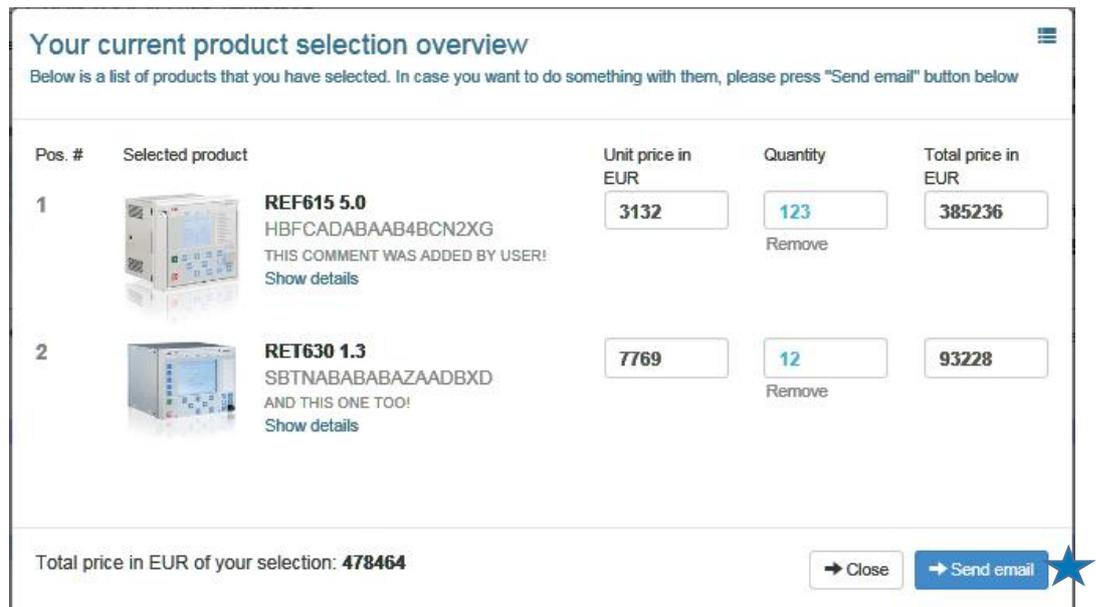
5.3 Remove selected products

User can remove already selected products by position.

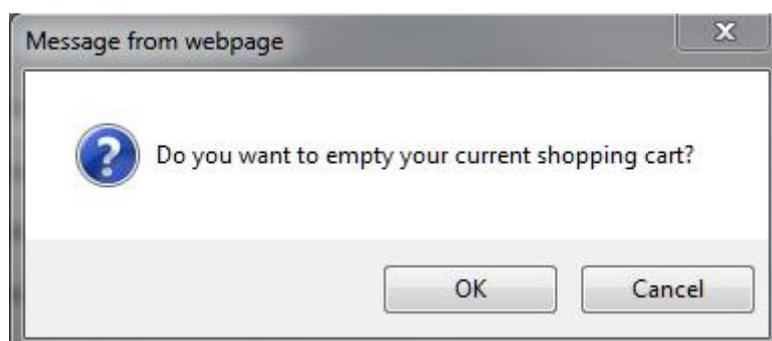


5.4 Email selected products

The content of Selected products -cart can be send by email or copied to another document.



Message window allows user to choose to keep the existing product selection in the cart or alternatively empty it.



Default message includes sender information in addition to detailed product specification. User can freely modify the content before emailing.

Send Email - List of selected products

From:

To:

Subject:

YOU CAN ADD TEXT HERE OR COPY THIS CONTENT TO ANOTHER DOCUMENT!

Information about sending person:
First name: Mauri
Last name: Perusjatka
Email: mauri.perusjatka@testmail.com
Country: Finland

ITEM 1:
RET630 1.3
SBTNABABABAZAADBxD
No comment
Quantity: 12
Unit price in EUR: 7769
Total price in EUR: 93228



6 Update product data

Product data is automatically updated on regular basis. However it is possible to manually update product data in Online mode.



User is asked to reload the page.

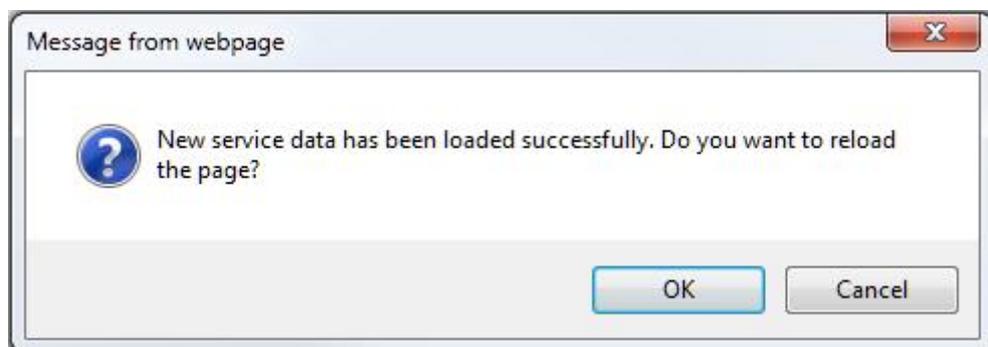


7 Update price data (for internal users)

Price data is automatically updated on regular basis. However it is possible to manually update price data in Online mode.



User is asked to reload the page



8 Update price data (for external users)

Import new price data file.

9 FAQ

9.1 PST page doesn't load properly and the tool cannot be used.

Check that you have Internet Explorer 10 or newer version.

9.2 Price list selection is dimmed

If there are items in Selected products-cart, you cannot change the price list. Remove items from the cart.

9.3 I cannot select price list (for internal users)

Refer to Chapter 3 – Getting Started. If you do not have access rights to CCP DA Configurator price list, please contact DA representative.

9.4 I cannot select price list (for external users)

Import price data file. If you do not have price data file, please contact your local ABB representative or email to FI-FIDA-SalesSupport@abb.com

9.5 PST does not work in Offline mode

Check browsing history is not deleted when exiting Internet Explorer.

9.6 Product data is not up-to-date

Product data is automatically updated on regular basis. However you can manually update product data in Online mode.

9.7 I cannot see the latest price changes

Price data is automatically updated on regular basis. However you can manually update price data in Online mode.

9.8 I cannot access Admin –page (for internal users)

Check your internet connection. Admin -page works only in Online mode.

Contact us:

**ABB Oy Medium Voltage Products
Distribution Automation**

P.O. Box 699,
FI-65101 Vaasa, Finland

FI-FIDA-SalesSupport@abb.com