

TXpert System (CoreTec™ 5) Sales & Engineering Configurator User Manual

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1 Application Overview

The objective of these configurator tools is to provide the business with a tool for configuring a price using a Sales configurator named as “e-Config” that is simple to set up and maintain by users through built-in maintenance tools. In addition to this, we will be introducing the “Engineering configurator” tool which will gather all the required technical inputs from Transformer Engineering team which will be further used to build Customer Ordered TXpert System. Along with we will be having Order Data sheet to collect high level requirements from External Customers (Other than HE or TRES Factory customers)

Application Features:

- Streamline the Sales to Engineering Process flow.
- Acts as a medium to transfer customer requirements from Sales to Engineering team.
- Reducing Engineering lead time.
- Single source of Engineering required Information.
- This avoids to and fro mail communication to collect required details from Customer.

Setup & Requirements:

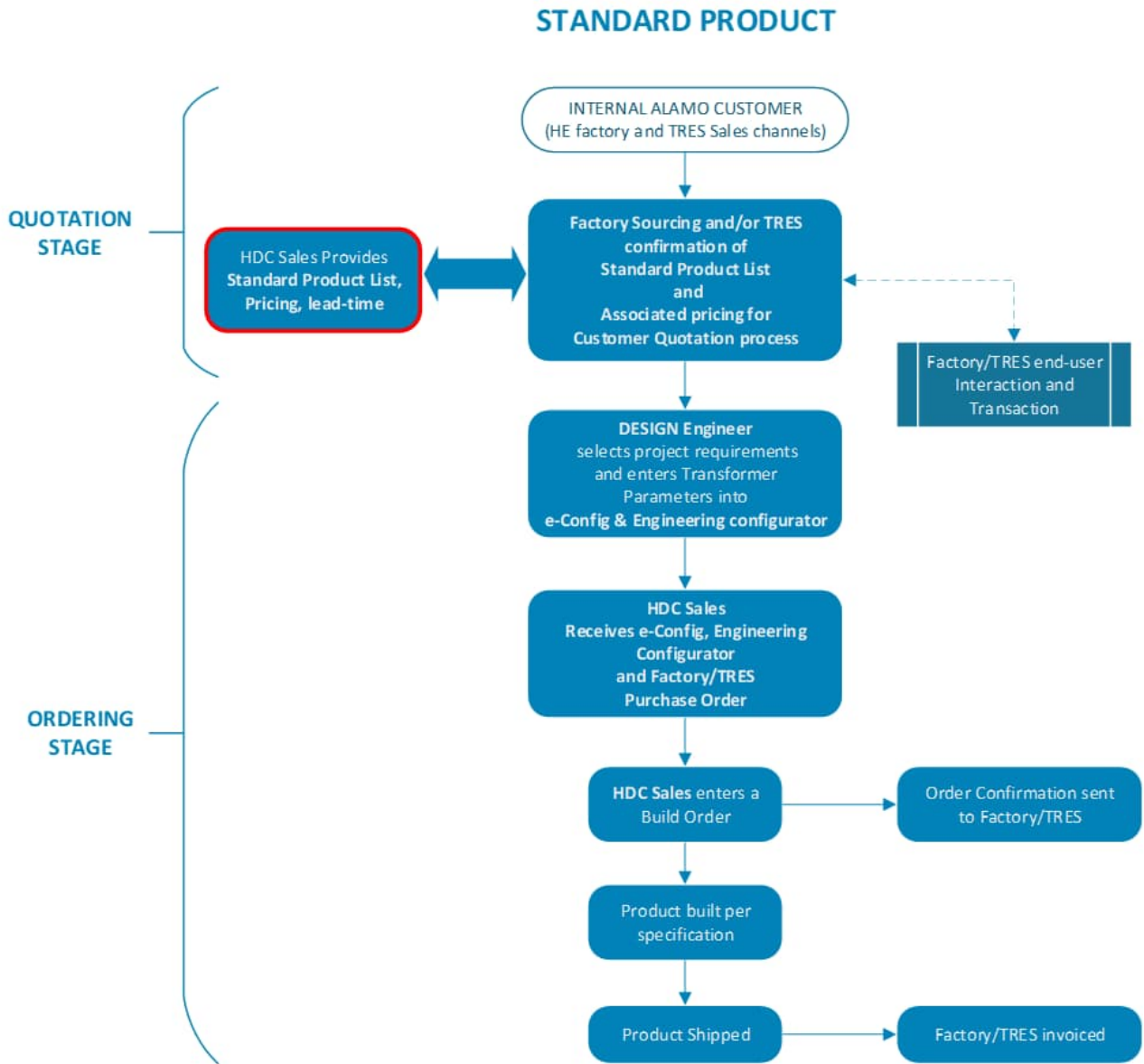
- Enable the Trust center settings in Excel which is mentioned in 5.
- Always do selection in Top-down approach. Everything was rules defined, so all the successive options depend on previous selection.
- For New orders, Always User has to download the latest Excel tools from xECM. To comply with the latest version of tools

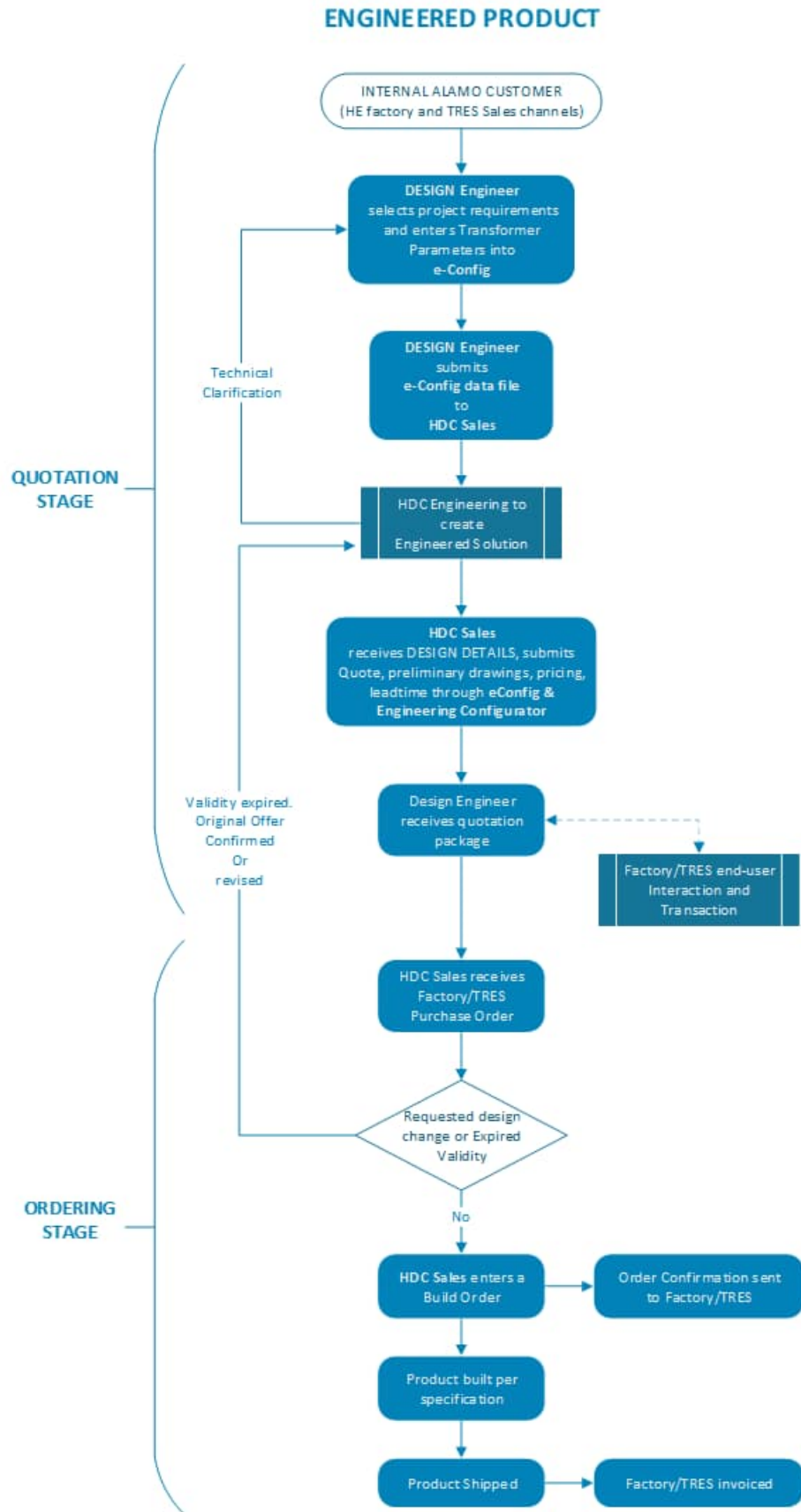
2 Definitions

User	Anyone using Order sheet, e-Config & Engineering Configurator
Admin	Configurator maintenance team members
User Role for e-Config	A user role defines permissions for users. In e-Config Global there are some predefined roles with a predefined set of permissions. These roles are: User, FES (Front-end Sales), FSS (Factory Sales Support), Engineering, Administrators
Internal Customer	HE Transformer factory & TRES factory customer
External Customer	Distributor, EPM, End user (Other than HE customers)
Order Sheet	Excel sheet which collects high level customer requirements from External Customers
Sales Configurator	Filled by Internal Customers to create list price based on their requirements and they will share the same to Alamo sales team using e-Config for Quotation validation
Engineering Configurator	Excel tool which will be filled by Transformer Engineering team which collects the required Transformer parameter details, and they will share the same excel to Alamo Engineering team

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3 Process Map





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4 Configurator tool Location Path

- **Order Sheet** document ID – 1ZBG000808 (Download from HE Library)
- **e-Config** – <https://econfigglobal.stage.spine.hitachienergy.com/Default.aspx> (Web Application)
- **Engineering Configurator** document ID – 1ZBG000809 (Download from HE Library)

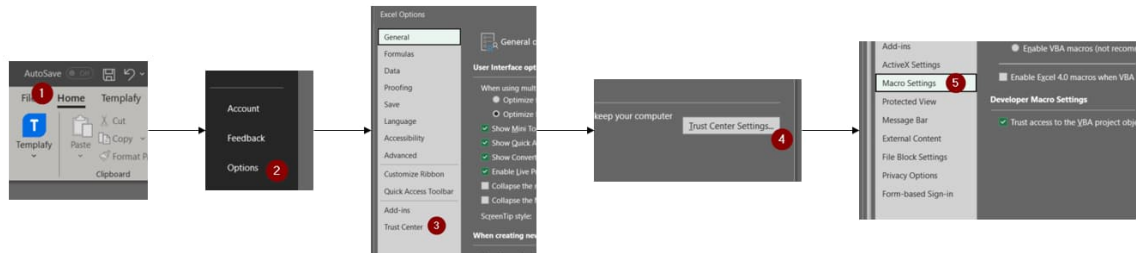
5 Prerequisites before opening Excel tools

Please follow the below given steps before opening the Order Sheet & Engineering Configurator tools

- Open New excel.
- Navigate into the below given path.

[File >> Options >> Trust Center >> Trust Center Settings >> Macro Settings](#)

- Select the check box “Trust access to the VBA project object model”.



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6 Manual for Order sheet (Excel tool) - Only for External Customers

6.1 Order sheet home page

Below you can see the home page of TXpert Order sheet when you open the Order sheet.

1ZBG000808_en TXpert System (CoreTec5) Order Sheet V1.0.xlsm - Excel

TXpert Hub, CoreTec™ 5
Order Sheet

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Order ID:

Date:

Customer Details

- Customer Name:
- Type of Customer:
- Ordering Region:
- Ordering Country:
- Exp. Delivery Date: MM/DD/YYYY
- Sales Force Reference :
Number

Transformer Details

- Type of Transformer:
- New or Retrofit?:

Order Status Details

- Order Requested by:
- Order Status:
- Order Approved by:
- Order Approved on: MM/DD/YYYY

Transformer Parameter details to be filled

DELETE ORDER **CLEAR ORDER** **SAVE / UPDATE ORDER**

LOG DETAILS For tool related queries contact this mail ID - parthiban.p@hitachienergy.com

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Order Details +

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6.1.1 Order ID & Date

Transformer sales team should fill the Order ID and Date in respective fields. Date must be in MM/DD/YYYY format.

Order ID:

Date:

6.1.2 Customer Details

Transformer sales team should fill the Customer related details in the below shown fields.

Customer Details

- Customer Name:
- Type of Customer:
- Ordering Region:
- Ordering Country:
- Exp. Delivery Date: MM/DD/YYYY
- Sales Force Reference :
Number

6.1.3 Transformer Details

Transformer sales team should fill the Transformer related details in the below shown fields.

Transformer Details

- Type of Transformer:
- New or Retrofit?:
- Transformer Oil type:

6.1.4 Order Status details

Transformer sales team should fill the Order status details in the below shown fields.

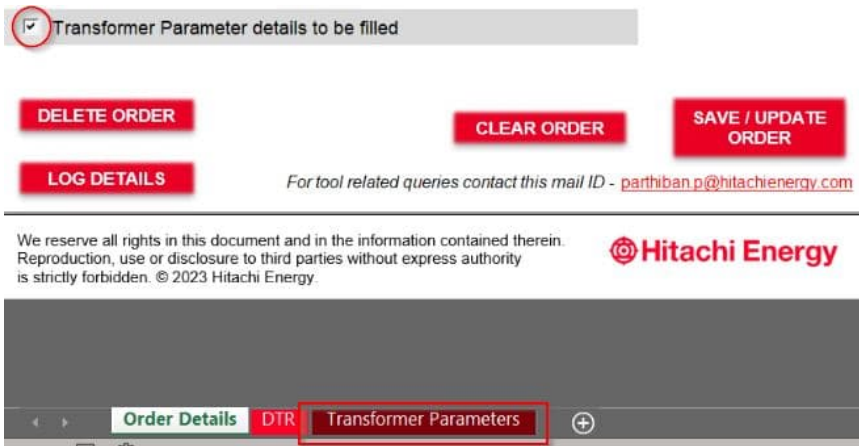
Order Status Details

- Order Requested by:
- Order Status:
- Order Approved by:
- Order Approved on: MM/DD/YYYY

6.1.5 Transformer Parameter details to be filled

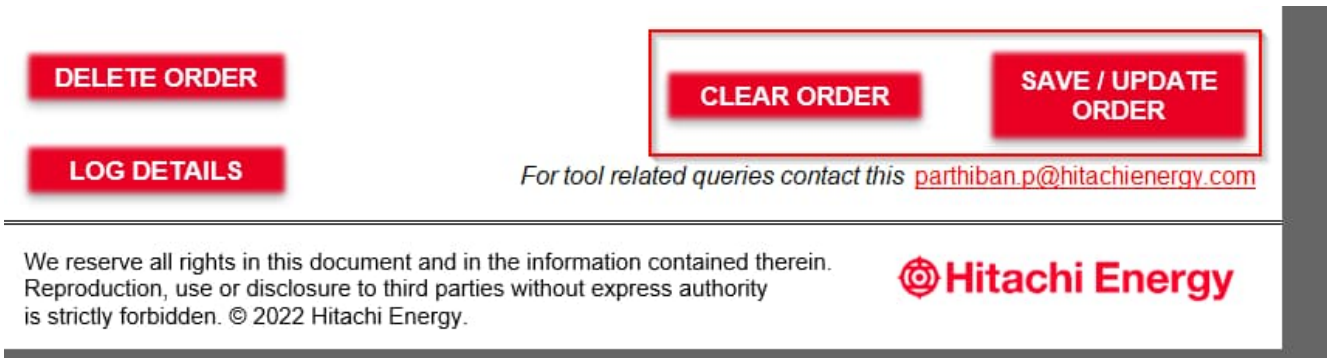
If Customer could provide the Transformer parameters, they can do check this box and Transformer Parameter sheet will be visible. Then customer can provide their Transformer Parameters details in the respective sheet.

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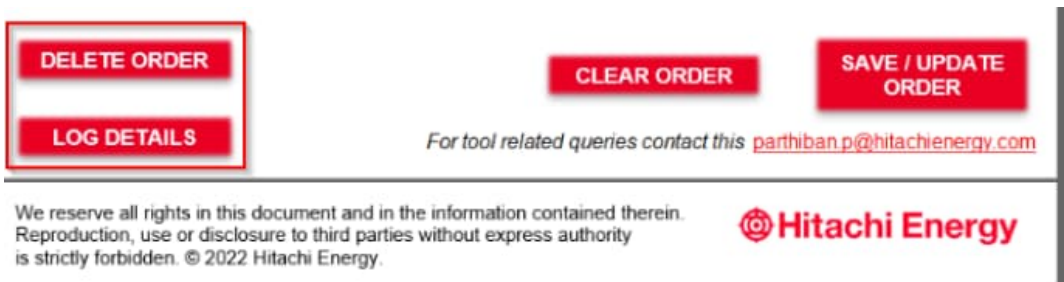
6.1.6 Save/Update & Clear Order option

- User can clear all the fields by selecting Clear Order button
- User can Save or Update the Order by selecting Save/Update button to retrieve all details in future



6.1.7 Delete & Log details option

The below highlighted Delete & Log details options will be only used by Admin. To manage tracking of information.



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6.2 Order sheet DTR page

Customer should select the variant based on their requirement in Order sheet by check-in their required variant.

TXpert Hub for Distribution Oil type Transformer Monitoring
Package Selection

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Features		Number of Variants		
		Variant - 1	Variant - 2	Variant - 3
Data Aggregator	CoreTec™ 5	LTE / WIFI	LTE / WIFI	LTE / WIFI
Thermal	Top Oil Temperature	PT100 Thermowell or Magnetic Mount RTD	PT100 Thermowell	Magnetic Mounted PT100
	Ambient Temperature	✓	✓	✓
	Load (CT) Temperature	Single Phase	Three Phase	Three Phase
Electrical	Power Quality Monitoring	✗	✓	✓
	Self Powered through Transformer LV	✗	✓	✓
Chemical	Hydrogen Scan (H ₂)	✗	✓	✓
	Moisture Scan	✗	✓	✗
	Oil Level Indicator	✗	✓	✗
	Oil Pressure Device	✗	✓	✗
Cabinet	Cabinet type & Size	Wall Mount 20"H x 16"W x 8"D	Wall Mount 24"H x 24"W x 10"D	Wall Mount 24"H x 24"W x 10"D
Package	Package type	Basic	Basic+	Basic+
Application	Applicable for New or Retrofit Transformer?	Both (New & Retrofit)	New	Retrofit
Part Number	Part number for variant	1ZBG000398-AAQ	1ZBG000398-AAK	1ZBG000398-AAU
Selection*	Select required variant	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* Select any one variant

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6.3 Order sheet Dry page

Customer should select the variant based on their requirement in Order sheet by check-in their required variant.

TXpert Hub for Dry type Transformer Monitoring
Package Selection

HITACHI
Inspire the Next

Features		Number of Variants	
		Variant - 1	Variant - 2
Data Aggregator	CoreTec™ 5	LTE / WIFI	LTE / WIFI
Thermal	Winding Temperature	Three Phase	Three Phase
	Ambient Temperature	✓	✓
	Load (CT) Temperature	Single Phase	Three Phase
Electrical	Power Quality Monitoring	✗	✓
	Cooling Fan Control	10A Contact	Fan Control Module
	Self Powered through Transformer LV	✗	✓
Cabinet	Cabinet type & Size	Wall Mount 20"H x 16"W x 8"D	Wall Mount 24"H x 24"W x 10"D
Package	Package type	Basic	Basic+
Application	Applicable for New or Retrofit Transformer?	Both (New & Retrofit)	Both (New & Retrofit)
Part Number	Part number for variant	1ZBG000398-AAR	1ZBG000398-AAL
Selection*	Select required variant	<input checked="" type="checkbox"/>	<input type="checkbox"/>


* Select any one variant

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6.4 Order sheet PT page (Standard packages)

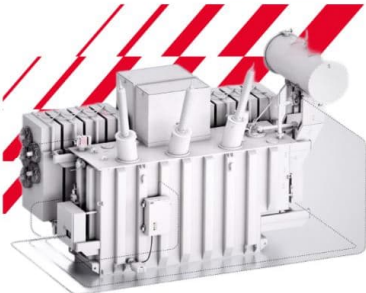
Customer should select the variant based on their requirement in Order sheet by check-in their required variant.

TXpert Hub for Large Power Transformer Monitoring
Package Selection



Features	Number of Variants				
	Variant - 1	Variant - 2	Variant - 3	Variant - 4	Variant - 5
Data Aggregator	CoreTec™ 5				
	LTE / WIFI, Fiber	LTE / WIFI, Fiber	LTE / WIFI, Fiber	LTE / WIFI, Fiber	LTE / WIFI, Fiber
Thermal	Top-Oil Temperature	Magnetic Mounted PT100	Magnetic Mounted PT100	PT100 Thermowell or Magnetic Mount PT100	PT100 Thermowell or Magnetic Mount PT100
	Ambient Temperature	✓	✓	✓	✓
	Load (C/T) Temperature	Single Phase	Single Phase	Single Phase	Single Phase
Electrical	Bushing Monitoring System (BMS)	x	x	Sum of Currents with 3 Bushings	Sum of Currents with 3 Bushings
	Tap-Changer Monitoring System	x	x	x	x
Chemical	Dissolved Gas Analyzer (DGA)	x	CoreSense (HM)	x	CoreSense (HM)
				CoreSense (HM)	CoreSense M10
Cabinet	Cabinet type & Size	Wall Mount 20"H x 16"W x 8"D	Wall Mount 20"H x 16"W x 8"D	24.405"H x 20.472"W x 11.417"D	24.405"H x 20.472"W x 11.417"D
	Touch Screen	x	x	✓	✓
	Package type	Basic	Basic+	Basic+	Basic+
Application	Applicable for New or Retrofit Transformer?				
	Retrofit	Retrofit	Both (New & Retrofit)	Both (New & Retrofit)	Both (New & Retrofit)
Part Number	Part number for variant				
	1ZBG000398-AAX	1ZBG000398-AAY	1ZBG000398-AAS	1ZBG000398-AAT	1ZBG000398-AAM
Selection*	Select required variant				
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

ENGINEERED TO ORDER




* Select any one variant
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6.5 Order sheet PT page (Engineered to Order)

Customer should select the required functionality which will be going to monitor based on the requirements.

TXpert Hub for Large Power Transformer Monitoring
Engineered to Order



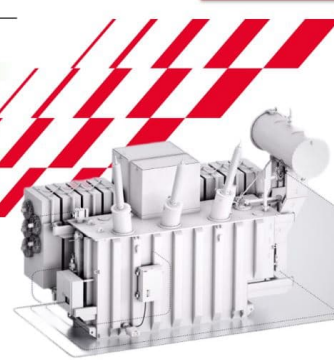
Type of Package required: Engineered to Order

STANDARD PACKAGES

List of features available for this Package:

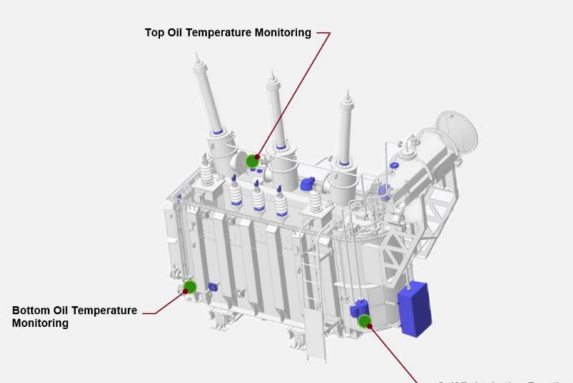
- Top Oil Temperature Monitoring
- Ambient Temperature Monitoring
- Load Monitoring (CT)
- Bottom Oil Temperature Monitoring
- Winding Temperature Monitoring
- Power Quality Monitoring (PQM)
- Cooling Monitoring
- Cooling Control & Feedback
- Dissolved Gas Analyzer (DGA)
- Oil Level Indicator (OLI)
- Pressure Relief Device (PRD)
- Buchholz Relay (BR)
- Self Dehydrating Breather (SDB)
- Bushing Monitoring System (BMS)
- Tap-Changer Monitoring

CLEAR ALL



• Maximum LV Voltage : kV

• Drain Valve Size : in NPT Standard



Top Oil Temperature Monitoring

Bottom Oil Temperature Monitoring

Self Dehydrating Breather

Cabinet Optional

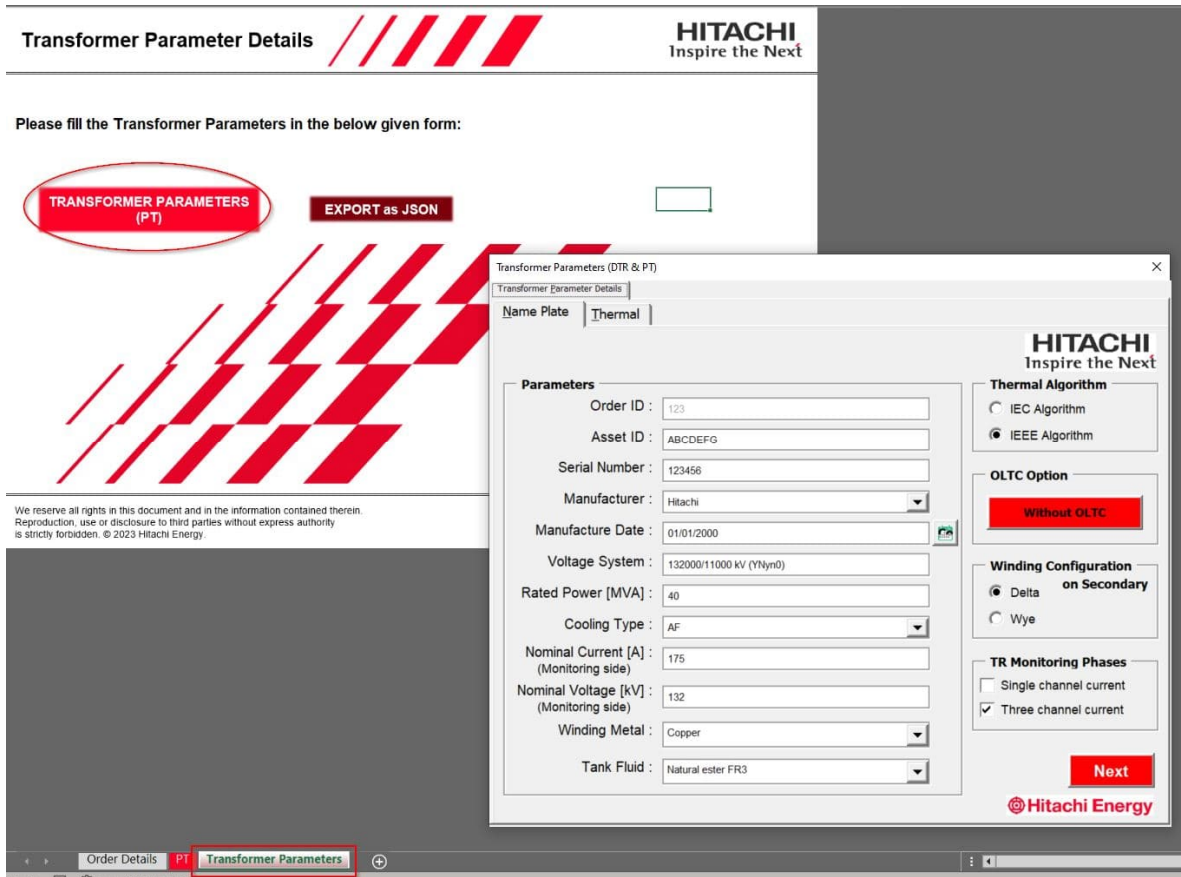
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6.6 Order sheet to collect Transformer parameters (For Software Configuration)

If External Customer could provide the Transformer parameters, they could fill those details in the below shown User form.

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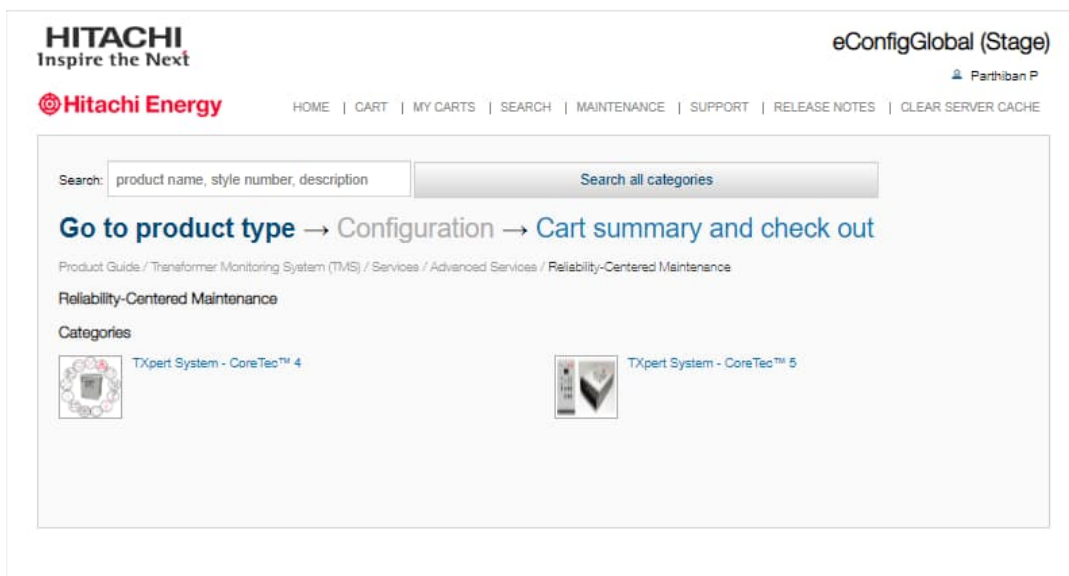
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7 Manual for Sales Configurator (e-Config)

7.1 Sales Configurator home page

Below you can see a screenshot of page displayed when eConfig Global is initiated in standalone mode after navigating into the CoreTec5 Product page.



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Search:

Go to product type → Configuration → Cart summary and check out


Product Guide / Transformer Monitoring System (TMS) / Services / Advanced Services / Reliability-Centered Maintenance / TXpert System - CoreTec™ 5 / North America Region

North America Region


Products



TXpert System, CoreTec™ 5, Distribution type Transformer, (NAM)



TXpert System, CoreTec™ 5, Dry type Transformer, (NAM)




TXpert System, CoreTec™ 5, Power Transformer, (NAM)

7.2 Latest version of Order sheet & Engineering configurator download hyperlink in eConfig home page

To access the latest version of Order sheet & Engineering configurators tools we should use the below highlighted hyperlinks to download the recent version of respective tools from HE Library.

TXpert System, CoreTec™ 5, Distribution type Transformer, (NAM)



The top three locations of faults in transformers are its Windings, Tap-changers and Bushings. The TXpert Ecosystem provides options to mitigate all of these. For example: Failure of bushings can lead to transformer tank rupture and explosions. This can result in millions of dollars in repairs and settlement costs. The cost of replacing a high-voltage bushing is a few percentage points of this. Using TXpert Ecosystem solutions, real-time status of the bushing health is monitored, and corrective action taken before failure probability becomes high.

[TXpert Hub \(CoreTec5\) Order Sheet \(For External\)](#) | [TXpert Hub \(CoreTec5\) Engineering Configurator](#)

Style Number:

List Price: **0.00 USD** Qty:

7.3 Selection fields for DTR, Dry & PT (Standard Packages)

Based on the type of Transformer, the respective fields will be displayed for Standard Packages as shown below. Yellow highlighted fields were mandatory. So, it should be filled before proceeding into next page.

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TXpert System, CoreTec™ 5, Distribution type Transformer, (NAM)

The top three locations of faults in transformers are its Windings, Tap-changers and Bushings. The TXpert Ecosystem provides options to mitigate all of these. For example: Failure of bushings can lead to transformer tank rupture and explosions. This can result in millions of dollars in repairs and settlement costs. The cost of replacing a high-voltage bushing is a few percentage points of this. Using TXpert Ecosystem solutions, real-time status of the bushing health is monitored, and corrective action taken before failure probability becomes high.

Style Number: List Price: **2,970.00 USD** Qty: **1**

Enter style number or select options below:

A) Type of Package Selection (2 / 3)

Type of Customer: HE Transformer Factory

Type of Package: Basic Package

Transformer Oil type: (Select)

B) Destination Country (2 / 2)

Selected Region: North America

Select Country: Canada

C) Thermal Monitoring (2 / 3)

Top Oil Temperature Sensor: Top Oil Sensor, PT100 Thermowell, RTD

Ambient Temperature Sensor: Resistance Temperature Detector, PT100 Ohms, 2.5 Meter Cable, Ambient Sensor

Load (CT) Temperature Sensor: Rogowski Coils, 4-20mA Output, Primary 5A-1200A, Single Phase

G) Data Aggregator (2 / 2)

Data Aggregator type: CoreTec™ 5

With LTE / GPS / WIFI / BT

H) Cabinet / Enclosure Selection (8 / 18)

Cabinet type: Wall Mount type Cabinet

With CA Corrosion Rating

TXpert System, CoreTec™ 5, Dry type Transformer, (NAM)

The top three locations of faults in transformers are its Windings, Tap-changers and Bushings. The TXpert Ecosystem provides options to mitigate all of these. For example: Failure of bushings can lead to transformer tank rupture and explosions. This can result in millions of dollars in repairs and settlement costs. The cost of replacing a high-voltage bushing is a few percentage points of this. Using TXpert Ecosystem solutions, real-time status of the bushing health is monitored, and corrective action taken before failure probability becomes high.

Style Number: List Price: **5,070.00 USD** Qty: **1**

Enter style number or select options below:

A) Type of Package Selection (2 / 2)

Type of Customer: HE Transformer Factory

Type of Package: Basic+ Package

B) Destination Country (2 / 2)

Selected Region: North America

Select Country: Canada

B) Thermal Monitoring (2 / 2)

Winding Temperature Sensor: Resistance Temperature Detector, PT100 Ohms, 5.0 Meter Cable

Ambient Temperature Sensor: Resistance Temperature Detector, PT100 Ohms, 2.5 Meter Cable, Ambient Sensor

Load (CT) Temperature Sensor: Rogowski Coils, 4-20mA Output, Primary 5A-1200A, 3 Quantity

C) Transformer Cabinet Fan Control & Monitoring (2 / 2)

Number of Fan groups to be controlled: 2

Is Transformer Fan need to be monitored? Yes

D) Power Quality Monitoring (PQM) (1 / 1)

PQM Meter type: Advant IR-M-RCT-P1, 3 Phase

E) Self Powered Option (1 / 1)

Self-Power Unit: Power Supply 100-500VAC, 25W, 24V, P/N: NP5W25-24

F) Data Aggregator (2 / 2)

Data Aggregator type: CoreTec™ 5

With LTE / GPS / WIFI / BT

G) Cabinet / Enclosure Selection (8 / 8)

Cabinet type: Wall Mount type Cabinet

With CA Corrosion Rating

TXpert System, CoreTec™ 5, Power Transformer, (NAM)

The top three locations of faults in transformers are its Windings, Tap-changers and Bushings. The TXpert Ecosystem provides options to mitigate all of these. For example: Failure of bushings can lead to transformer tank rupture and explosions. This can result in millions of dollars in repairs and settlement costs. The cost of replacing a high-voltage bushing is a few percentage points of this. Using TXpert Ecosystem solutions, real-time status of the bushing health is monitored, and corrective action taken before failure probability becomes high.

Style Number: List Price: **250.00 USD** Qty: **1**

Enter style number or select options below:

A) Type of Package Selection (2 / 3)

Type of Customer: HE Transformer Factory

Type of Package: Basic+ Package

Transformer Oil type: (Select)

B) Destination Country (2 / 2)

Selected Region: North America

Select Country: Canada

C) Application (0 / 1)

Select Required Functionality for Monitoring:

Dissolved Gas Analyzer (DGA)

Bushing Monitoring

D) Thermal Monitoring (3 / 3)

Top Oil Temperature Sensor: Top Oil Sensor, PT100 Thermowell, RTD

Ambient Temperature Sensor: Resistance Temperature Detector, PT100 Ohms, 2.5 Meter Cable, Ambient Sensor

Load (CT) Temperature Sensor: AC Current Transducer, Input range 10, 20, 50A, Output 4-20mA, 24VDC Loop-Powered, Split core, Top terminals, Single Phase

L) Data Aggregator and Connectivity (3 / 4)

Data Aggregator type: CoreTec™ 5

With LTE / GPS / WIFI / BT

With Fiber Optic

Is Touch Screen available for this Package?

M) Cabinet / Enclosure Selection (5 / 24)

Cabinet type: Wall Mount type Cabinet

Cabinet Size:

7.4 Selection fields for PT (Engineered to Order Packages)

If user selects Engineered to Order package in PT type transformer, it will look as below shown image. So, based on the functionality requirements User can select the check box and need to answer the succeeding questions to complete the Engineered to Order selection.

TXpert System, CoreTec™ 5, Power Transformer, (NAM)

Style Number:

🔍

List Price: 0.00 USD

Qty:

Proceed

Enter style number or select options below:

▼ A) Type of Package Selection (2 / 4)

Type of Customer

HE Transformer Factory

▼

Type of Package

Engineered

▼

Transformer Oil type

(Select)

▼

DFMEA Option

Do you want to perform DFMEA on Design?

▼ B) Destination Country (2 / 2)

Selected Region

North America

Select Country

Canada

▼

▼ C) Application (0 / 1)

Select Required Functionality for Monitoring

Thermal Monitoring
 Power Quality Monitoring (PQM)
 Cooling Monitoring
 Cooling Control & Feedback
 Dissolved Gas Analyzer (DGA)
 Oil Level Indicator (OLI), Pressure Relief Device (PRD), Buchholz Relay (BR)
 Self Dehydrating Breather (SDB)
 Tap-Changer Monitoring
 Bushing Monitoring

Show maintenance options

Reset

Save In-Draft

Proceed

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Draft	Internal		A	en	15/30


7.5 Pricing & Bill of Materials

Once User fills all the required fields in the first page and user needs to select proceed to view the Part number breakdown and Pricing breakdown.

Name	Value	Qty	List Price (USD)	Material (USD)	Mfg (h)	Eng (h)	Dft (h)
A) Type of Package Selection							
Type of Customer	HE Transformer Factory		0.00	0.00	0.00	0.00	0.00
Type of Package	Basic+ Package		0.00	0.00	0.00	0.00	0.00
Transformer Oil type	Mineral Oil		0.00	0.00	0.00	0.00	0.00
B) Destination Country							
Selected Region	North America		0.00	0.00	0.00	0.00	0.00
Select Country	Canada		0.00	0.00	0.00	0.00	0.00
C) Application							
Select Required Functionality for Monitoring	Dissolved Gas Analyzer (DGA)		0.00	0.00	0.00	0.00	0.00
D) Thermal Monitoring							
Top Oil Temperature Sensor	Top Oil Sensor, PT100 Thermowell, RTD		0.00	0.00	0.00	0.00	0.00
Ambient Temperature Sensor	Resistance Temperature Detector, PT100 Ohms, 2.5 Meter Cable, Ambient Sensor		0.00	0.00	0.00	0.00	0.00
Load (CT) Temperature Sensor	AC Current Transducer, Input range 10, 20, 50A, Output 4-20mA, 24VDC Loop-Powered, Split core, Top terminals, Single Phase		0.00	0.00	0.00	0.00	0.00
G) Dissolved Gas Analyzer (DGA)							
DGA Options for Transformer	CoreSense HM		0.00	0.00	0.00	0.00	0.00
L) Data Aggregator and Connectivity							
Data Aggregator type	CoreTec™ 5		0.00	0.00	0.00	0.00	0.00
	With LTE / GPS / WIFI / BT		0.00	0.00	0.00	0.00	0.00
	With Fiber Optic		0.00	0.00	0.00	0.00	0.00
M) Cabinet / Enclosure Selection							
Cabinet type	Wall Mount type Cabinet		0.00	0.00	0.00	0.00	0.00
Cabinet Size	20inch H x 18inch W x 8inch D		0.00	0.00	0.00	0.00	0.00
Cabinet Package Part Number	1ZBG000398-AAY	1	2,800.00	1,500.00	0.00	0.00	0.00
Top Oil Sensor Part Number	1ZBG000571	1	50.00	10.00	0.00	0.00	0.00
Load Sensor Part Number	1ZBG000076	1	50.00	10.00	0.00	0.00	0.00
CoreSense ST for Mineral Oil 25ppm PG Part Number	1ZBG000092	1	4,800.00	4,172.00	0.00	0.00	0.00
Installation Cost	Installation Cost	1	150.00	50.00	0.00	0.00	0.00
			Total:	7,850.00 USD	5,742.00 USD	0.00	0.00
Bill of Materials							
Part Number	Description	Qty	Material (USD)	Mfg (h)			
1ZBG000398-AAY	TXpert System Cabinet Assembly	1	0.00	0			
1ZBG000571	Top Oil Sensor, PT100 Thermowell, RTD	1	0.00	0			
1ZBG000076	AC Current Transducer, Output 4-20mA	1	0.00	0			
1ZBG000092	CoreSense HM, Mineral Oil, 25ppm	1	0.00	0			
			Total:	0.00 USD	0.00		

7.5.1 Pricing Margin, Lead time etc., update

Pricing margin, Lead time etc., can be updated by the Alamo Salesperson in the below given fields.

As Quoted	Product	List Price	Multiplier	Sales Price	Qty	Total Price	Lead Time	Options
	Item: (NEW) * TXpert System, CoreTec™ 5, Power Transformer, (NAM)	7,850.00 USD	1.000	7,850.00 USD	1	7,850.00 USD	40 days	Details Copy Delete Tender Report

Pricing Summary		Cost & Margin Summary		Details
Price Source:	Configurator	Manufacturing:	5,742.00 USD	
List Price:	7,850.00 USD	Freight:	0.00 USD	
Sales Price:	7,850.00 USD edit	Gross Cost:	5,742.00 USD	
Price Multiplier:	1.000	Gross Margin:	2,108.00 USD	26.85% edit
Quantity:	1 edit	SG&A Cost:	0.00 USD	
Total Sales Price:	7,850.00 USD	Net Margin:	2,108.00 USD	26.85% edit
Lead Time:	40 days edit	General Details		
Drawings Lead Time:	1 days edit	Modified By:	parthiban.p@hitachienergy.com	
Customer Reference:	edit	Modified Date:	Mar 10, 2023 2:19:41 PM	
Alternative Item:	<input type="checkbox"/>			
Market Business				
Market Business 1:				
Market Business 2:				
Item Notes (printable)	edit			
Item Notes (internal)	edit			

7.5.2 Bill of Materials (High level)

High level BOM can be generated based on Selection logic in e-Config and Salesperson extract these data from e-Config.,

Bill of Materials				
Part Number	Description	Qty	Material (USD)	Mfg (h)
1ZBG000398-AAAY	TXpert System Cabinet Assembly	1	0.00	0
1ZBG000571	Top Oil Sensor, PT100 Thermowell, RTD	1	0.00	0
1ZBG000076	AC Current Transducer, Output 4-20mA	1	0.00	0
1ZBG000092	CoreSense HM, Mineral Oil, 25ppm	1	0.00	0
Total:			0.00 USD	0.00

7.5.3 Send Cart to respective people

Once user configure the Product and generated Price in e-Config, they could send the Quotation to respective user by filling the appropriate user mail ID in the below highlighted mail field and they can select "Save and Send cart to me"

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button.

Contact Information

Name

Customer Name

Phone

Email * Required

Project Notes

7.6 Quotation Mail (Generic Template)

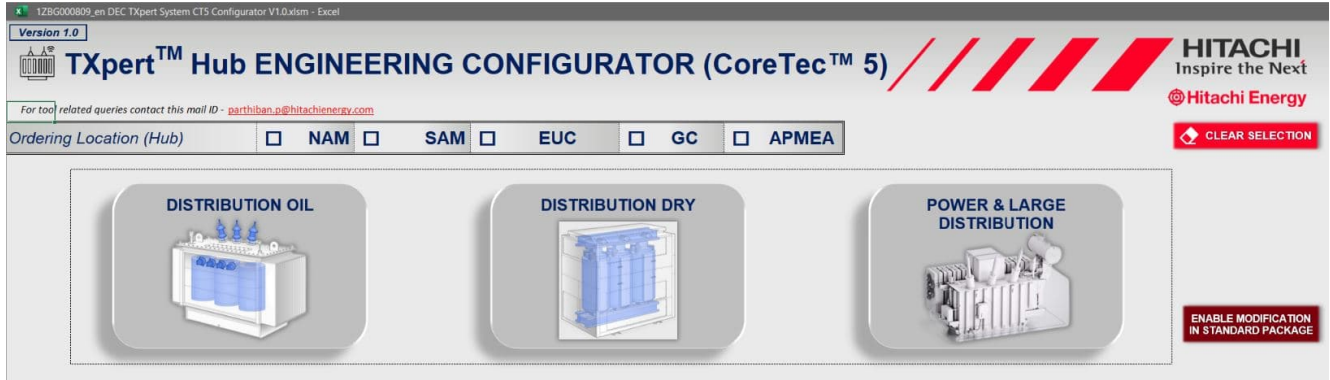
After selecting Save and Send cart to me button, the respective user will receive the Quotation template (Generic template) to their mail as shown below.

Friday, March 10, 2023	Quotation Reference	HITACHI
We appreciate your interest in Hitachi Energy products. The following detailed information has been generated for your engineering applications and budgetary needs. Your local Hitachi Energy Sales Representative will be in contact to provide more ordering information and a formal quotation if requested.		
Requester Information		
Company		
Requestor Name	Parthiban P	
Requestor Phone:		
Requestor Email	parthiban.p@hitachienergy.com	
Comments		
Received	3/10/2023 3:18:08 AM	
Product Details		
Item#	Product	Style Number
10	TXpert System, CoreTec™ 5, Power Transformer, (NAM)	
		Unit Price
		7,850.00 USD
		Quantity
		1
		Lead time
		40 days
		Total
		7,850.00 USD
Total Price		
		7,850.00 USD
Technical Details		
10 - TXpert System, CoreTec™ 5, Power Transformer, (NAM)		
A) Type of Package Selection		
Type of Customer	HE Transformer Factory	
Type of Package	Basic Package	
Transformer Oil type	Mineral Oil	
B) Destination Country		
Selected Region	North America	
Select Country	Canada	
C) Application		
Select Required Functionality for Monitoring	Dissolved Gas Analyzer (DGA)	
D) Thermal Monitoring		

STATUS	SECURITY LEVEL	DOCUMENT ID	REV.	LANG.	PAGE
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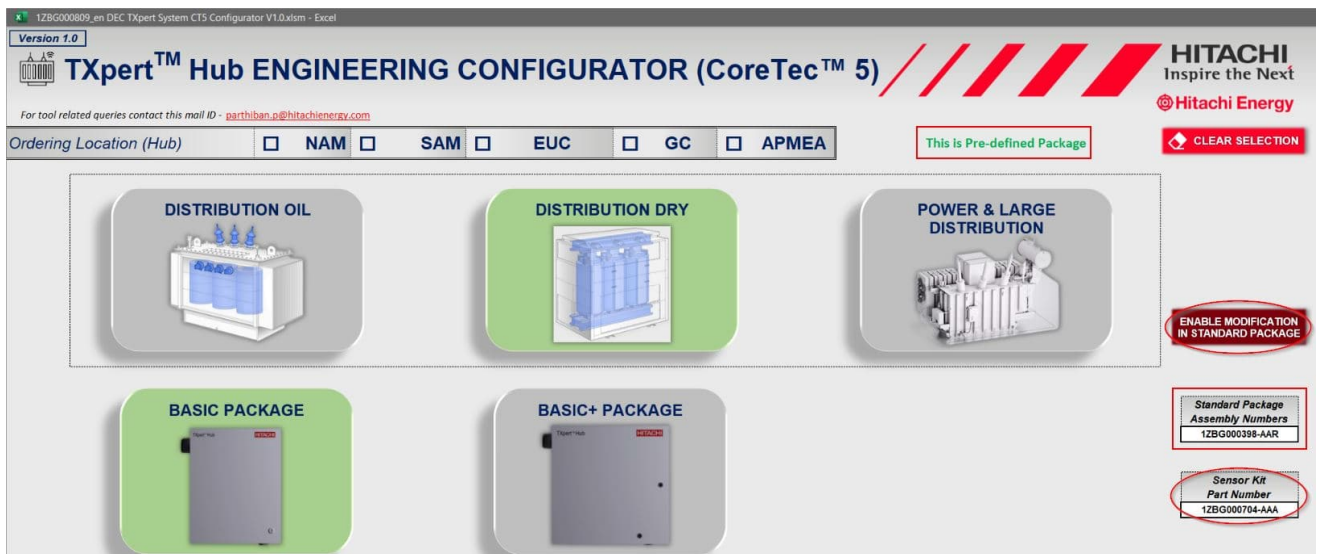
8 Manual for Engineering Configurator (Excel tool)

8.1 Engineering Configurator home page



8.2 Selecting Standard Packages by Assembly number for DTR, Dry & PT

- User can narrow down their required selections by clicking the appropriate button. Once user click any buttons, it will change its color to green to show like the option has been selected.
- User can prepopulate the standard package details in Engineering configurator by selecting the Assembly number which they received from e-Config summary page (Cabinet Package number).



Once User selects the assembly number, it preselects all the required fields based on the Design information available in that assembly. And it displays a message in green font saying, "This is Pre-defined Package". It also preselects the Sensor kit part number which should be applicable for the selected standard package. If we wanted to modify anything in Standard package options, User should select "Enable Modification in Standard Package" button. Once it gets selected, display message will get updated into "This is not Pre-defined Package".

Note: In Standard Package, User could not be able to do any modification in selected fields.

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BASIC PACKAGE

BASIC+ PACKAGE

Standard Package
Assembly Numbers
1ZBG000388-AAR

Thermal Monitoring System

❖ Winding Temperature (Dry) :- *

Number of Phases	Type of Winding Sensor	Type of Signal	Signal	Signal Port	CoreTec™ 5
3	RTD Coil Temperature Sensor Cable Assemblies, 5.0 Meter	RTD signal	Thermal	See IO Port Connections	
				See IO Port Connections	

❖ Ambient Temperature :- *

Type of Sensor	Type of Signal	Signal	Transducer	Signal Port	CoreTec™ 5
RTD Coil Temperature Sensor Cable Assemblies, 2.5 Meter	RTD signal	Thermal	Not Required	See IO Port Connections	

❖ Load (CT) Monitoring :- (Basic) *

Number of Phases	Type of Load Sensors	Type of Signal	Signal	Signal Port	CoreTec™ 5
1	Rogowski Coil, RCT24-1000-5m <small>Single Channel Integrator (RKI)</small>	4-20mA signal	Analog	See IO Port Connections	

❖ Enclosure or Cabinet :- *

Cabinet Type	H0 Small (Wall mount)	<input type="checkbox"/> Heater Required	<input checked="" type="checkbox"/> cULus Certifications	<input type="checkbox"/> CX Corrosion Rating
Cabinet Part Number	1ZBG000573		<input type="checkbox"/> CE Certifications	Cab' Color: RAL7038

❖ Data Aggregator :- *

<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th colspan="2">Connectivity Options</th></tr> <tr><td><input checked="" type="checkbox"/> With LTE/GPS/WIFI/BT</td></tr> <tr><td><input type="checkbox"/> With Fiber Optic</td></tr> <tr><td><input type="checkbox"/> 100-500VAC Power Supply ("Self-power")</td></tr> <tr><td><input type="checkbox"/> SD Card (Expansion Memory)</td></tr> </table>	Connectivity Options		<input checked="" type="checkbox"/> With LTE/GPS/WIFI/BT	<input type="checkbox"/> With Fiber Optic	<input type="checkbox"/> 100-500VAC Power Supply ("Self-power")	<input type="checkbox"/> SD Card (Expansion Memory)	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th>Data Aggregator type</th></tr> <tr><td style="text-align: center;">CoreTec™ 5</td></tr> </table>	Data Aggregator type	CoreTec™ 5	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th colspan="2">Connectivity & Configuration options</th></tr> <tr><td><input type="checkbox"/> CoreTec 5 must connect to any third party device</td></tr> <tr><td><input type="checkbox"/> Engineered CoreTec 5 configuration</td></tr> </table>	Connectivity & Configuration options		<input type="checkbox"/> CoreTec 5 must connect to any third party device	<input type="checkbox"/> Engineered CoreTec 5 configuration	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <tr><th colspan="2">Selected Input Signals</th><th colspan="2">Selected Output Signals</th></tr> <tr><td>RTD signals</td><td style="text-align: center;">0</td><td>RTD signals</td><td style="text-align: center;">0</td></tr> <tr><td>4-20mA signals</td><td style="text-align: center;">0</td><td>4-20mA signals</td><td style="text-align: center;">0</td></tr> <tr><td>RS485/Modbus RTU signal</td><td style="text-align: center;">0</td><td>RS485/Modbus RTU signals</td><td style="text-align: center;">0</td></tr> <tr><td>Ethernet/Modbus IP signal</td><td style="text-align: center;">0</td><td>Ethernet/Modbus IP signals</td><td style="text-align: center;">0</td></tr> <tr><td>Substation SCADA system</td><td style="text-align: center;">0</td><td>Substation SCADA system</td><td style="text-align: center;">0</td></tr> <tr><td>Digital signals</td><td style="text-align: center;">0</td><td>Digital signals</td><td style="text-align: center;">0</td></tr> </table>	Selected Input Signals		Selected Output Signals		RTD signals	0	RTD signals	0	4-20mA signals	0	4-20mA signals	0	RS485/Modbus RTU signal	0	RS485/Modbus RTU signals	0	Ethernet/Modbus IP signal	0	Ethernet/Modbus IP signals	0	Substation SCADA system	0	Substation SCADA system	0	Digital signals	0	Digital signals	0
Connectivity Options																																											
<input checked="" type="checkbox"/> With LTE/GPS/WIFI/BT																																											
<input type="checkbox"/> With Fiber Optic																																											
<input type="checkbox"/> 100-500VAC Power Supply ("Self-power")																																											
<input type="checkbox"/> SD Card (Expansion Memory)																																											
Data Aggregator type																																											
CoreTec™ 5																																											
Connectivity & Configuration options																																											
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Selected Input Signals		Selected Output Signals																																									
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Ethernet/Modbus IP signal	0	Ethernet/Modbus IP signals	0																																								
Substation SCADA system	0	Substation SCADA system	0																																								
Digital signals	0	Digital signals	0																																								

Antenna, 5-in-1 0.3 Meter Cables

(1) UPDATE SIGNAL DETAILS	(a) Transformer Parameters (For Software Configuration)	(b) I/O PORT CONNECTIONS (For Designers only)	(c) Electrical & Mechanical Drawings (For Designers only)
----------------------------------	--	--	--

S.No	Functionality	Input Signal to CT5	Input Signal type	Output Signal from CT5	Output Signal type	Alarm (°C)	Trip (°C)

Total Selected Options	
Analog Inputs	0
Analog Outputs	0
Digital Inputs	0
Digital Outputs	0

Future Expansion Options	
Free RTD Inputs	0
Free Analog Inputs	0
Free Analog Outputs	0
Free Digital Inputs	0
Free Digital Outputs	0

8.3 Selecting Packages based on User defined / Custom for DTR, Dry & PT

- User can also select the packages based on Custom requirements by navigating their selection from Top-down.
- User can select the Type of Sensor and type of signal if exists based on their requirements.

Ordering Location (Hub) NAM SAM EUC GC APMEA This is not Pre-defined Package CLEAR SELECTION

DISTRIBUTION OIL

DISTRIBUTION DRY

POWER & LARGE DISTRIBUTION

ENABLE MODIFICATION IN STANDARD PACKAGE
Standard Package Assembly Numbers

Thermal Monitoring System

Health Indicators (HM, Oil Level, Oil Pressure)

Power Quality (Total Harmonic Distortion)

❖ Top Oil Temperature :- *

Type of Sensor	Type of Signal	Signal	Transducer	Signal Port	CoreTec™ 5
Magnetic Mount Temperature Sensor, RTD 2 Wire - PT100 Sensor, Thermowell 3 Wire - PT100 Sensor, Thermowell 4 Wire - PT100 Sensor, Thermowell PT100 Sensor Magnetically Mounted Smart Oil Temperature Indicator (sOTT) Exacting Top oil signal					

❖ Health Indicators (Hydrogen Sensor, Moisture Sensor, Oil Level, Oil Pressure) :- *

8.4 Updating Signal details

Once user fills and validated all the requirements in Engineering configurator, they have to select the Update Signal buttons. This option will consolidate all the selected signal details and will display in the same page itself (In Data Aggregator tab)

❖ Data Aggregator :- *

Connectivity Options <input checked="" type="checkbox"/> With LTE/GPS/WIFI/BT <input type="checkbox"/> With Fiber Optic <input checked="" type="checkbox"/> 100-500VAC Power Supply ("Self power") <input type="checkbox"/> SD Card (Expansion Memory)	Data Aggregator type CoreTec™ 5	Connectivity & Configuration options <input type="checkbox"/> CoreTec 5 must connect to any third party device <input type="checkbox"/> Engineered CoreTec 5 configuration Antenna, 5-in-1 0.3 Meter Cables	<table style="width: 100%; border-collapse: collapse; font-size: 8px;"> <thead> <tr> <th colspan="2">Selected Input Signals</th> <th colspan="2">Selected Output Signals</th> </tr> </thead> <tbody> <tr> <td>RTD signals</td> <td style="text-align: center;">2</td> <td>RTD signals</td> <td style="text-align: center;">0</td> </tr> <tr> <td>4-20mA signals</td> <td style="text-align: center;">2</td> <td>4-20mA signals</td> <td style="text-align: center;">0</td> </tr> <tr> <td>RS485/Modbus RTU signal</td> <td style="text-align: center;">2</td> <td>RS485/Modbus RTU signals</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Ethernet/Modbus IP signal</td> <td style="text-align: center;">0</td> <td>Ethernet/Modbus IP signals</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Substation SCADA system</td> <td style="text-align: center;">0</td> <td>Substation SCADA system</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Digital signals</td> <td style="text-align: center;">1</td> <td>Digital signals</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Selected Input Signals		Selected Output Signals		RTD signals	2	RTD signals	0	4-20mA signals	2	4-20mA signals	0	RS485/Modbus RTU signal	2	RS485/Modbus RTU signals	0	Ethernet/Modbus IP signal	0	Ethernet/Modbus IP signals	0	Substation SCADA system	0	Substation SCADA system	0	Digital signals	1	Digital signals	0
Selected Input Signals		Selected Output Signals																													
RTD signals	2	RTD signals	0																												
4-20mA signals	2	4-20mA signals	0																												
RS485/Modbus RTU signal	2	RS485/Modbus RTU signals	0																												
Ethernet/Modbus IP signal	0	Ethernet/Modbus IP signals	0																												
Substation SCADA system	0	Substation SCADA system	0																												
Digital signals	1	Digital signals	0																												

(1) UPDATE SIGNAL DETAILS
(a) Transformer Parameters (For Software Configuration)
(b) I/O PORT CONNECTIONS (For Designers only)
(c) Electrical & Mechanical Drawings (For Designers only)

S.No	Functionality	Input Signal to CT5	Input Signal type	Output Signal from CT5	Output Signal type	Alarm (°C)	Trip (°C)
1	Top Oil Temperature	RTD signal	Analog				
2	Ambient Temperature	RTD signal	Analog				
3	Power Quality Monitoring (PQM)	RS485/Modbus RTU signal	Serial				
4	Hydrogen Sensor (H2)	RS485/Modbus RTU signal	Serial				
5	Moisture Sensor	4-20mA signal	Analog				
6	Oil Level Sensor	Digital	Digital				
7	Oil Pressure Sensor	4-20mA signal	Analog				

Total Selected Options	
Free RTD Inputs	4
Free Analog Outputs	0
Free Digital Inputs	1
Free Digital Outputs	0

8.5 Transformer Parameter (For Software Configuration)

- Finally, Transformer Engineering team need to provide the Transformer Parameters fields which will be used for Software configuration purpose.
- Once user select the Transformer Parameters button, it will navigate into the Transformer Parameter sheet to get the Transformer Parameters details from User.

Data Aggregator :- *

Connectivity Options

With LTE/GPS/WIFI/BT

With Fiber Optic

100-500VAC Power Supply ("Self.power")

SD Card (Expansion Memory)

Data Aggregator type

CoreTec™ 5

Connectivity & Configuration options

CoreTec 5 must connect to any third party device

Engineered CoreTec 5 configuration

Selected Input Signals

RTD signals	2
4-20mA signals	2
RS485/Modbus RTU signal	2
Ethernet/Modbus IP signal	0
Substation SCADA system	0
Digital signals	1

Selected Output Signals

RTD signals	0
4-20mA signals	0
RS485/Modbus RTU signals	0
Ethernet/Modbus IP signals	0
Substation SCADA system	0
Digital signals	0

(1) UPDATE SIGNAL DETAILS **(a) Transformer Parameters (For Software Configuration)** **(b) I/O PORT CONNECTIONS (For Designers only)** **(c) Electrical & Mechanical Drawings (For Designers only)**

S.No	Functionality	Input Signal to CT5	Input Signal type	Output Signal from CT5	Output Signal type	Alarm (°C)	Trip (°C)
1	Top Oil Temperature	RTD signal	Analog				
2	Ambient Temperature	RTD signal	Analog				
3	Power Quality Monitoring (PQM)	RS485/Modbus RTU signal	Serial				
4	Hydrogen Sensor (H2)	RS485/Modbus RTU signal	Serial				
5	Moisture Sensor	4-20mA signal	Analog				
6	Oil Level Sensor	Digital	Digital				
7	Oil Pressure Sensor	4-20mA signal	Analog				

Total Selected Options

Analog Inputs	4
Analog Outputs	0
Digital Inputs	1
Digital Outputs	0

Future Expansion Options

Free RTD Inputs	0
Free Analog Inputs	0
Free Analog Outputs	0
Free Digital Inputs	0
Free Digital Outputs	0

128G000809_en DEC TXpert System CT5 Configurator V1.0.xls.m - Excel

Transformer Parameter Details **HITACHI**
Inspire the Next

Please fill the Transformer Parameters in the below given form:

TRANSFORMER PARAMETERS (DRY)

IMPORT CDSe XML

EXPORT as JSON

HIDE THIS SHEET

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DEC Transformer Parameters

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8.5.1 DTR & PT Transformer Parameters

Both DTR & PT will require the same details to be filled by Transformer Engineering team. Please refer below screen shots for Transformer details.,

Transformer Parameters (DTR & PT)

Transformer Parameter Details

Name Plate | Thermal

HITACHI
Inspire the Next

Parameters

Order ID : 123

Asset ID : ABCDEFG

Serial Number : 123456

Manufacturer : Hitachi

Manufacture Date : 01/01/2000

Voltage System [kV] : 132000/11000 kV (YNyn0)

Rated Power [MVA] : 40

Cooling Type : AF

Nominal Current [A] : 175
(Monitoring side)

Nominal Voltage [kV] : 132
(Monitoring side)

Winding Metal : Copper

Tank Fluid : Natural ester FR3

Thermal Algorithm

IEC Algorithm

IEEE Algorithm

OLTC Option

Without OLTC

Winding Configuration on Secondary

Delta

Wye

TR Monitoring Phases

Single channel current

Three channel current

Next

Hitachi Energy

Transformer Parameters (DTR & PT)

Transformer Parameter Details

Name Plate | Thermal

IEEE - Windings | IEEE - TR Parameters

HITACHI
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Cooling type : OFAF

	HV	LV	TV
Tested average winding rise [°C] : (guaranteed average winding rise)	55.6	52	0
Per unit winding high to hotspot : (rated hotspot height)	1	1	1
Winding I2R Losses [W] :	63600	86400	10980
Winding Eddy Losses [W] :	2000	1000	0
Rated stray Losses [W] :	25600	14200	0
Per unit Eddy loss at winding hotspot : (winding loss ratio at hotspot)	0	0	0
Winding time constant [min] :	5	5	5

Previous


Next

Hitachi Energy

Transformer Parameters (DTR & PT) ✕

Transformer Parameter Details

Name Plate | Thermal | IEEE - Windings | IEEE - TR Parameters




HITACHI
Inspire the Next

Core Losses [W] : <input type="text" value="134800"/>	Loss base power [MVA] : <input type="text" value="28"/>
Core over excitation occurs : <input type="text" value="False"/>	Loss base temperature [°C] : <input type="text" value="75"/>
Core over excitation start hour : <input type="text" value="0"/>	Rated average winding rise [°C] : <input type="text" value="65"/>
Core over excitation end hour : <input type="text" value="0"/>	Rated bottom oil rise [°C] : <input type="text" value="41.7"/>
Core over excitation loss [W] : <input type="text" value="0"/>	Core and winding weight [kg] : <input type="text" value="357287"/>
	Tank weight [kg] : <input type="text" value="68852"/>
	Tank fluid volume [Litre] : <input type="text" value="14029"/>

Unit conversion tool


<input type="text"/>	US gallon	<input type="text"/>	Litre
<input type="text"/>	US pound	<input type="text"/>	kg



Transformer Parameters (DTR & PT) ✕

Transformer Parameter Details

Name Plate | Thermal | **OLTC**



HITACHI
Inspire the Next


Type

VUXXXX or UXXXX or M2XX OR OLTC Model :

Type : Switch (TYPE) :

Connection (TYPE) :

<p>Parameters</p> <p>Manufacturer : <input type="text" value="ABB"/></p> <p>Selector Size : <input type="text" value="C"/></p> <p>Max turns in first position : <input type="text" value="False"/></p> <p>Total number of tap positions : <input type="text" value="27"/></p> <p>Transition Resistance (ohm) : <input type="text" value="9.2"/></p> <p>Number of Transition Branches : <input type="text" value="1"/></p> <p>Max Rated Through-Current [A] : <input type="text" value="600"/></p> <p>Step Voltage [V] : <input type="text" value="1035"/></p>	<p>Information</p> <p>Indentification : <input type="text" value="Tap-Changer #1"/></p> <p>Description : <input type="text" value="Tap Changer description"/></p>
--	--




8.5.2 Dry Transformer Parameters

Similarly, for Dry type transformer, Transformer Engineering team need to provide the below shown details for Software configuration purpose.

Transformer Parameters (Dry) ×

Transformer Parameter Details

Name Plate | Thermal



HITACHI
 Inspire the Next


Parameters

Order ID :

Asset ID :

Serial Number :

Manufacturer :

Manufacture Date : 

Voltage System : kV

Rated Power : MVA

Cooling Type :

Nominal Current (Monitoring side) : A

Nominal Voltage (Monitoring side) : V


Winding Metal :

Transformer Selection

Single Phase Transformer

Tertiary Winding Exists


Next



Transformer Parameters (Dry) ×

Transformer Parameter Details

Name Plate | Thermal



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 Inspire the Next

Winding Details

Max Rated Power Cooling : KVA

Nominal Current Cooling : A

Winding Weight LV : kg

Winding Weight HV : kg

Insulation Weight LV : kg

Insulation Weight HV : kg

Insulator Type LV :

Insulator Type HV :

Winding Configuration LV :

Winding Configuration HV :


Winding Position HV :

Unit conversion tool

US gallon Litre

US pound kg

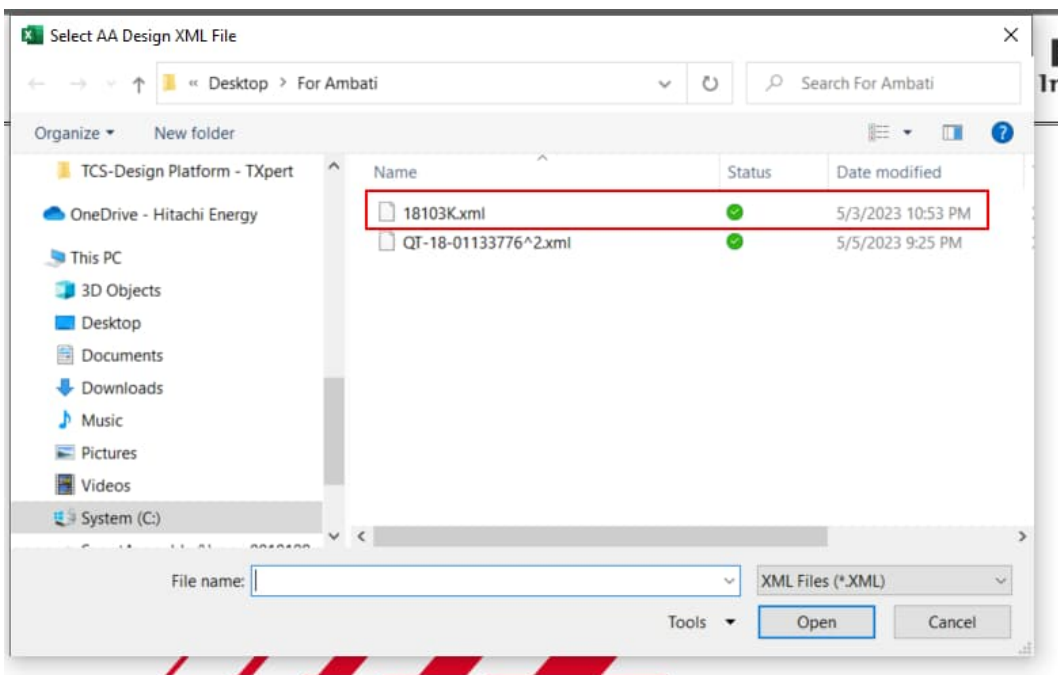
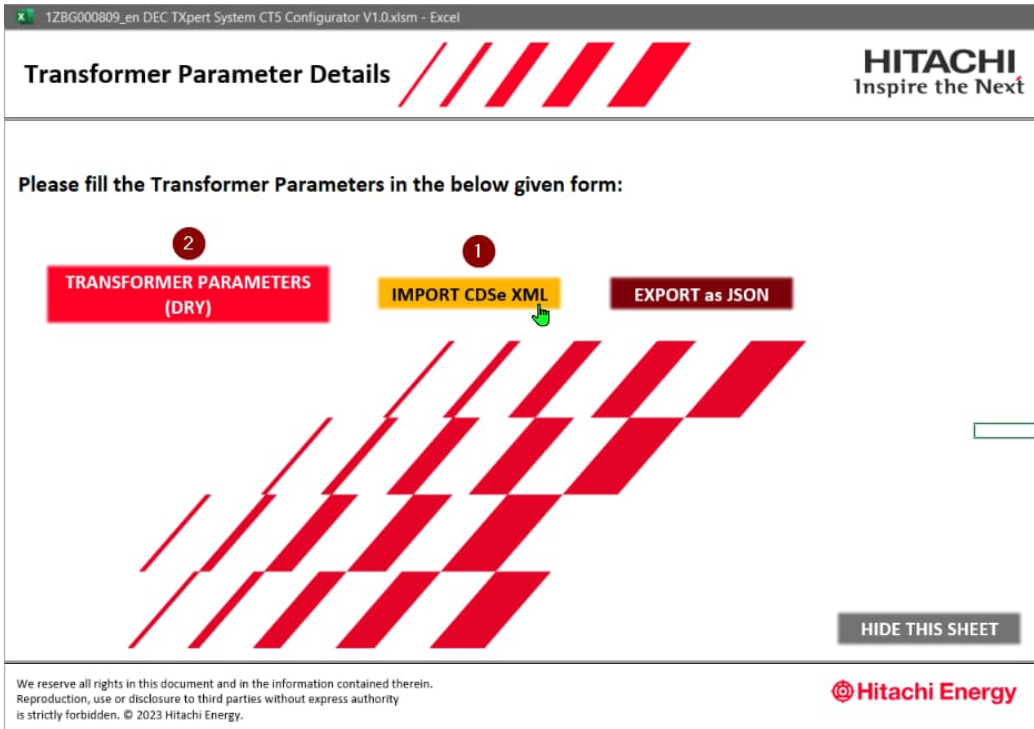
Previous **Clear All** **Save/Update**



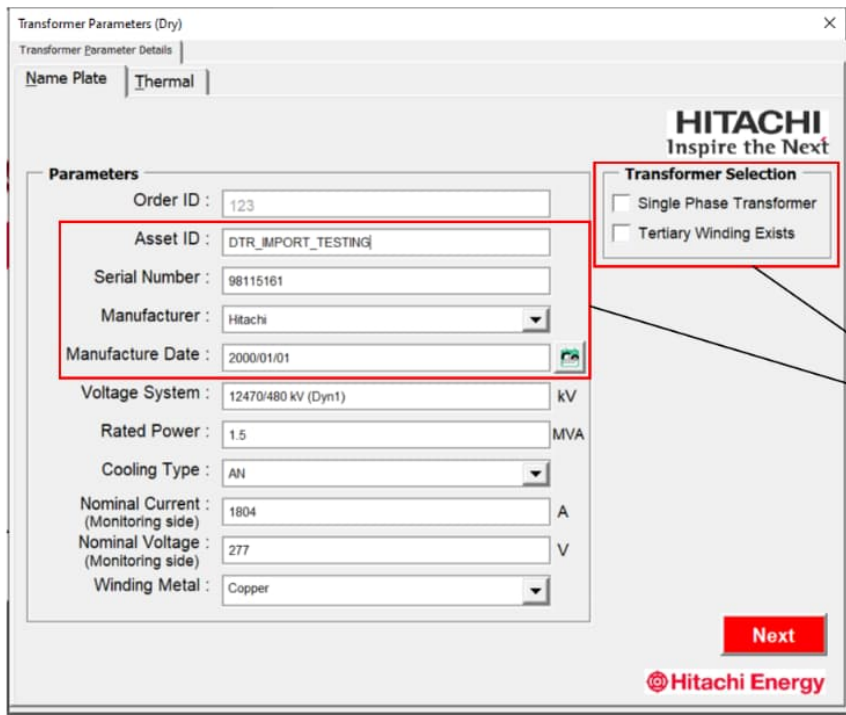
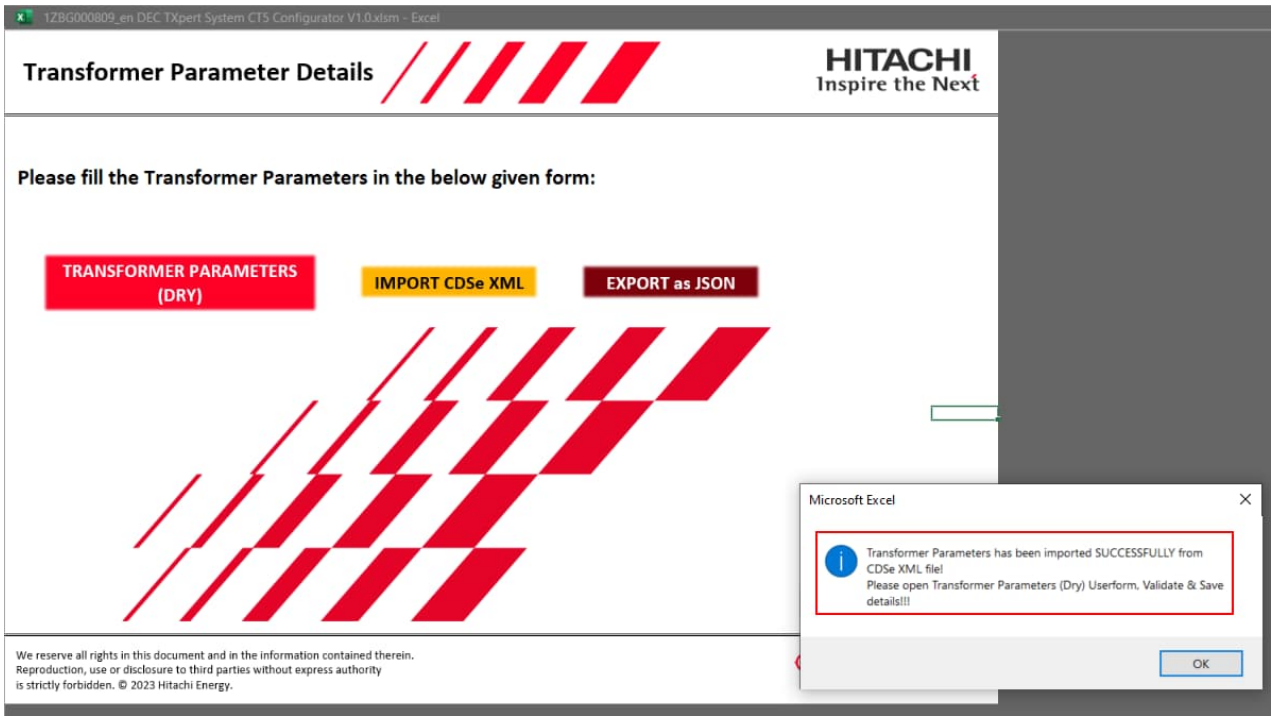
8.5.3 Import CDSe XML file into Engineering Configurator

CDSe export design XML file could be directly imported into Engineering configurator by following the below given steps.

- Click “Import CDSe XML” button, it will open dialogue box to choose XML file to be import
- Select the XML file that needs to be imported
- Click “Open” button, it will import all the required parameters from XML into Engineering configurator tool and message box will show to do the next steps
- Select the “TRANSFORMER PARAMETERS” button and validate all the values that was imported from XML



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These highlighted fields needs to be filled manually, since these information were not available in CDSe XML file. Remaining all fields has been imported from XML file

Note: In this release, CDSe XML import feature is available only for Dry type Transformer. For DTR & PT it will be available in next release.

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8.6 Electrical & Mechanical drawings (Alamo Engineering)

Based on the Inputs received from Transformer Sales & Transformer Engineering team, Alamo Engineering team will be able to find the close match design and they can redirect into the close match Standard Assembly drawing from cPLM by selecting the “Electrical & Mechanical Drawings” button.

(1) UPDATE SIGNAL DETAILS		(a) Transformer Parameters (For Software Configuration)		(b) I/O PORT CONNECTIONS (For Designers only)		(c) Electrical & Mechanical Drawings (For Designers only)	
S.No	Functionality	Input Signal to CT5	Input Signal type	Output Signal from CT5	Output Signal type	Alarm (°C)	Trip (°C)
1	Winding Temperature (Phase 1)	RTD signal	Analog				
2	Winding Temperature (Phase 2)	RTD signal	Analog				
3	Winding Temperature (Phase 3)	RTD signal	Analog				
4	Ambient Temperature	RTD signal	Analog				
5	Transformer Fan group (Controlling) - 1			Digital	Digital		
6	Transformer Fan group (Controlling) - 2			Digital	Digital		
7	Transformer Fan group (Monitoring) - 1	4-20mA signal	Analog				
8	Transformer Fan group (Monitoring) - 2	4-20mA signal	Analog				
9	Power Quality Monitoring (PQM)	RS485/Modbus RTU signal	Serial				

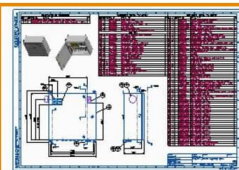
cPLM PRODUCTION INPAP7 **Upcoming Downtime** All Types Search Quick Links

Products > HDC GLOBAL > Parthiban Recently Accessed

Actions Drawing - 1zbg000398-aal.drw, A.6 Development

Details Content Related Objects Changes History Traceability

Visualization and Attributes | More Attributes



Standard Attributes

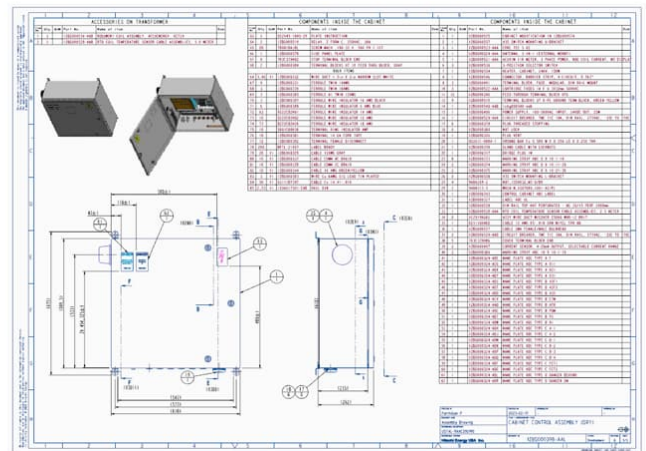
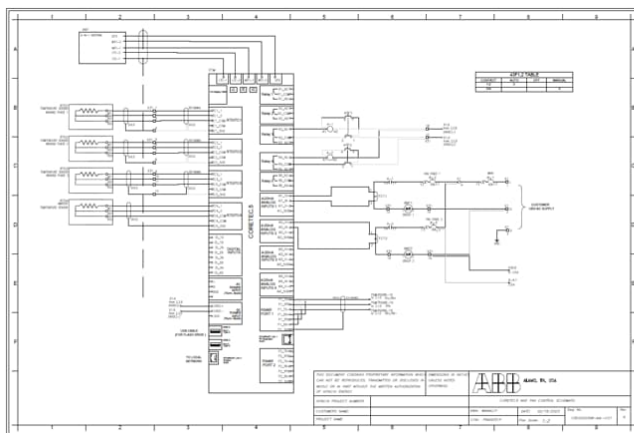
Number:	1ZBG000398-AAL DRW	Security Level:	Strictly confidential
Name:	CABINET CONTROL ASSEMBLY (DRY)	Based on doc ID:	
Responsible Company:	Hitachi Energy USA, Inc.	Workorder ID:	
Responsible Department:	USTAL-SAAE300190	Project ID:	
Supplementary Title:	-	LANGUAGE:	EN
Document Kind:	Assembly Drawing	Version:	A.6
Weight:			
Status:	Checked in		

Who & When

Created By:	Parthiban P	Reviewed by:	-
Created On:	2023-02-17 13:08 CET	Reviewed:	-
Modified By:	Dharanya S	Approved by:	-
Last Modified:	2023-03-10 05:54 CET	APPROVED:	-
Test_Param:			

General

Checkin:	Generic:	No
Comments:	Missing:	No Instance: No
Dependents:	Incomplete Object:	No Location: /HDC GLOBAL/Parthiban
Life Cycle Template:	cPLM	State: Development - In Work - Under Review - Approved - Released - Reiteration - Withdrawn - Canceled
Checked Out By:	Status:	Checked in



9 Inputs for Software Configurator tool (Python tool)

We should feed inputs from filled Engineering configurator tool into Software configurator tool to generate Software package which can be installed into CoreTec5 Data Aggregator.

Note: Only use Software Configurator tool to generate Software configurations for the recent firmware version of Data Aggregator (CT5). Engineering configurator tool only useful to provide inputs to Software configurator tool.

10 Configurator tool Limitations

- Partial integration between Sales & Engineering Configurator tools.
- Processing time would be bit slow in e-Config.
- Custom features need to be added in e-Config.

11 Configurator Tool Support model

- Please raise tickets using below given URL for any bugs, feature update request, access request and so on.,
- Admin Space URL: <https://apps.powerapps.com/play/e/default-7831e6d9-dc6c-4cd1-9ec6-1dc2b4133195/a/1c3bd877-acef-4923-9897-bb033e80fddc?tenantId=7831e6d9-dc6c-4cd1-9ec6-1dc2b4133195&source=AppSharedV3&hint=712d6dfb-8471-44c6-a323-e20f64520585>



Welcome Parthiban P

Please Raise your Ticket



[Request](#)

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12 Additional Information

12.1 Listing of related documents

Ref #	Document Kind, Title	Document No
001	1ZSC000849-AAV_Ordering sheet_2-02-000	1ZSC000849-AAV
002	DSC_1ZBG000409_A_en_TXpert_configurator	1ZBG000409

13 Revisions

Rev.	Page (P) Chapt. (C)	Description	Date	Dept./Init.
A	All	Initial Release	10 th March 2023	Parthiban P

STATUS	SECURITY LEVEL	DOCUMENT ID	REV.	LANG.	PAGE
Draft	Internal		A	en	30/30