V1

Flat Design Parts User Guide_EN_V1

User Guide

Document copyright policy:

All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.
When devices are used for applications with technical safety requirements, the relevant instructions must be followed.
Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results.
Failure to observe this information can result in injury or equipment damage.

Safety Information

Important Information

NOTICE

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result** in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

About the Book

At a Glance

Document Scope

This manual describes how to use this product.

Validity Note

This documentation is valid for this product.

The technical characteristics of the device(s) described in this manual also appear online at *http://www.pro-face.com*.

The characteristics presented in the present document should be the same as those that appear online. In line with our policy of constant improvement we may revise content over time to improve clarity and accuracy. In the event that you see a difference between the document and online information, use the online information as your reference.

Registered Trademarks

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Product names used in this manual may be the registered trademarks owned by the respective proprietors.

Related Documents

You can download the manuals related to this product, such as the software manual, from our support site at *http://www.pro-face.com/trans/en/manual/1001.html*.

Product Related Information

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

In the event this product does not run properly due to whatever reason, it may be difficult or impossible to identify a function. Functions that may present a hazard if not immediately executed, such as a fuel shut-off, must be provided independently of this product. The machine's control system design must take into account the operator being unable to control the machine or making mistakes in the control of the machine.

⚠ WARNING

UNINTENDED EQUIPMENT OPERATION

- The application of this product requires expertise in the design and programming of control systems. Only persons with such expertise should be allowed to program, install, alter, and apply this product.
- Follow all local and national safety standards.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

For additional information, refer to NEMA ICS 1.1 (latest edition), "Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control" and to NEMA ICS 7.1 (latest edition), "Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems" or their equivalent governing your particular location.

Pro-face by Schneider Electric

CONTENTS

PREFACE

This document explains how to install and use flat design parts with functions such as switches/lamps on GP-Pro EX.
Also, show a list of these parts for ease of use.

What is FLAT DESIGN?

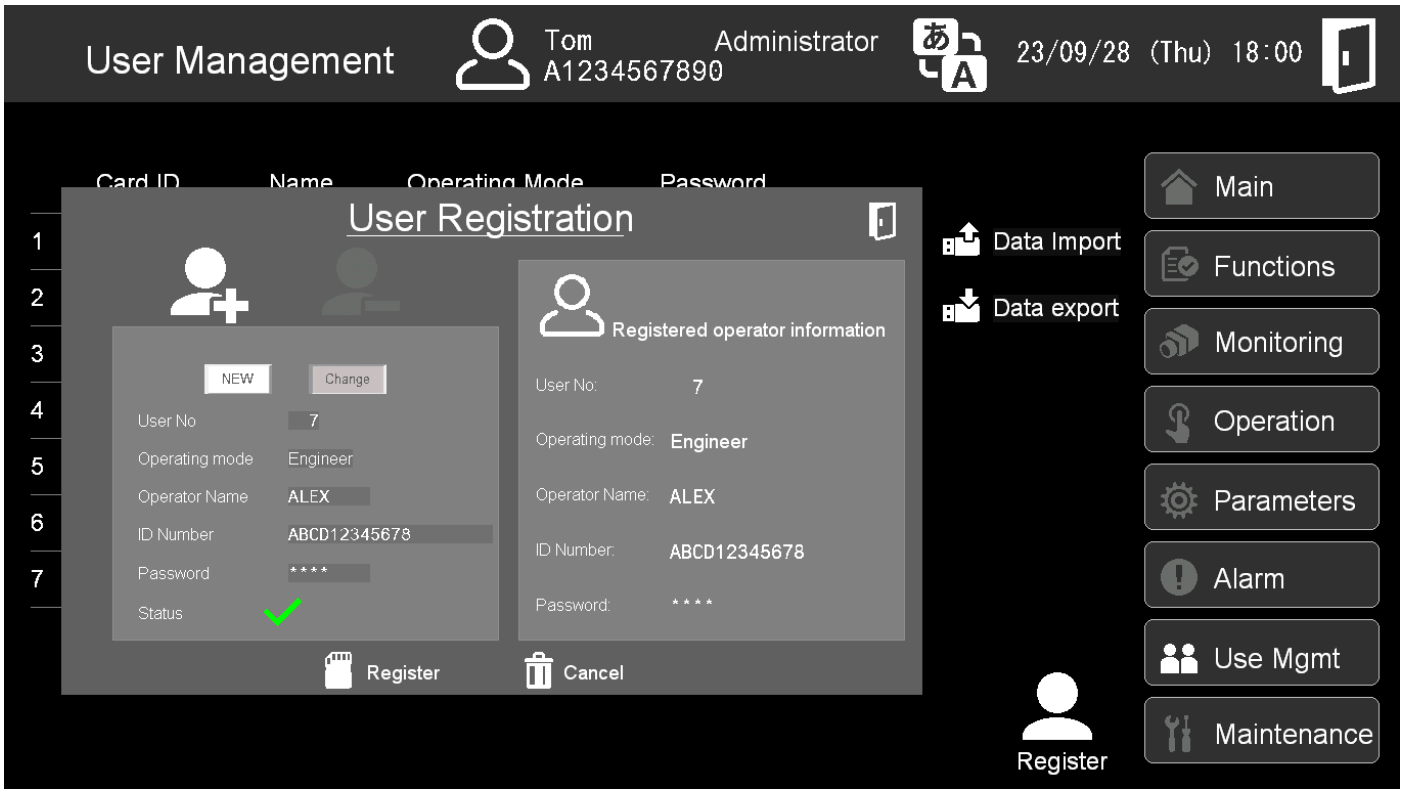
Flat Design is an approach to user interface design, focusing on simplicity, minimalism, and clean aesthetics.
Instead of using many color gradients, object shadows and 3-dimensional drawings, FLAT DESIGN does focus on simple, 2 dimensional parts with bright colors. This supports more meaningful interfaces that are also more efficient and easier to understand as the interface is less overloaded.
By incorporating FLAT DESIGN parts in your HMI user interface, you can create HMIs that are visually appealing, user-friendly, and feature a modern design tailored to user.
Flat Design can enhance User Experience. FLAT DESIGN parts provide a clean and intuitive interface, making it easier for users to navigate and interact with HMIs.

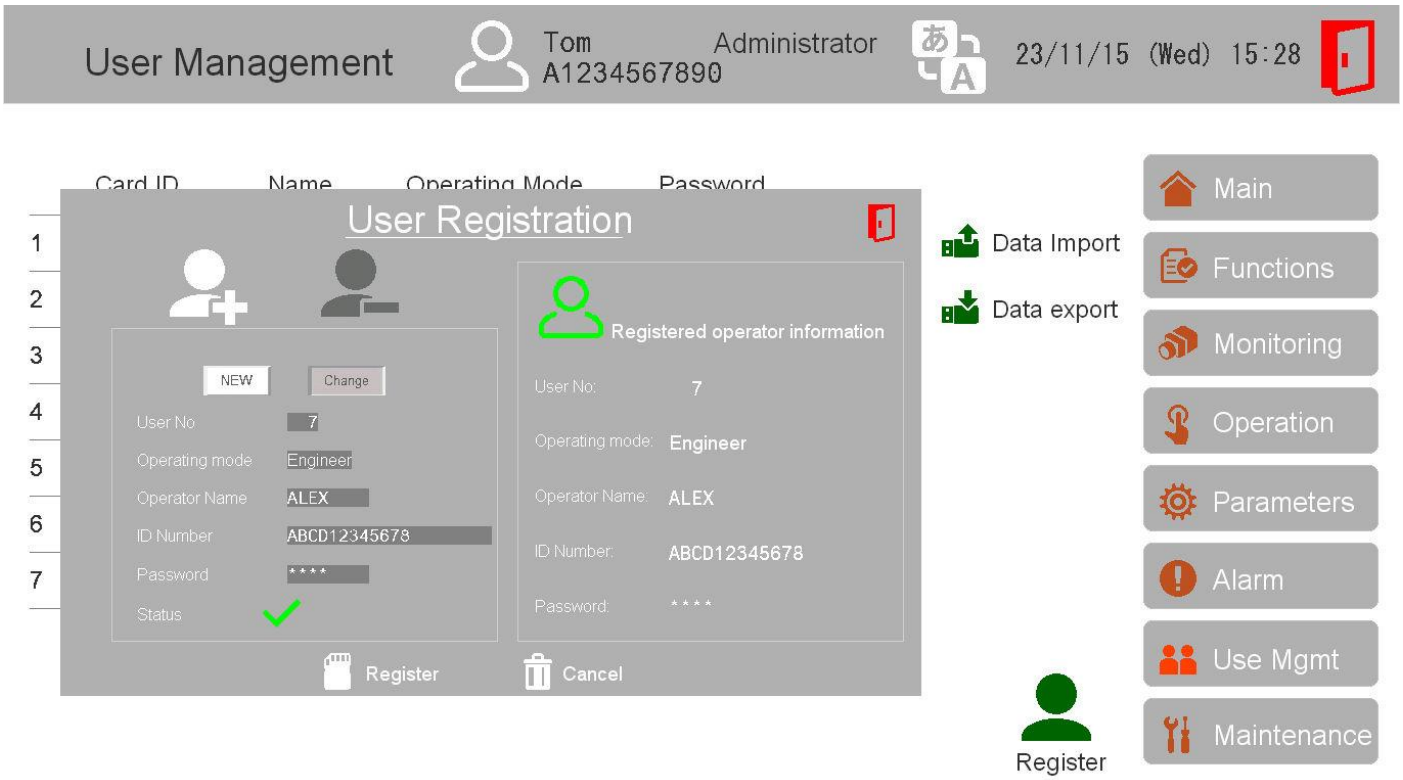
ABOUT PARTS

There is a PDX files. (Please refer to the “Parts images” chapter for the parts images in PDX file.)

- I_FlatIcon1.pdx

By using these parts, you can create a flat design screen like the one below.





Each part is available in the following colors, status, and sizes.

Color category			Status / Pattern		
			Pattern 0 (OFF)	Pattern 1 (ON)	Pattern 2 (OFF2)
Blue	Bl				
Green	Gr				
Red	Re				
Yellow	Ye				
Orange	Or				
White	Wh	 *1		 *1	
Gray	Gy				-

*1: In this document, the background color is gray, but the actual part background color is transparent.

Size (Pixel)		
40 x 40	S	
80 x 80	L	

PARTS IMAGES

*This document uses images of white parts. Also, although the background color is gray, the actual part background color is transparent.

*The gray part of the part name varies depending on size, color, and status.

I_FLATICON1.PDX

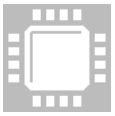
Fan1_0017S_Wh_ON	Fan1_0019S_Wh_ON	Fan1_0020S_Wh_ON	Fan1_0021S_Wh_ON
			
Valve1_0001S_Wh_ON	Valve1_0002S_Wh_ON	Valve1_0004S_Wh_ON	Valve1_0005S_Wh_ON
			
image1_0001S_Wh_ON	image1_0002S_Wh_ON	image1_0003S_Wh_ON	image1_0004S_Wh_ON
			
image1_0005S_Wh_ON	image1_0006S_Wh_ON	image1_0007S_Wh_ON	image1_0008S_Wh_ON
			

image1_0010S_Wh_ON	image1_0011S_Wh_ON	image1_0012S_Wh_ON	image1_0013S_Wh_ON
			
image1_0014S_Wh_ON	image1_0015S_Wh_ON	image1_0016S_Wh_ON	image1_0017S_Wh_ON
			
image1_0018S_Wh_ON	image1_0020S_Wh_ON	image1_0021S_Wh_ON	image1_0022S_Wh_ON
			
image1_0023S_Wh_ON	image1_0024S_Wh_ON	image1_0025S_Wh_ON	image1_0026S_Wh_ON
			
image1_0027S_Wh_ON	image1_0028S_Wh_ON	image1_0029S_Wh_ON	image1_0030S_Wh_ON
			

image1_0031S_Wh_ON	image1_0032S_Wh_ON	image1_0033S_Wh_ON	image1_0034S_Wh_ON
			
image1_0035S_Wh_ON	image1_0036S_Wh_ON	image1_0037S_Wh_ON	image1_0038S_Wh_ON
			
image1_0040S_Wh_ON	image1_0041S_Wh_ON	image1_0044S_Wh_ON	image1_0046S_Wh_ON
			
image1_0049S_Wh_ON	image1_0050S_Wh_ON	image1_0051S_Wh_ON	image1_0052S_Wh_ON
			
image1_0053S_Wh_ON	image1_0054S_Wh_ON	image1_0055S_Wh_ON	image1_0056S_Wh_ON
			

image1_0057S_Wh_ON	image1_0059S_Wh_ON	image1_0061S_Wh_ON	image1_0062S_Wh_ON
			
image1_0063S_Wh_ON	image1_0064S_Wh_ON	image1_0065S_Wh_ON	image1_0066S_Wh_ON
			
image1_0068S_Wh_ON	image1_0069S_Wh_ON	image1_0070S_Wh_ON	image1_0073S_Wh_ON
			
image1_0074S_Wh_ON	image1_0075S_Wh_ON	image1_0076S_Wh_ON	image1_0077S_Wh_ON
			
image1_0081S_Wh_ON	image1_0083S_Wh_ON	image1_0084S_Wh_ON	image1_0086S_Wh_ON
			

image1_0089S_Wh_ON	image1_0090S_Wh_ON	image1_0091S_Wh_ON	image1_0092S_Wh_ON
			
image1_0093S_Wh_ON	image1_0096S_Wh_ON	image1_0098S_Wh_ON	image1_0099S_Wh_ON
			
image1_0100S_Wh_ON	image1_0101S_Wh_ON	image1_0102S_Wh_ON	image1_0103S_Wh_ON
			
image1_0104S_Wh_ON	image1_0105S_Wh_ON	image1_0106S_Wh_ON	image1_0108S_Wh_ON
			
image1_0109S_Wh_ON	image1_0111S_Wh_ON	image1_0112S_Wh_ON	image1_0115S_Wh_ON
			

image1_0116S_Wh_ON	image1_0117S_Wh_ON	image1_0118S_Wh_ON	image1_0120S_Wh_ON
			
image1_0121S_Wh_ON	image1_0122S_Wh_ON	image1_0123S_Wh_ON	image1_0124S_Wh_ON
			
image1_0125S_Wh_ON	image1_0126S_Wh_ON	image1_0127S_Wh_ON	image1_0129S_Wh_ON
			
image1_0130S_Wh_ON	image1_0136S_Wh_ON		
			
Tank1_0001S_Wh_ON	Tank1_0004S_Wh_ON		
			

Human1_0001S_Wh_ON	Human1_0002S_Wh_ON	Human1_0003S_Wh_ON	Human1_0004S_Wh_ON
			
Human1_0005S_Wh_ON	Human1_0006S_Wh_ON	Human1_0007S_Wh_ON	Human1_0008S_Wh_ON
			
Human1_0009S_Wh_ON	Human1_0010S_Wh_ON	Human1_0011S_Wh_ON	Human1_0012S_Wh_ON
			
Human1_0013S_Wh_ON	Human1_0014S_Wh_ON	Human1_0015S_Wh_ON	Human1_0016S_Wh_ON
			
Human1_0017S_Wh_ON	Human1_0018S_Wh_ON	Human1_0019S_Wh_ON	
			

Device1_0001S_Wh_ON	Device1_0002S_Wh_ON	Device1_0003S_Wh_ON	Device1_0004S_Wh_ON
			
Device1_0005S_Wh_ON	Device1_0006S_Wh_ON	Device1_0007S_Wh_ON	Device1_0008S_Wh_ON
			
Device1_0009S_Wh_ON	Device1_0010S_Wh_ON	Device1_0011S_Wh_ON	Device1_0012S_Wh_ON
			
Device1_0013S_Wh_ON	Device1_0014S_Wh_ON	Device1_0015S_Wh_ON	Device1_0017S_Wh_ON
			
Device1_0018S_Wh_ON	Device1_0019S_Wh_ON	Device1_0020S_Wh_ON	Device1_0022S_Wh_ON
			

Device1_0023S_Wh_ON	Device1_0024S_Wh_ON	Device1_0026S_Wh_ON	Device1_0027S_Wh_ON
			
Device1_0028S_Wh_ON	Device1_0029S_Wh_ON	Device1_0030S_Wh_ON	Device1_0031S_Wh_ON
			
Device1_0036S_Wh_ON	Device1_0037S_Wh_ON	Device1_0039S_Wh_ON	Device1_0044S_Wh_ON
			
Device1_0045S_Wh_ON	Device1_0046S_Wh_ON	Device1_0050S_Wh_ON	
			

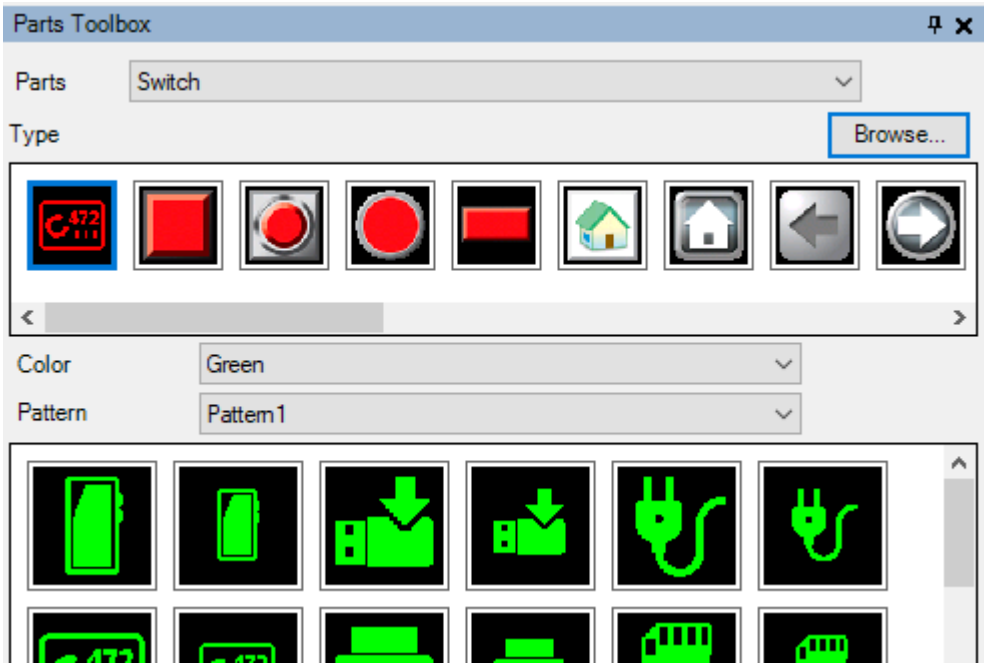
PROCEDURES TO USE A NEW PARTS

By saving the downloaded PDX file in the folder below, you can always use the parts added from the [Parts Toolbox].

GP-Pro EX Ver. 2.7 or later	<Windows7 ～ Windows11> C:¥ProgramData¥Pro-face¥GP-Pro EX ***¥pdx <Windows XP> C:¥Documents and Settings¥All Users¥Application Data¥Pro-face¥GP-Pro EX ***¥pdx
GP-Pro EX Ver. 2.6x	<Windows XP> C:¥Documents and Settings¥All Users¥Application Data¥Pro-face¥GP-Pro EX ***¥pdx
GP-Pro EX Ver. 2.2x～2.5x	<Windows XP> C:¥Documents and Settings¥All Users¥Documents¥Pro-face¥GP-Pro EX ***¥pdx
GP-Pro EX Ver. 1.0x～2.1x	<Windows XP> C:¥Program Files¥Pro-face¥GP-Pro EX ***¥pdx

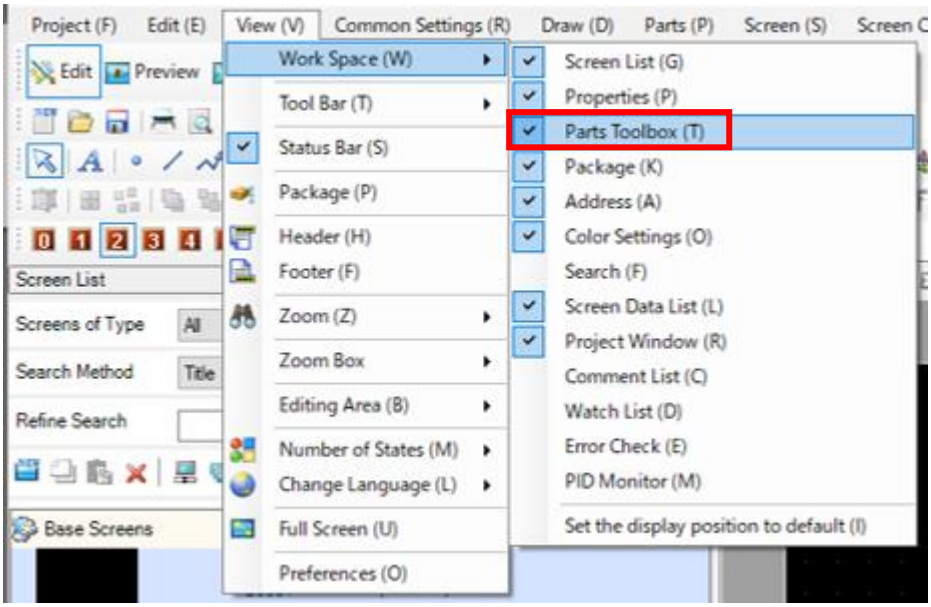
MEMO

- *** is substitution of the version of the screen editor.
- Make sure to close GP-Pro EX before saving he PDX file to the specified folder.
- The parts will be displayed in the Parts Toolbox by default even after the next startup.

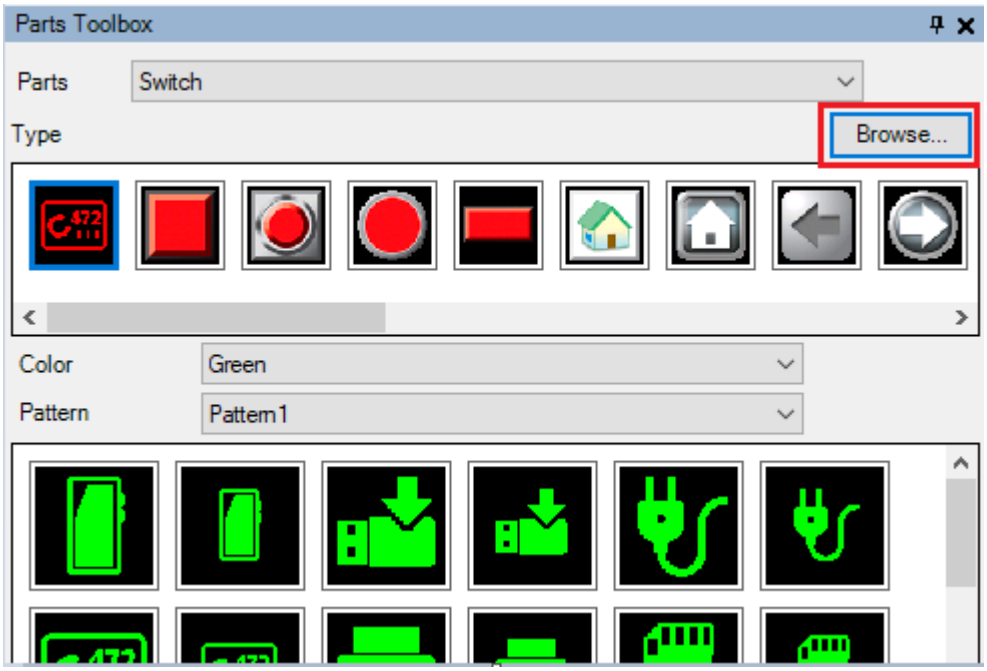


Also, you can select and use the specified PDX file from [browse…] in the parts toolbox.

1. From menu [View (V)], select [Work Space (W)] ⇒ [Parts Toolbox (T)].



2. Open the [Parts Toolbox] added in the Work Space and select the specified PDX file from [browse…] to display the parts.



MEMO

- In this case, once you close the project, you will need to read the PDX file from [Browse…] again the next time you start it, so we recommend saving it to the specified folder mentioned above.