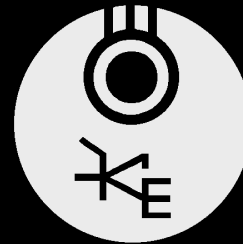


Міністерство освіти і науки України
Державний вищий навчальний заклад
“Національний гірничий університет”



КАФЕДРА ЕЛЕКТРОПРИВОДА

Кафедра електропривода

Авторизований навчальний центр “Schneider Electric”

Розробив: Яланський О.А., доцент кафедри електропривода

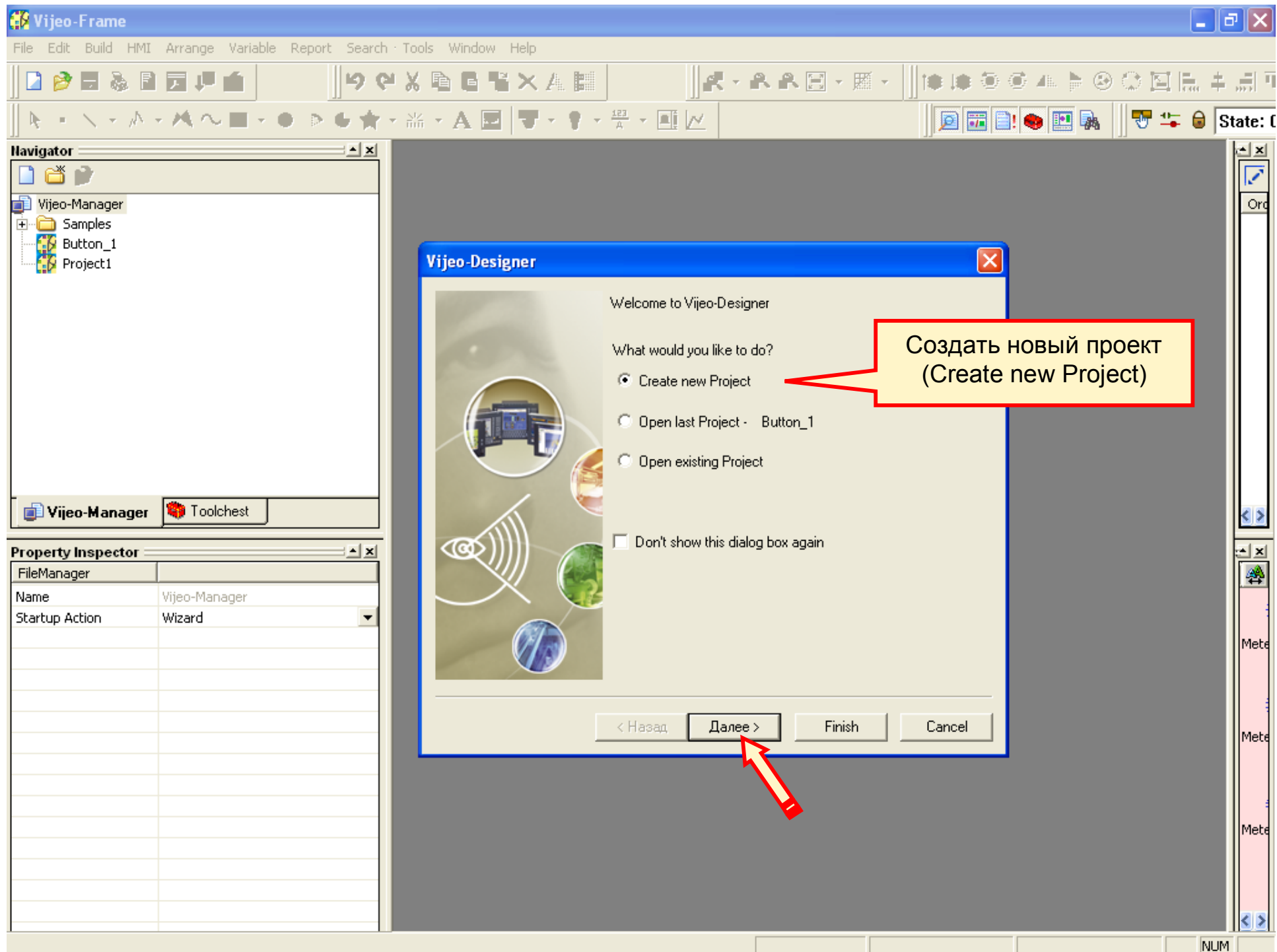
м. Дніпропетровськ

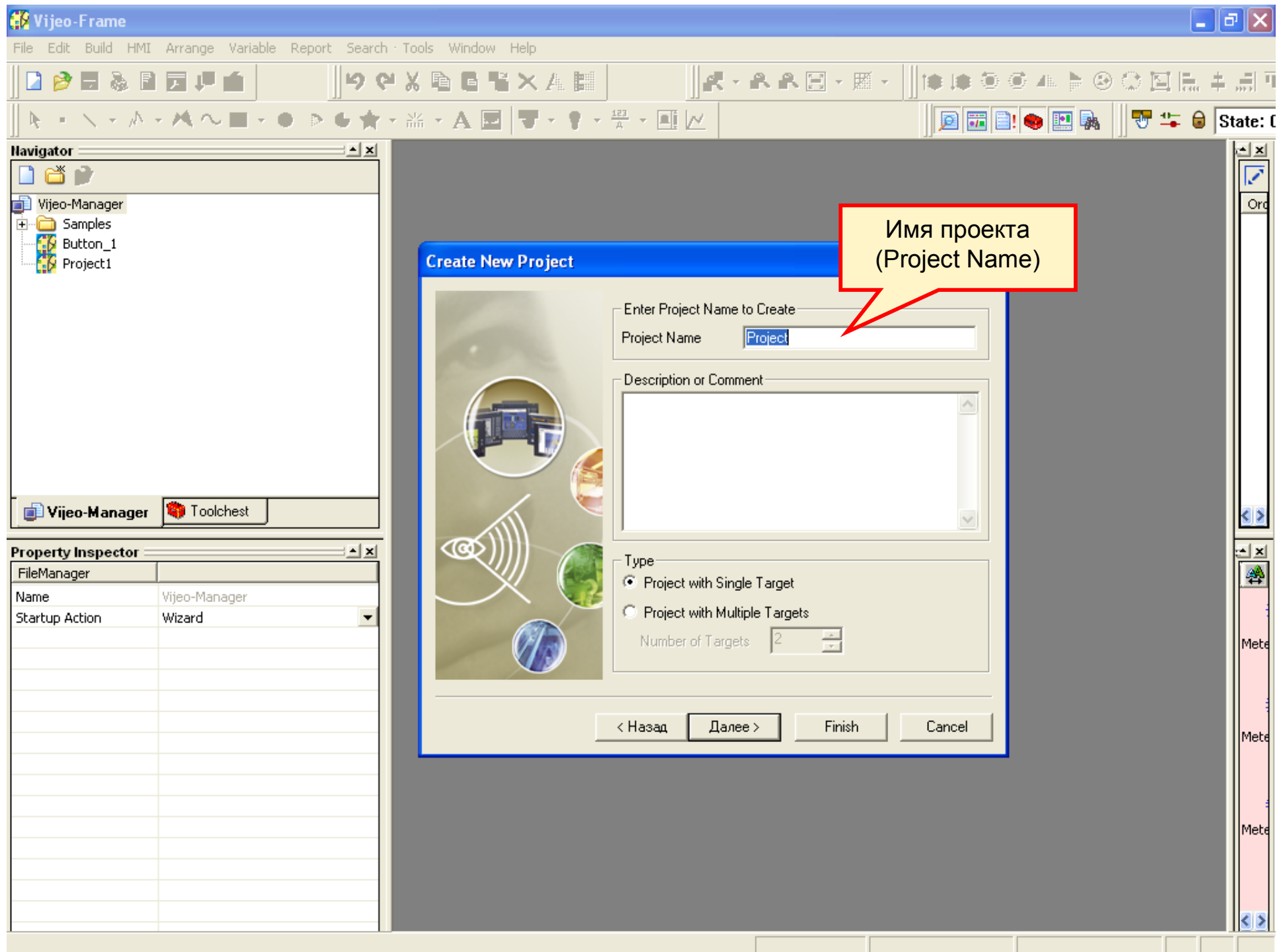
2008 - 2012

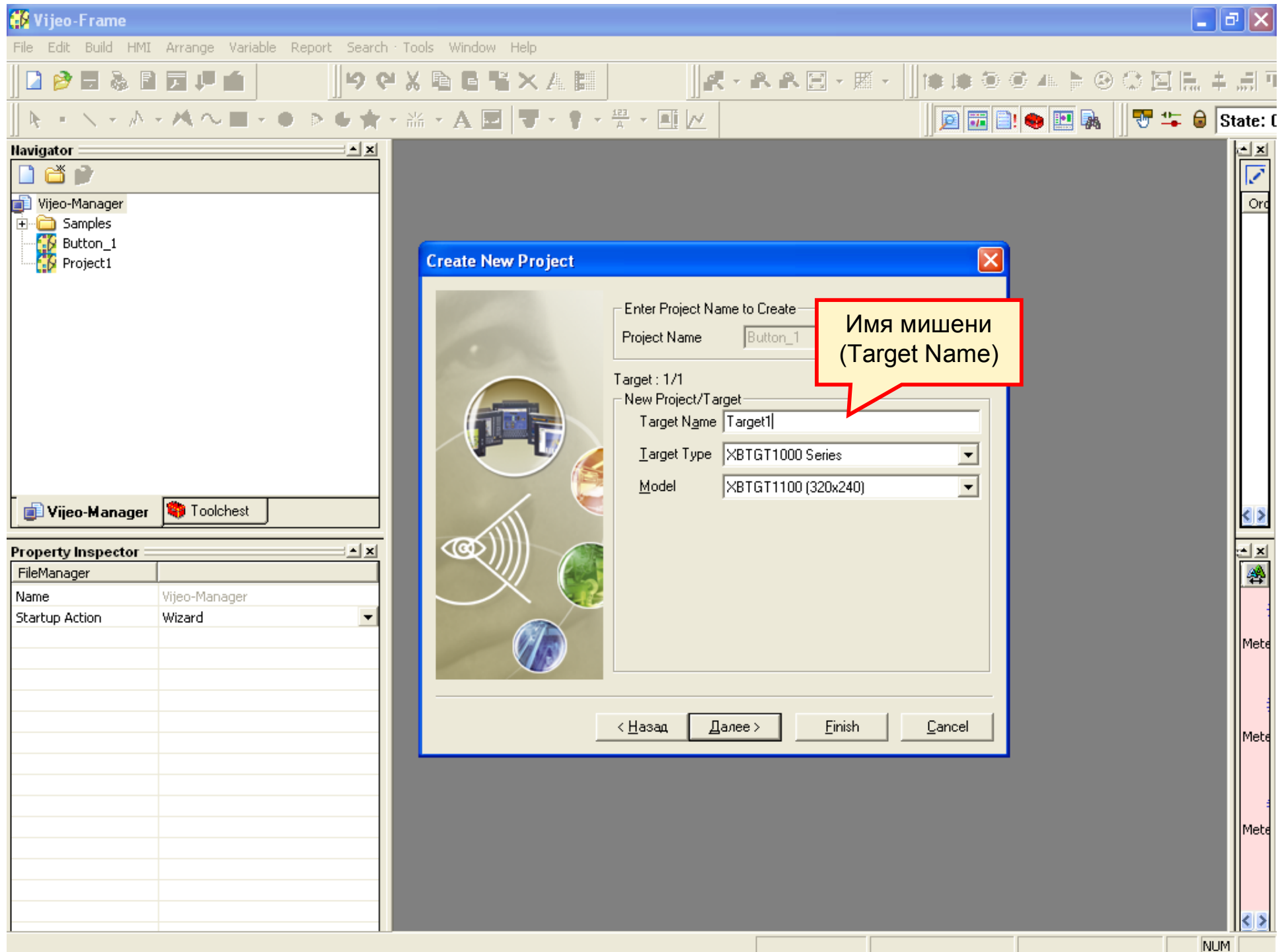
Vijeo Designer

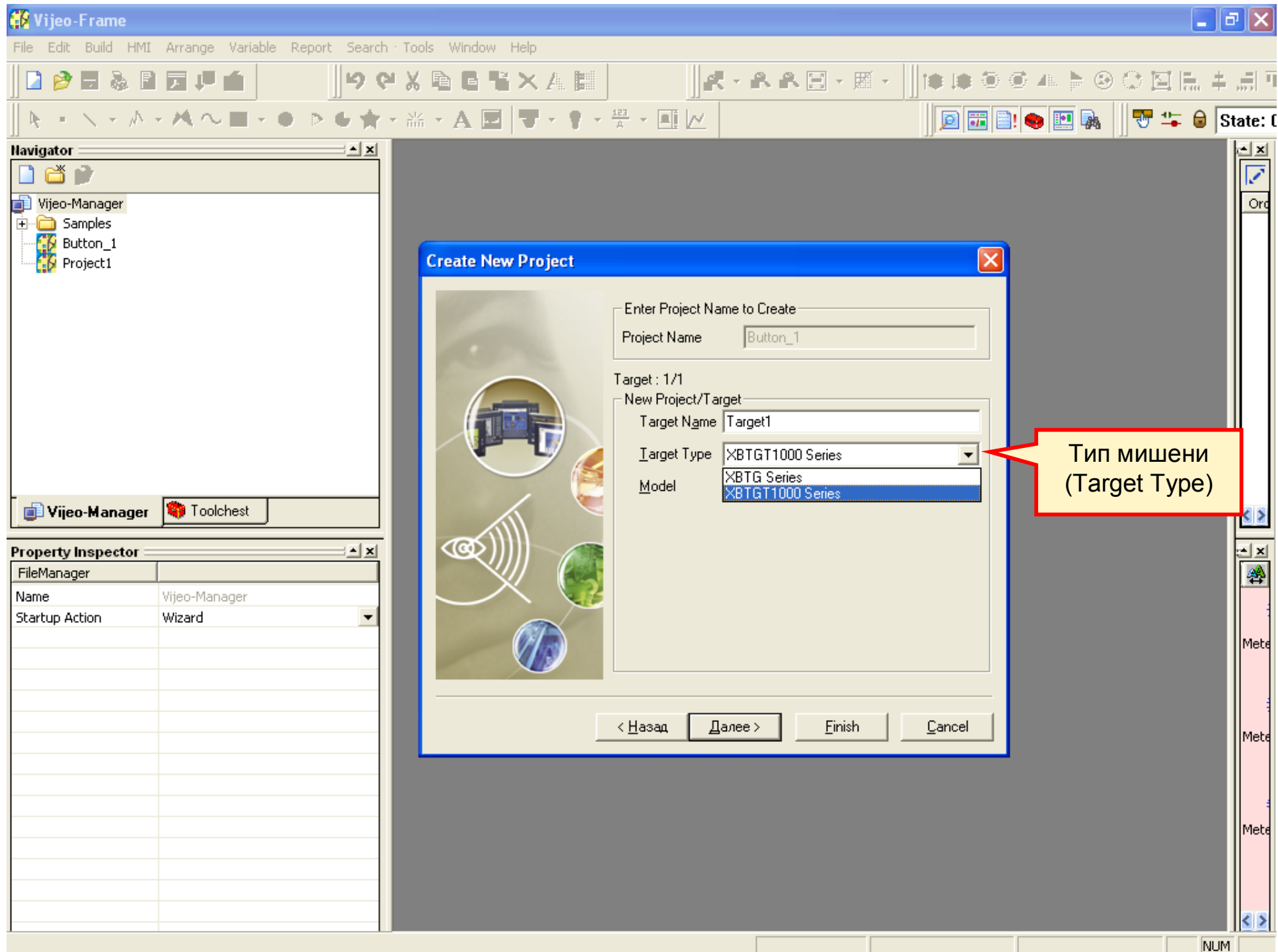
Быстрый старт

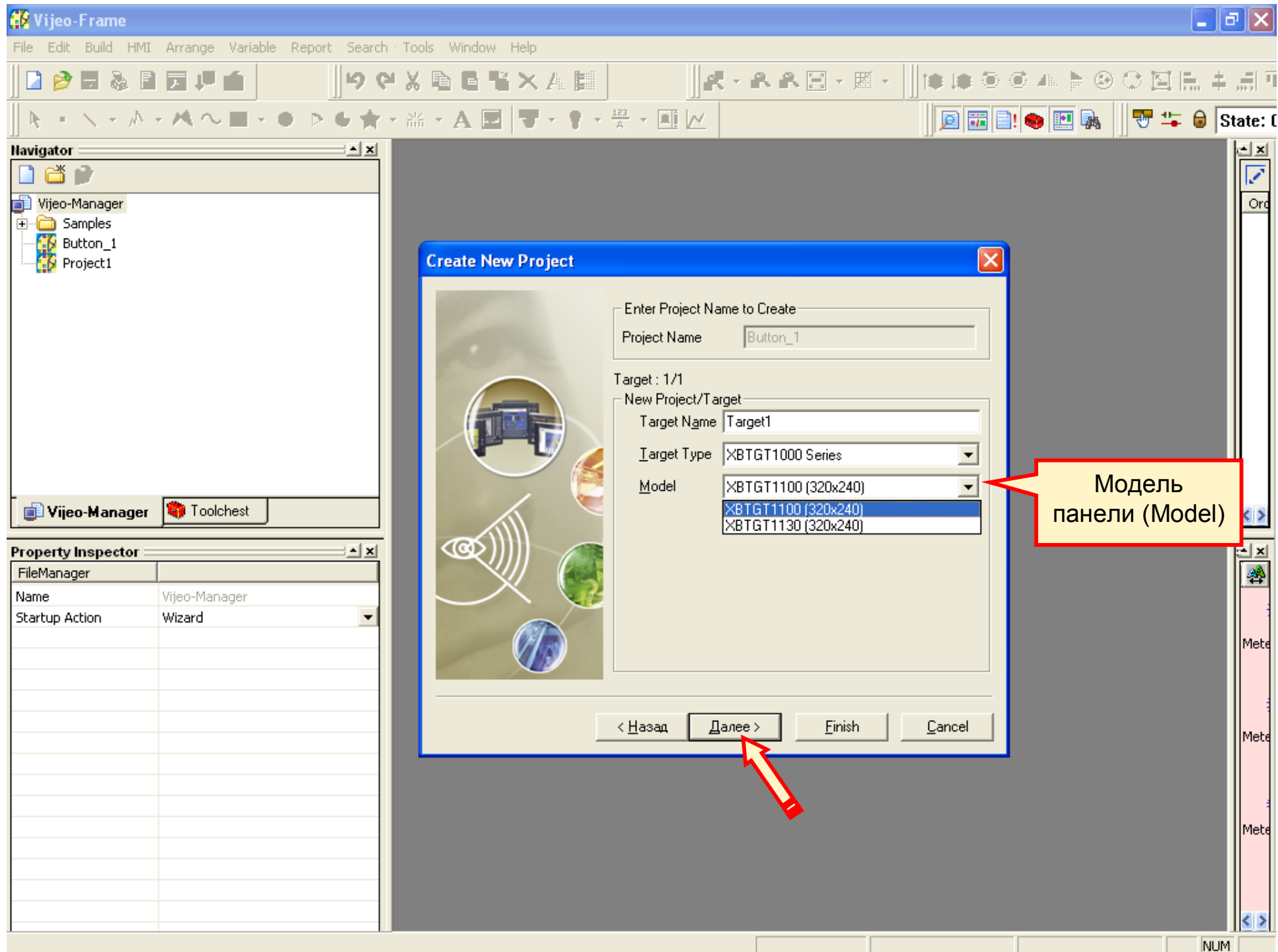
Создание кнопки

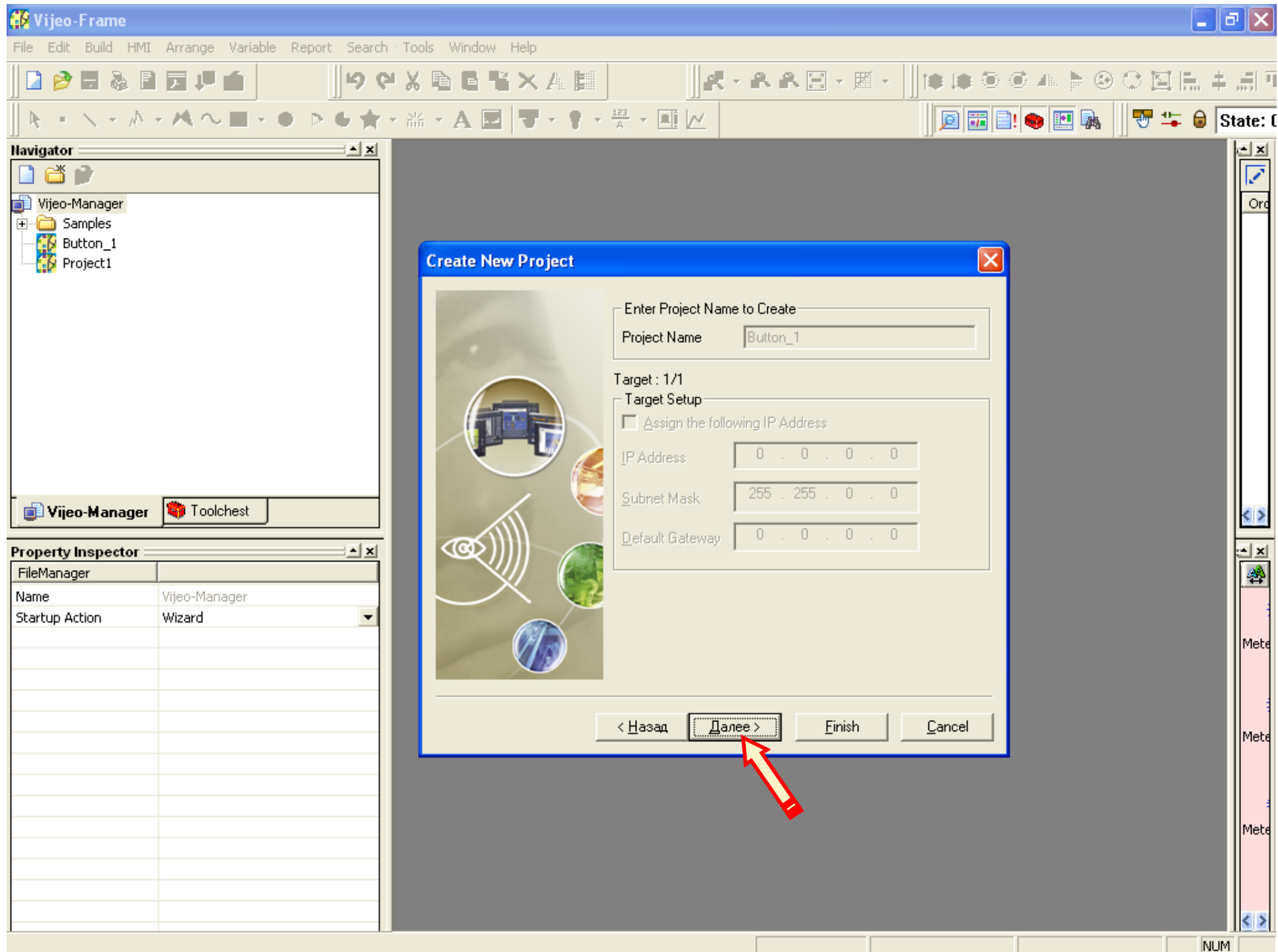


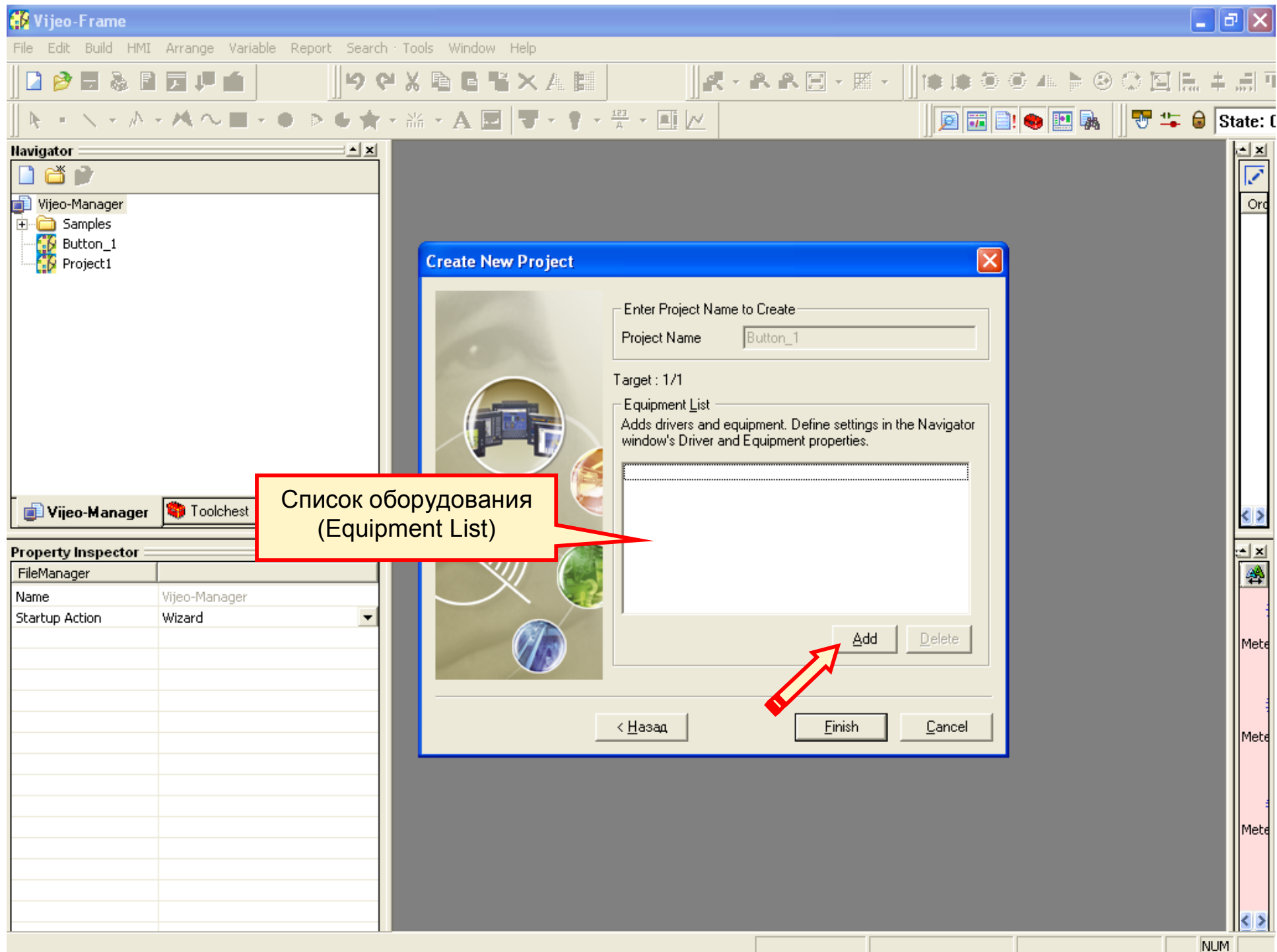


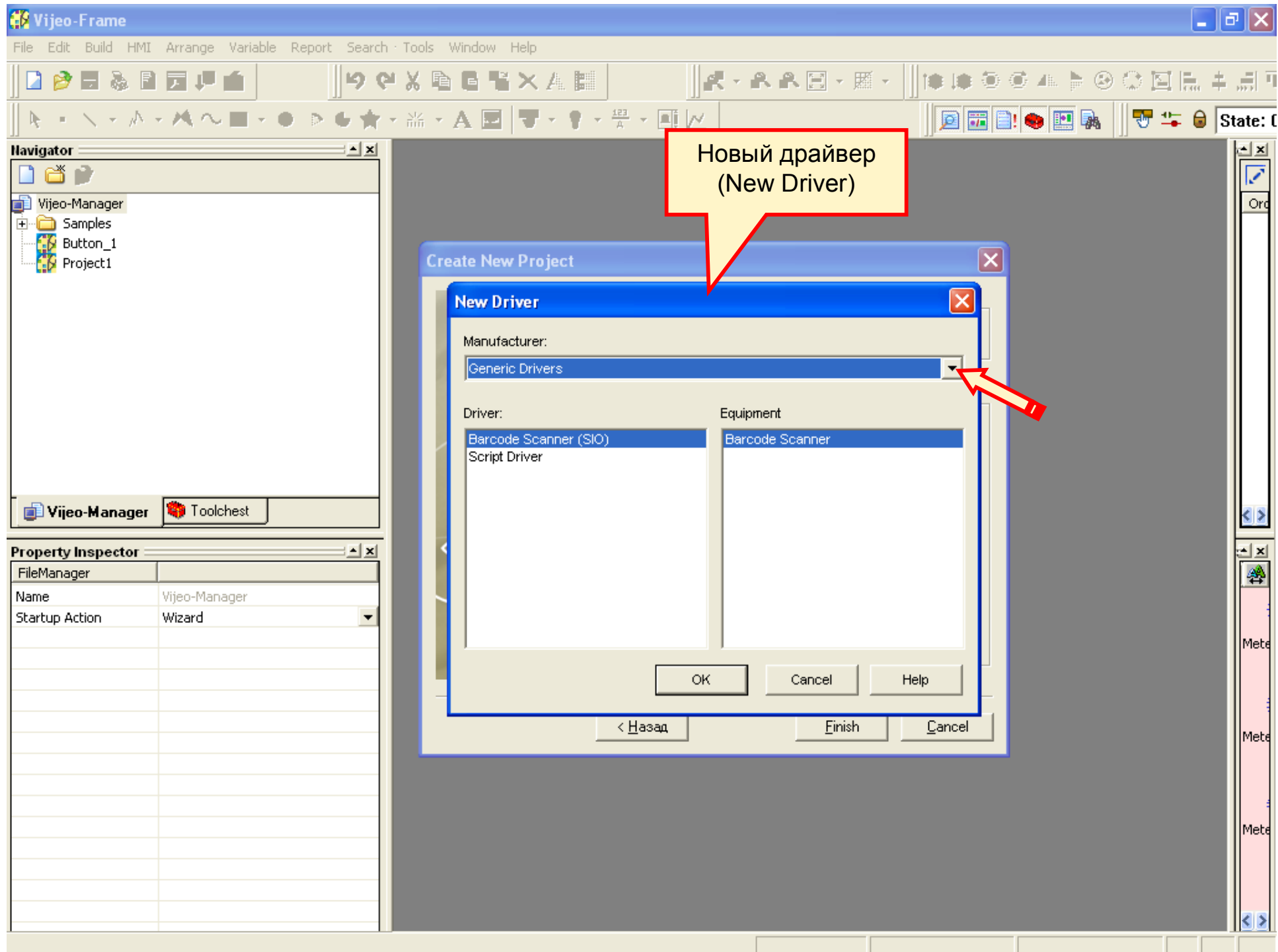


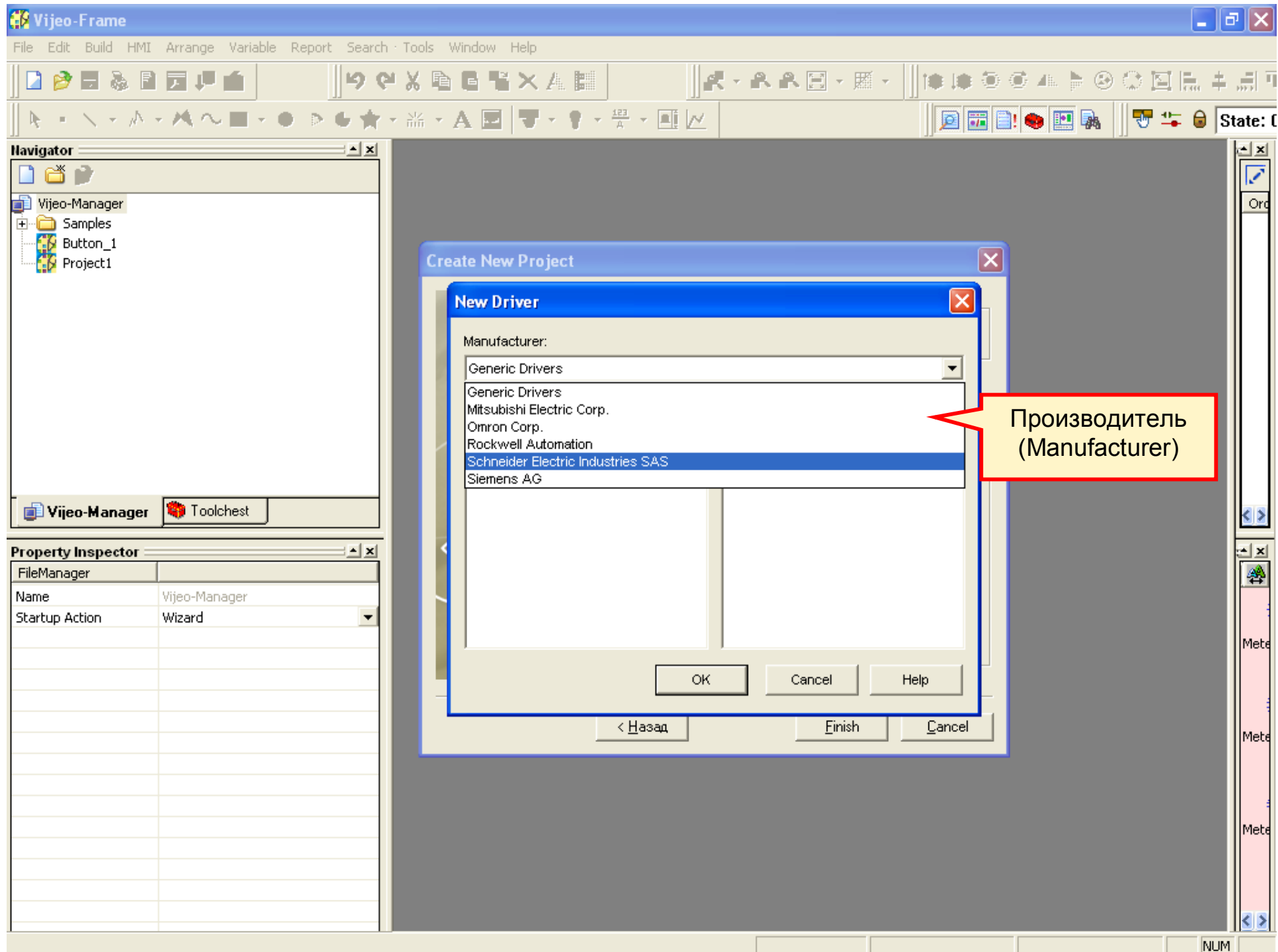


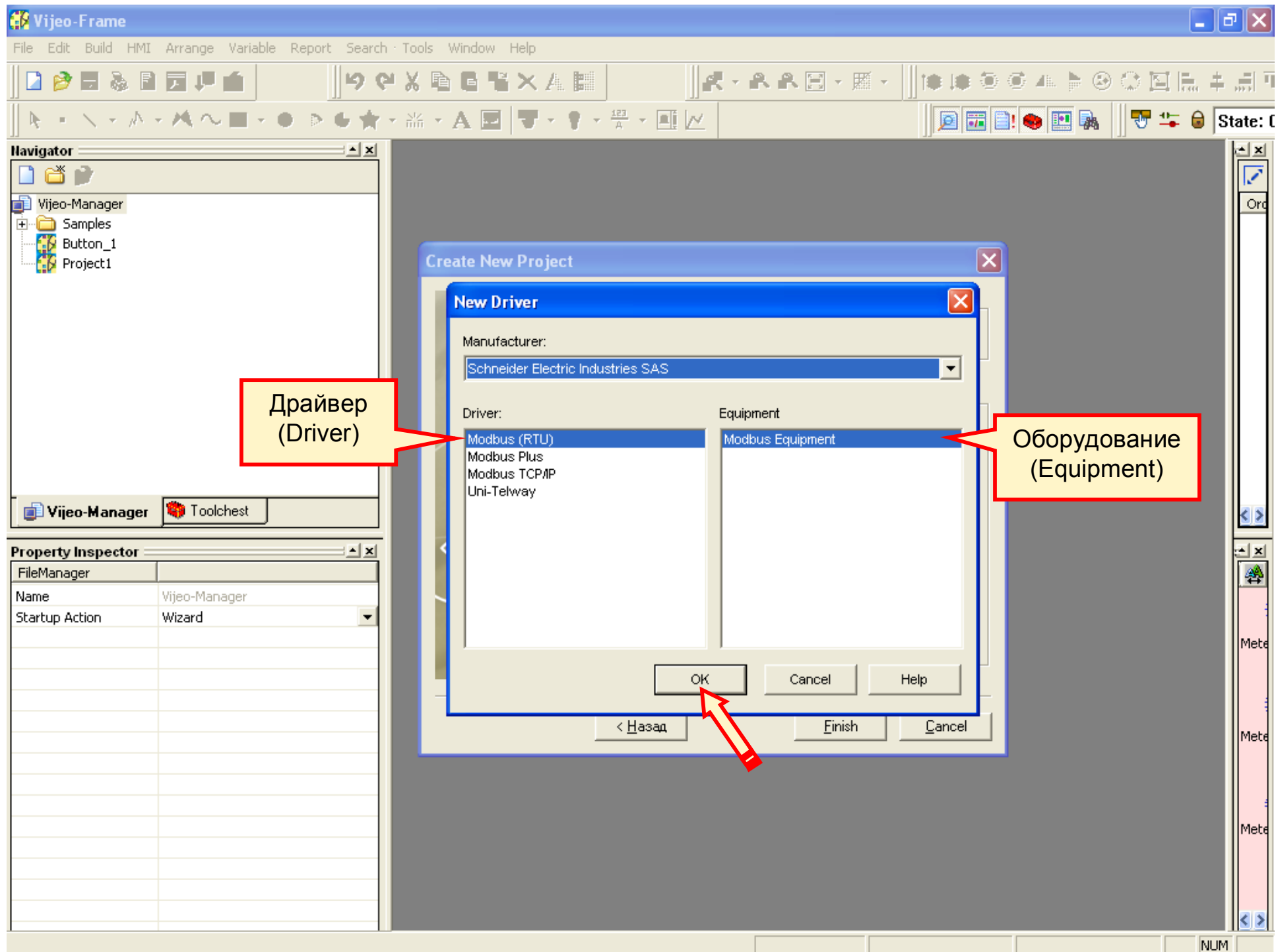


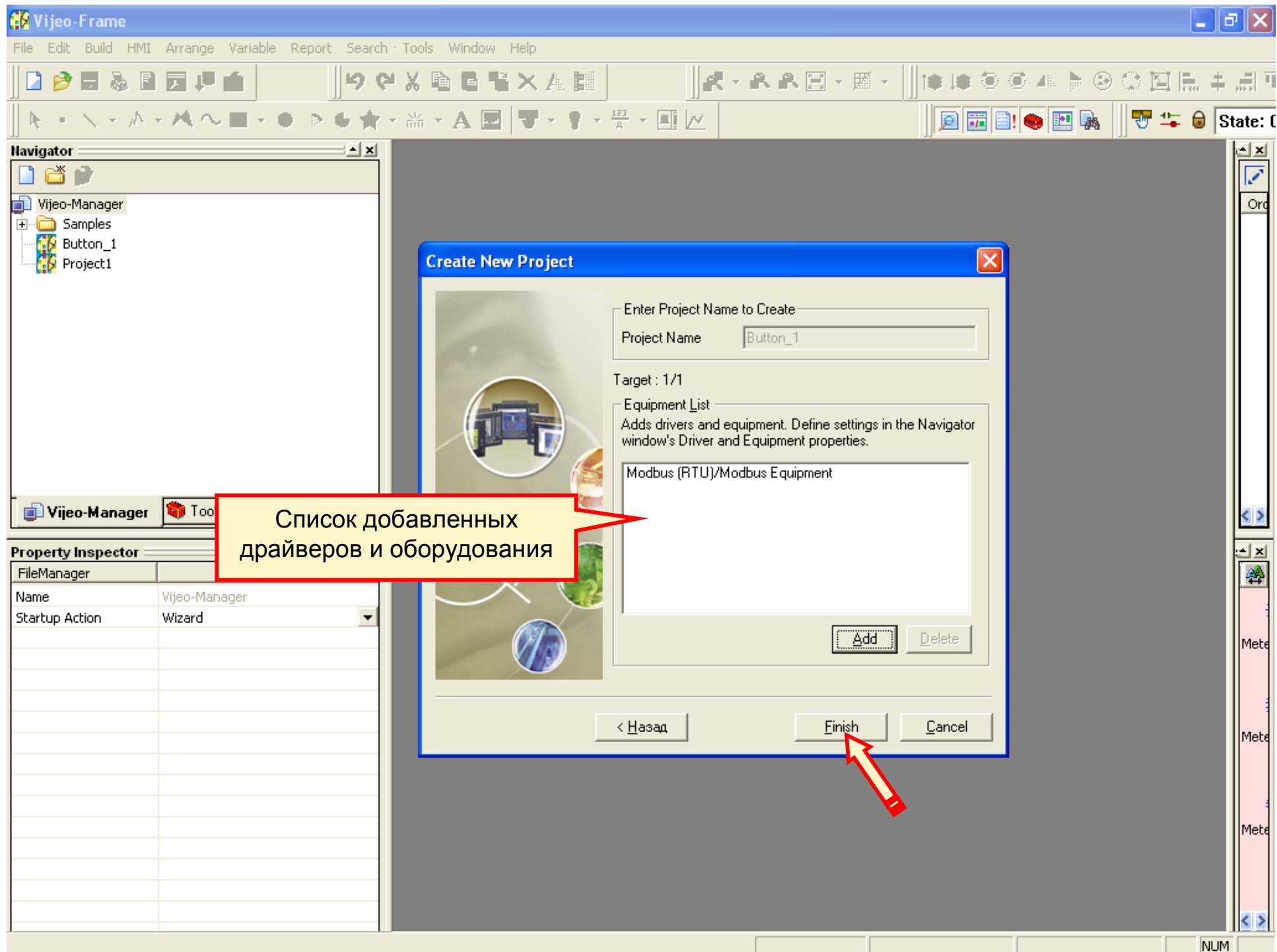


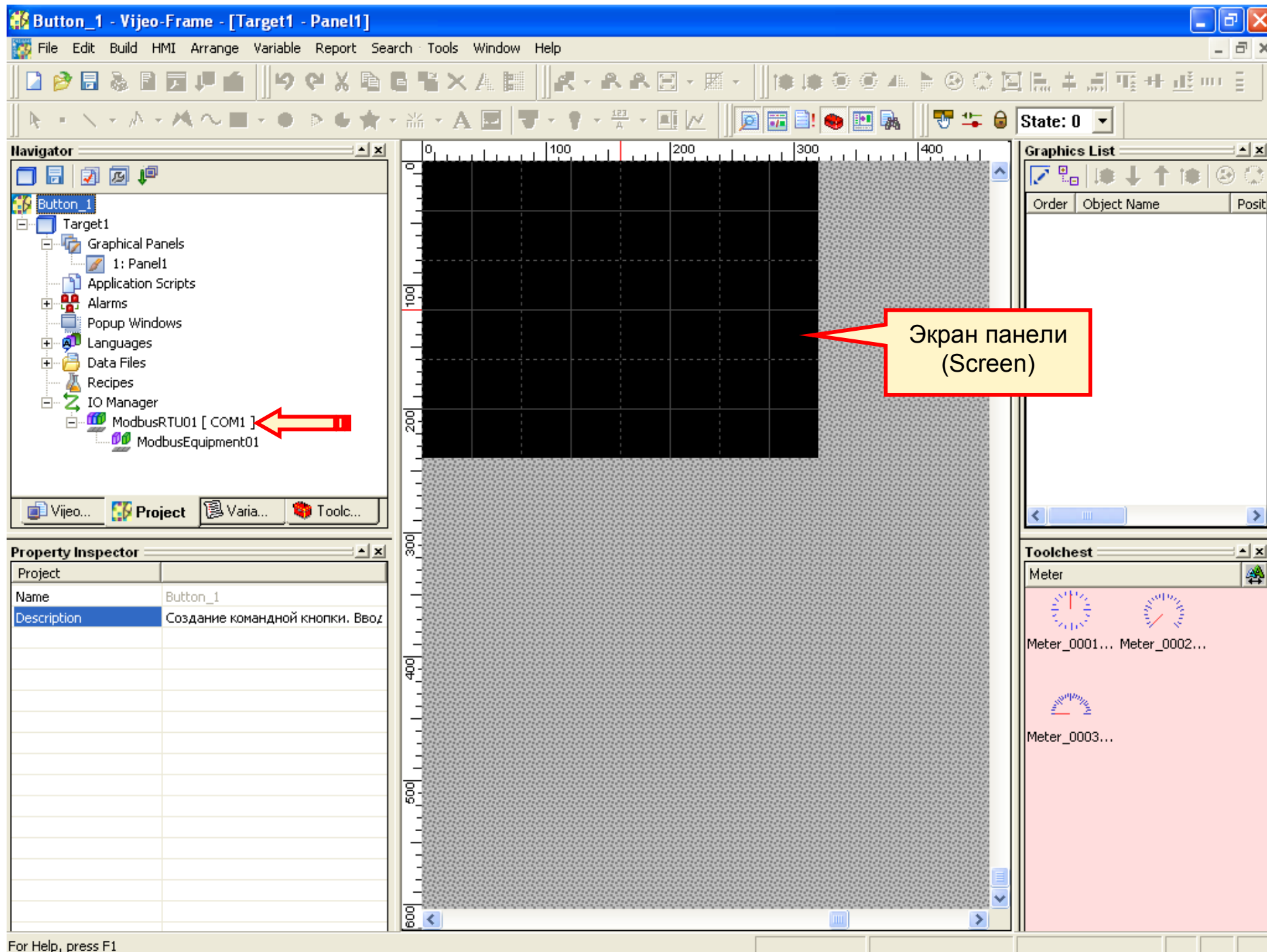












Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Driver	
Name	ModbusRTU01
Manufacturer	Schneider Electric Industries SAS
Driver	Modbus (RTU)
Configuration	...

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Для Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Property Inspector

Driver	
Name	ModbusRTU01
Manufacturer	Schneider Electric Industries S
Driver	Modbus (RTU)
Configuration	...

Имя драйвера (Name)

Maximum length is [32] characters (A-Z, a-z, 0-9 and _). Must start with a letter.

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Driver	
Name	ModbusRTU01
Manufacturer	Schneider Electric Industries
Driver	Modbus (RTU)
Configuration	

Driver Configuration

Manufacturer: Schneider Electric Industries SAS Driver: Modbus (RTU)

COM Port: COM1 Parity Bit: Even

Serial Interface: RS-485 Stop Bit: 1

Flow Control: None Data Length: 8

Transmission Speed: 19200 Rcv. Time Out: 3 Sec

Retry Count: 2 TX Wait Time: 3 mSec

Default value: ☒

OK Cancel Help

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Конфигурация драйвера (Driver Configuration)

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Driver	
Name	ModbusRTU01
Manufacturer	Schneider Electric Industries
Driver	Modbus (RTU)
Configuration	

Driver Configuration

Manufacturer: Schneider Electric Industries SAS Driver: Modbus (RTU)

COM Port: COM1 Parity Bit: Even

Serial Interface: RS-485 Stop Bit: 1

Flow Control: None Data Length: 8

Transmission Speed: 19200 Rcv. Time Out: 3 Sec

Retry Count: 3

TX Wait Time: 3 mSec

Default value: ☒

OK Cancel Help

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

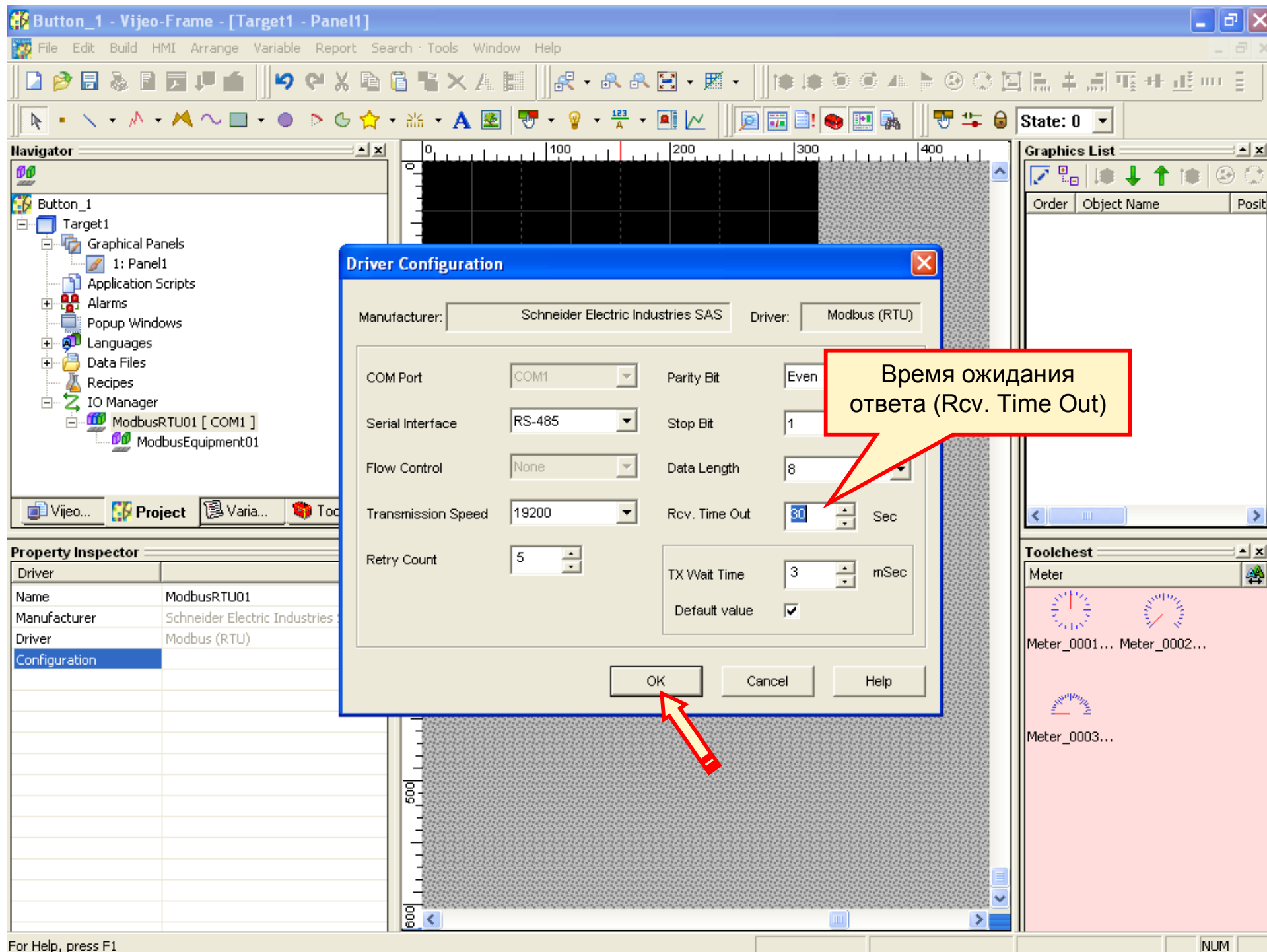
Meter_0001... Meter_0002...

Meter_0003...

Число повторов (Retry Count)

For Help, press F1

NUM



Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01**

Property Inspector

Equipment	
Name	ModbusEquipment01
Device	Modbus Equipment
Configuration	...
ScanRate	Medium

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Оборудование (Equipment)

Свойства оборудования

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Property Inspector

Equipment	
Name	ModbusEquipment01
Device	Modbus Equipment
Configuration	
ScanRate	Medium

Maximum length is [32] characters (A-Z, a-z, 0-9 and _). Must start with a letter.

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Имя оборудования (Name)

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Equipment	
Name	ModbusEquipment01
Device	Modbus Equipment
Configuration	...
ScanRate	Medium

Equipment Configuration

Equipment Address

Slave Equipment Address: 1 Dec

Communication Optimization

Preferred Frame Length: Maximum Possible

Variables

IEC61131 Syntax ☐

Double Word word order: High word first

ASCII Display byte order: Low byte first

OK Cancel Help

State: 0

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

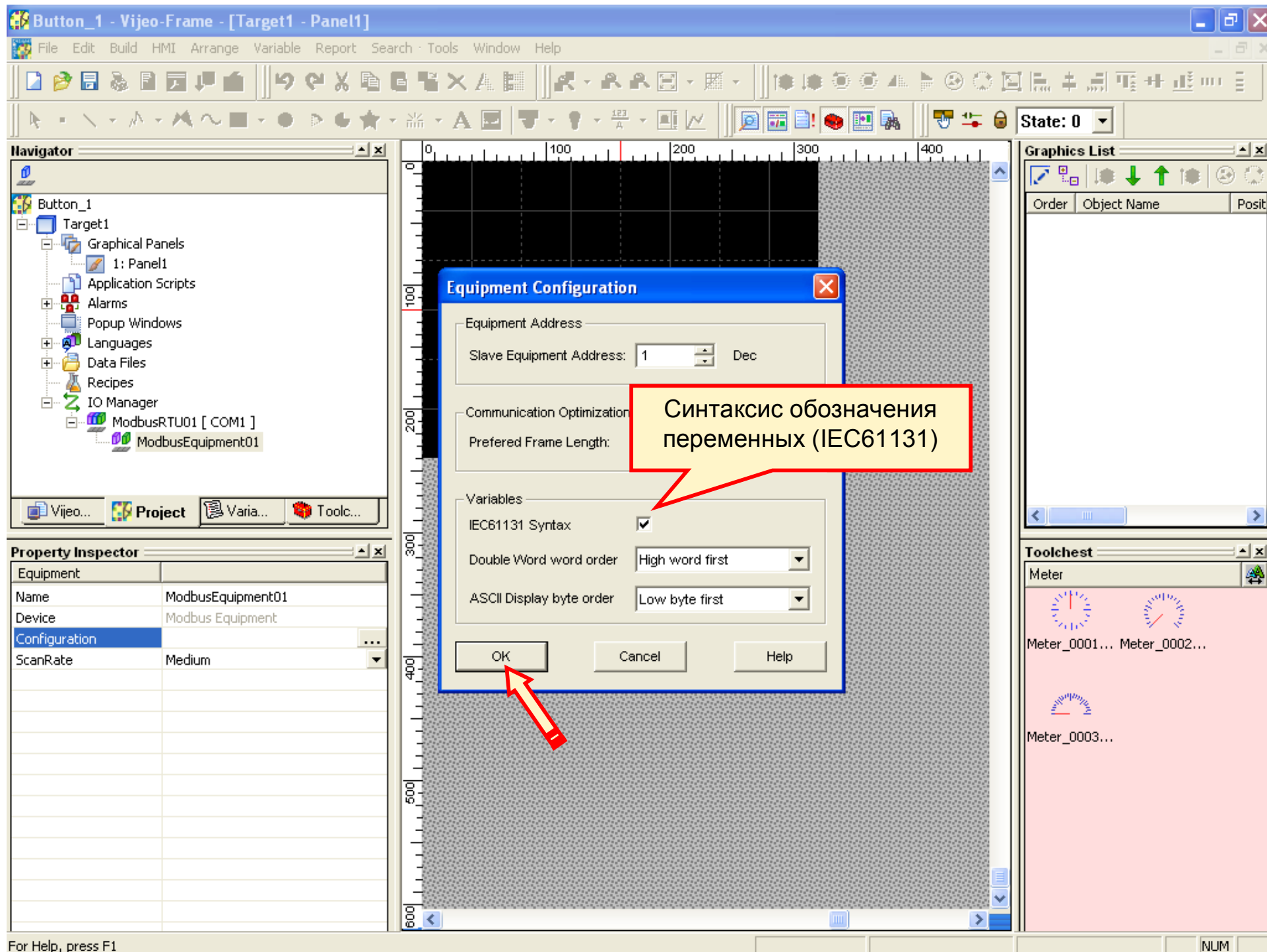
Meter_0001... Meter_0002...

Meter_0003...

NUM

For Help, press F1

Конфигурация оборудования (Equipment Configuration)



Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
+ Download	Serial
+ Output Mode	
Background Control	<input type="checkbox"/>
Function Keys	...
+ Alarm Banner	Disabled

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

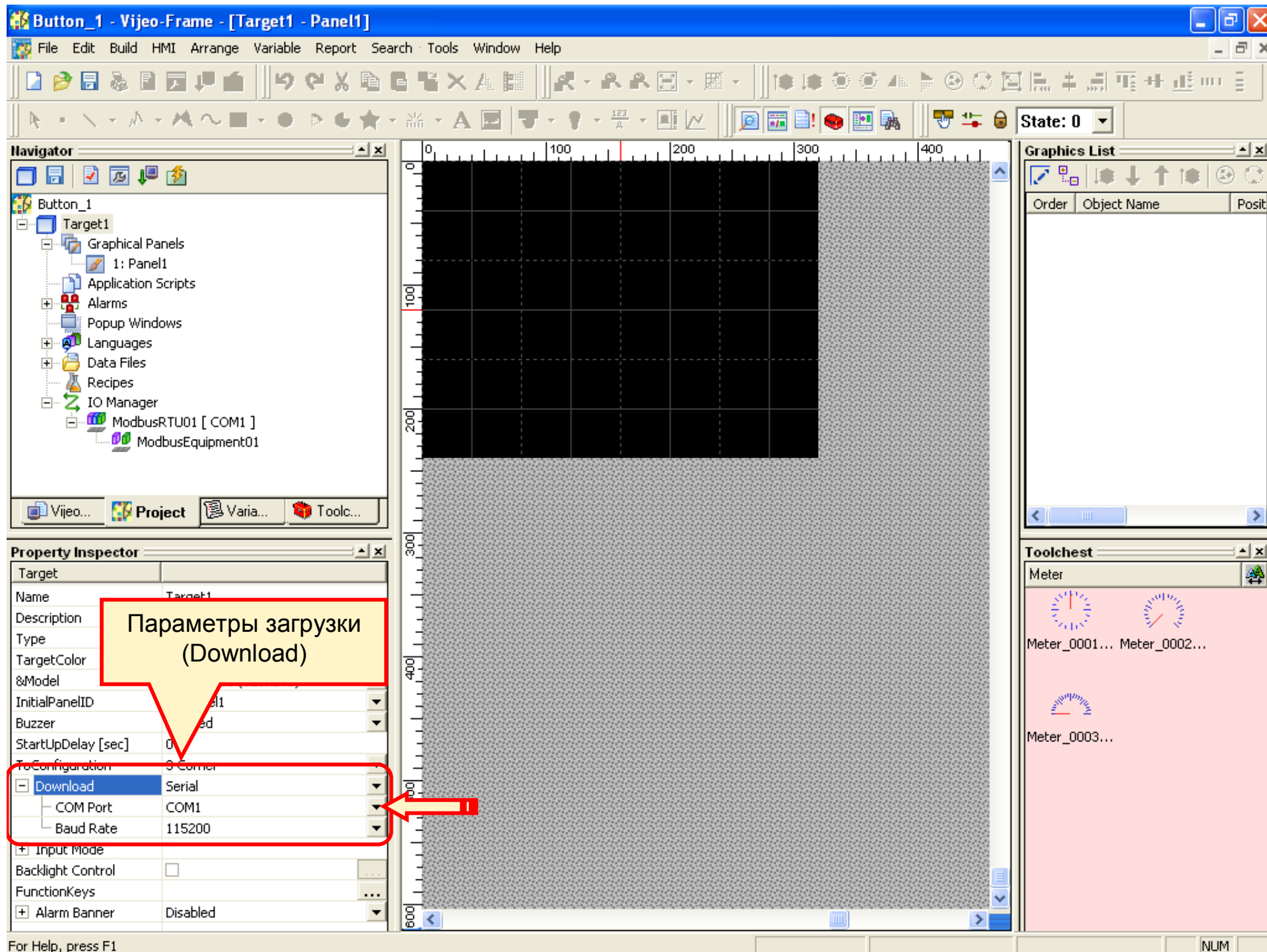
Meter_0003...

Мишень 1 (Target1)

Свойства мишени 1

For Help, press F1

NUM



Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia... Toolc...

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	COM1
&Model	COM2
InitialPanelID	COM3
Buzzer	COM4
StartUpDelay [sec]	COM5
ToConfiguration	COM6
Download	COM7
COM Port	COM8
Baud Rate	COM9
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	Disabled

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Список последовательных портов (COM Port)

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

Clean All
Validate All
Build All F7
Clean Target
Validate Target
Build Target
Simulation
Start Device Simulation
Download All
Download Target
Options...

Navigator

- Button_1
 - Target
 - Gr...
 - Ap...
 - Ala...
 - Po...
 - La...
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia... Toolc...

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
[-] Download	
COM Port	Serial
Baud Rate	COM3
[+] Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
[+] Alarm Banner	
Disabled	

Builds all targets in the project

State: 0

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Группа команд меню компиляции (Build)

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
Download	Serial
COM Port	COM3
Baud Rate	115200
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	Disabled

Building All

Project: Button_1
Target: Target1
Status: Romizing

Progress

Cancel

Compiling

Romizing

Calling romizer

Build

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia... Toolc...

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
Download	Serial
COM Port	COM3
Baud Rate	115200
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	Disabled

Feedback Zone

Validation Complete

Generating Code

Compiling

Romizing

Calling romizer

Romizer successful

Build Complete

Target 'Target1' - HMI: Project 18 KB, System 3 2

Build

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0002...

Meter_0003...

Okno обратной связи (Feedback Zone)

Отчет о результатах КОМПИЛЯЦИИ

For Help, press F1

X=343, Y=539 Zoom 100%

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

Clean All
Validate All
Build All F7

Clean Target
Validate Target
Build Target

Simulation
Start Device Simulation

Download All
Download Target

Options...

Navigator

- Button_1
 - Target
 - Gr...
 - Ap...
 - Ala...
 - Po...
 - La...
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia... Toolc...

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
Download	Serial
COM Port	COM3
Baud Rate	115200
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	Disabled

State: 0

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Feedback Zone

Validation Complete

Generating Code

Compiling

Romizing

Calling romizer

Romizer successful

Build Complete

Target 'Target1' - HMI: Project 18 KB, System 3 2

Build

Downloads the Project to the targets

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
Download	
COM Port	COM3
Baud Rate	115200
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	Disabled

Downloading All

Project: Button_1
Target:
Status: Building

Progress

Cancel

Target1 - HMI
Warning : Panel [Panel1] is empty.
Validation Complete - 1 Warning(s)
Generating Code

Build

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Окно прогресса загрузки
(Downloading All)

Предупреждение
(Warning)

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Target	
Name	Target1
Description	
Type	XBTGT1000 Series
TargetColor	8 Level Amber w/ Blink
&Model	XBTGT1100 (320x240)
InitialPanelID	1 : Panel1
Buzzer	Enabled
StartUpDelay [sec]	0
ToConfiguration	3 Corner
Download	
COM Port	COM3
Baud Rate	115200
Input Mode	
Backlight Control	<input type="checkbox"/>
FunctionKeys	...
Alarm Banner	
	Disabled

Feedback Zone

Press F4 to cycle through errors and warnings
Target 'Target1' - HMI: Project 18 KB, System 3 2
Downloading

Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete - 1 Warning(s)

Build

Graphics List

Order	Object Name	Posit
-------	-------------	-------

Toolchest

Meter

Meter_0002...

Meter_0003...

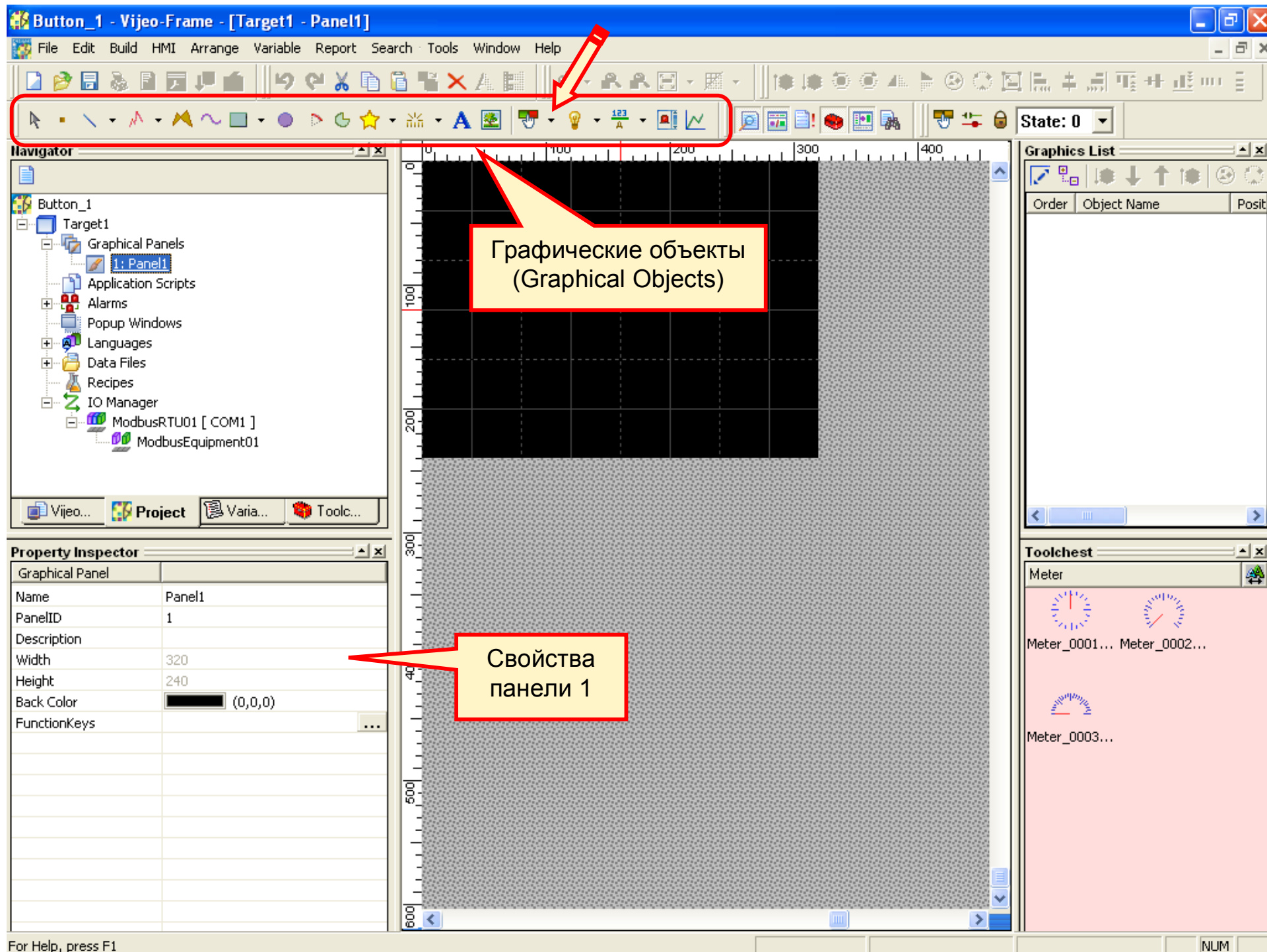
Okno обратной связи (Feedback Zone)

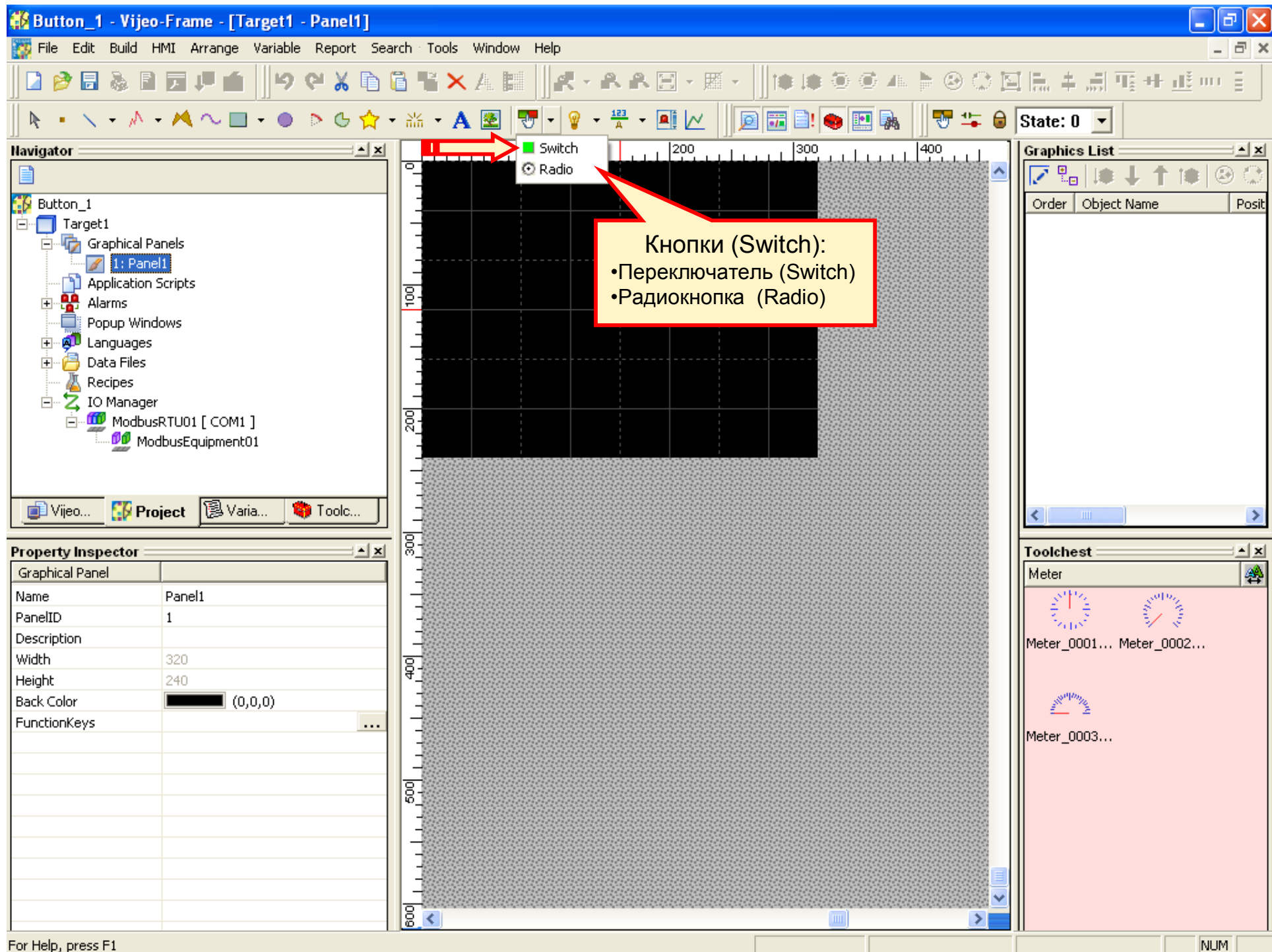
Отчет о результатах загрузки

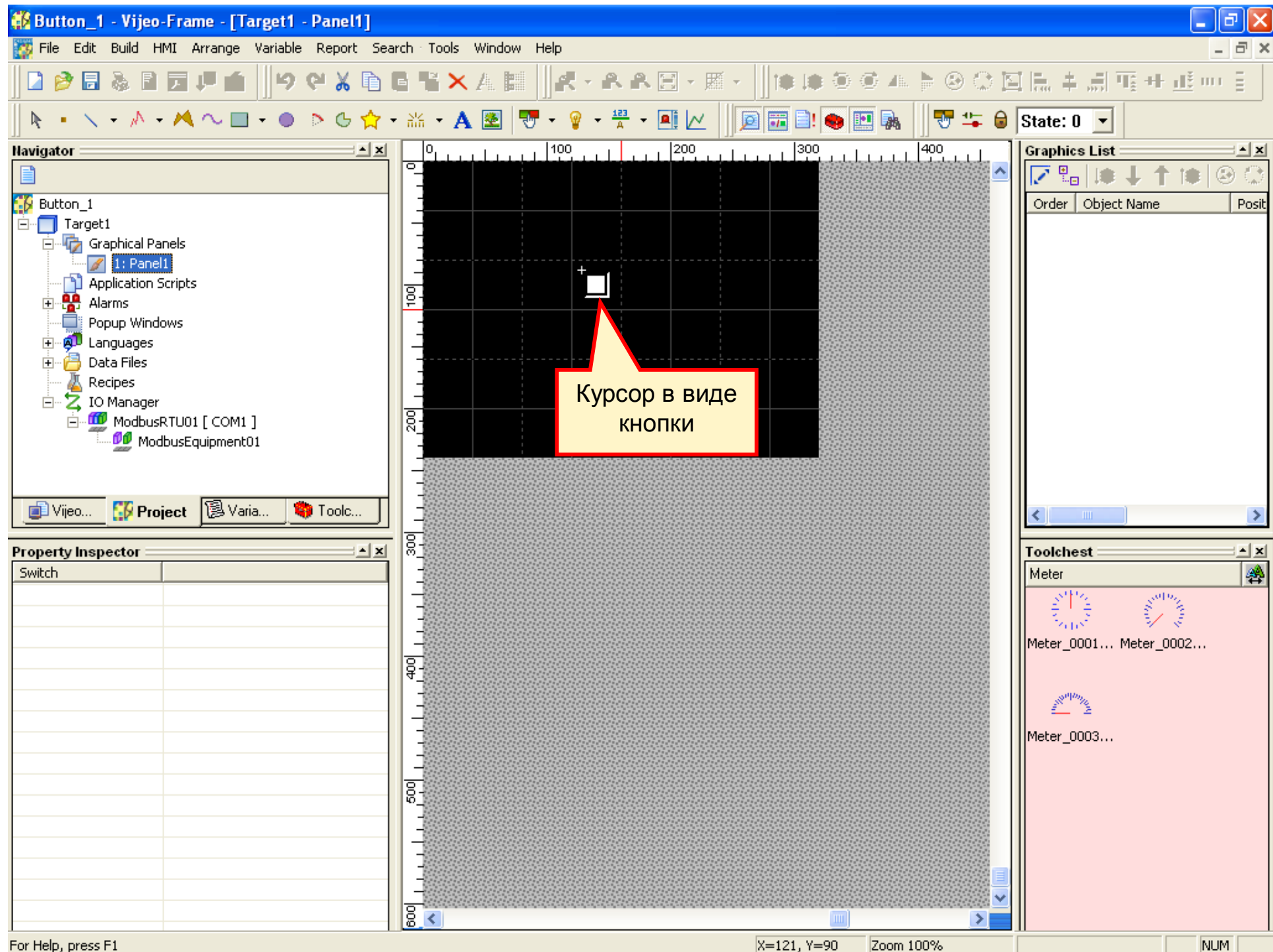
For Help, press F1

X=365, Y=505 Zoom 100%

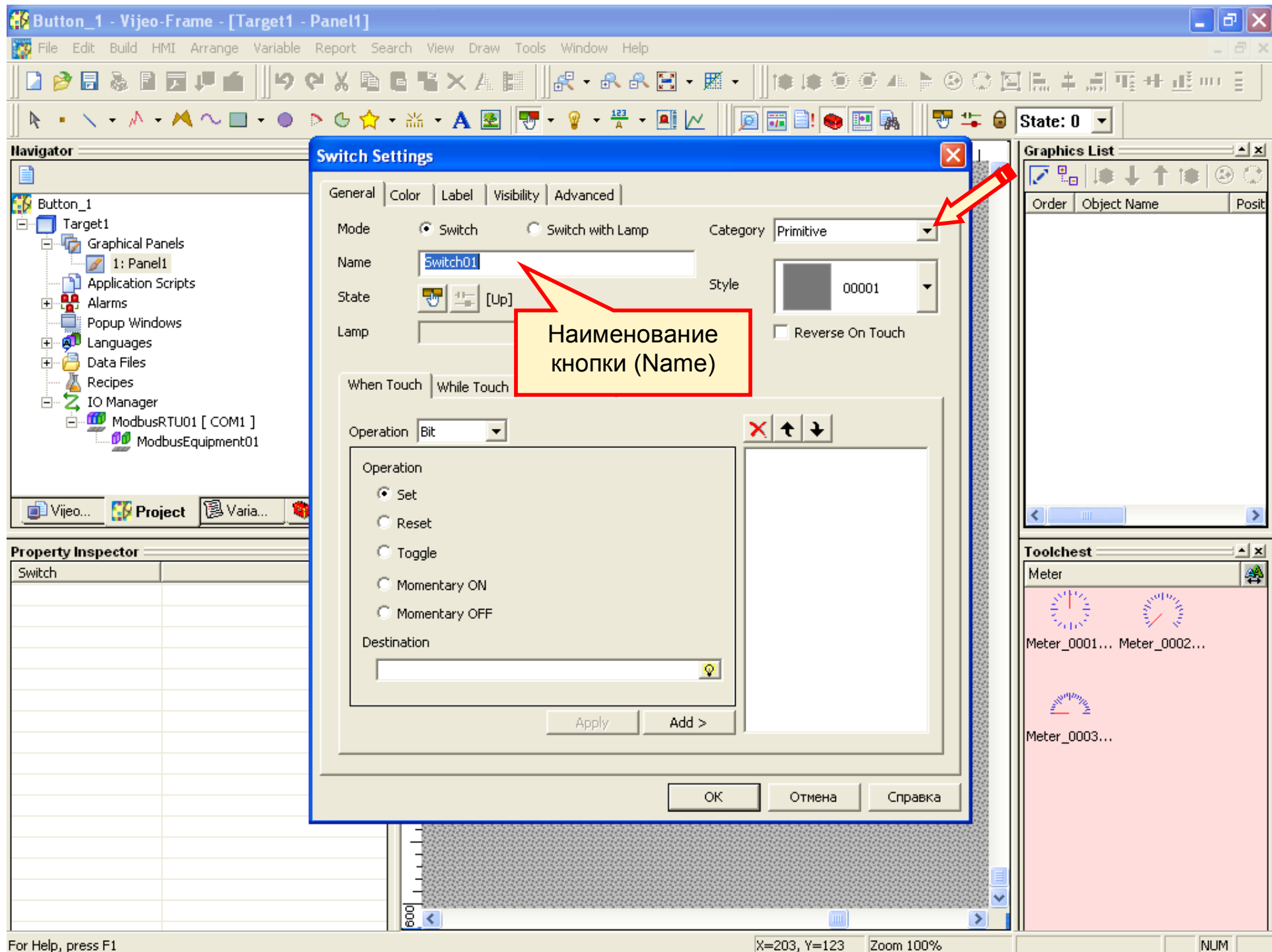
NUM

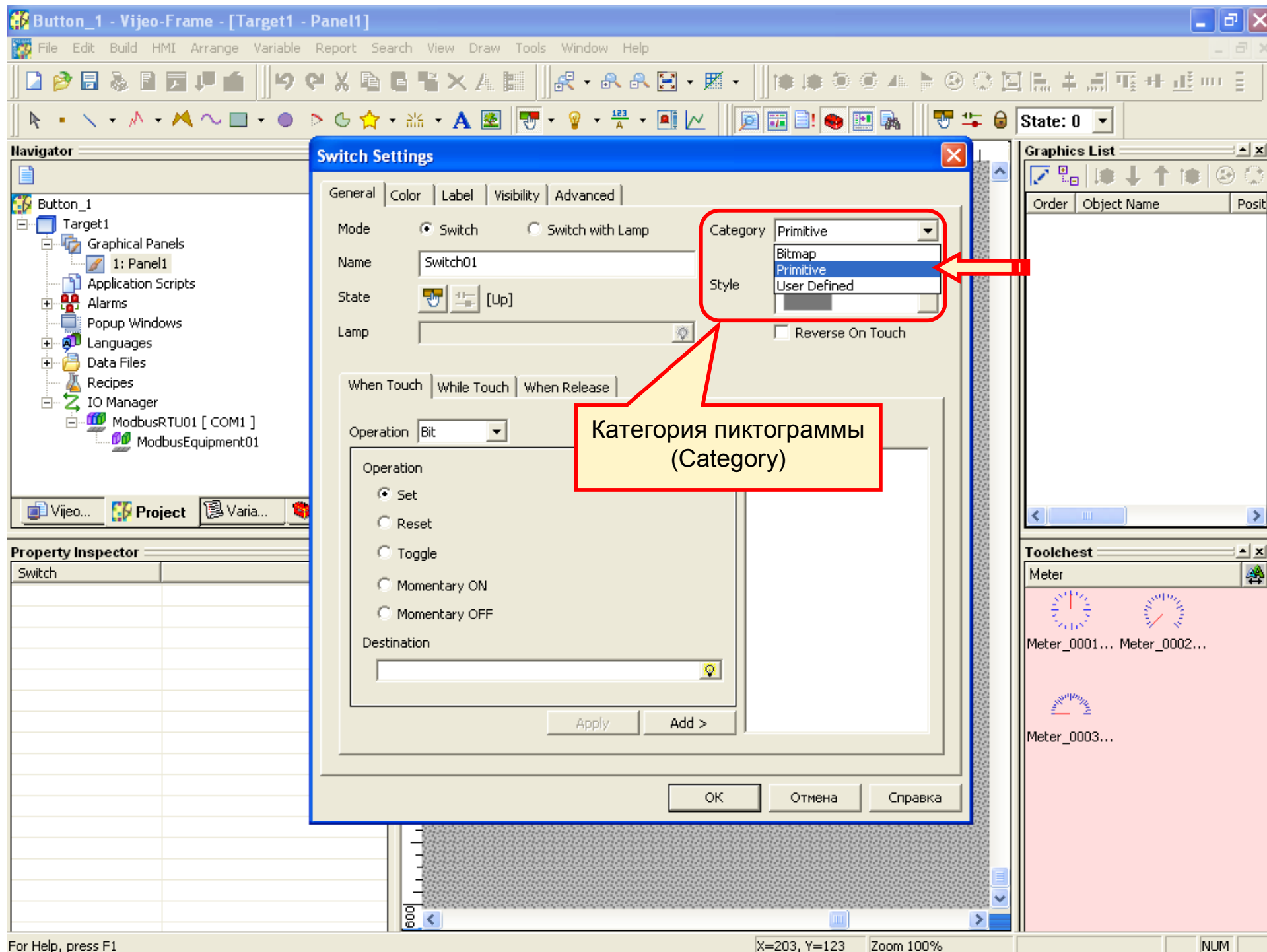


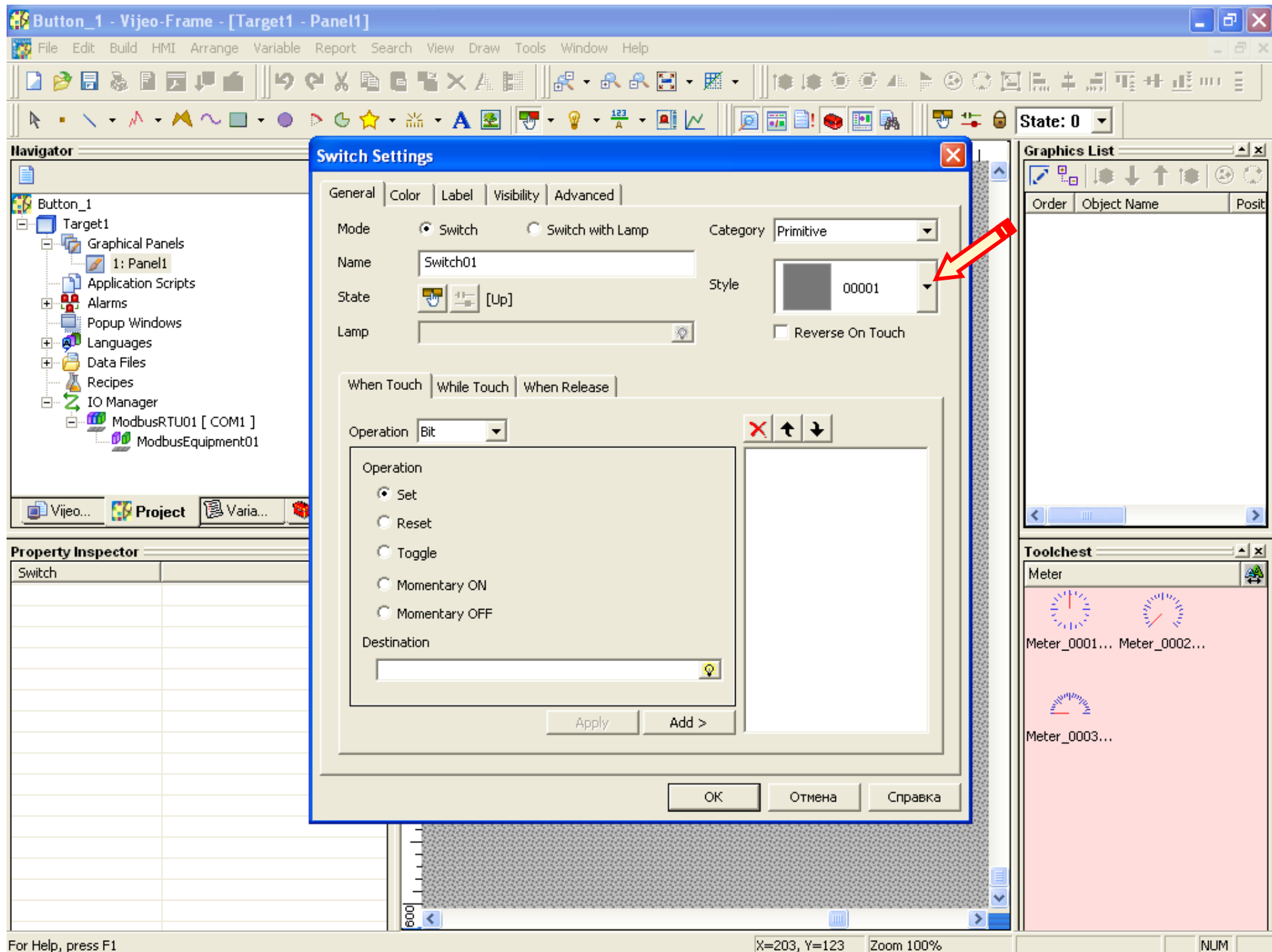


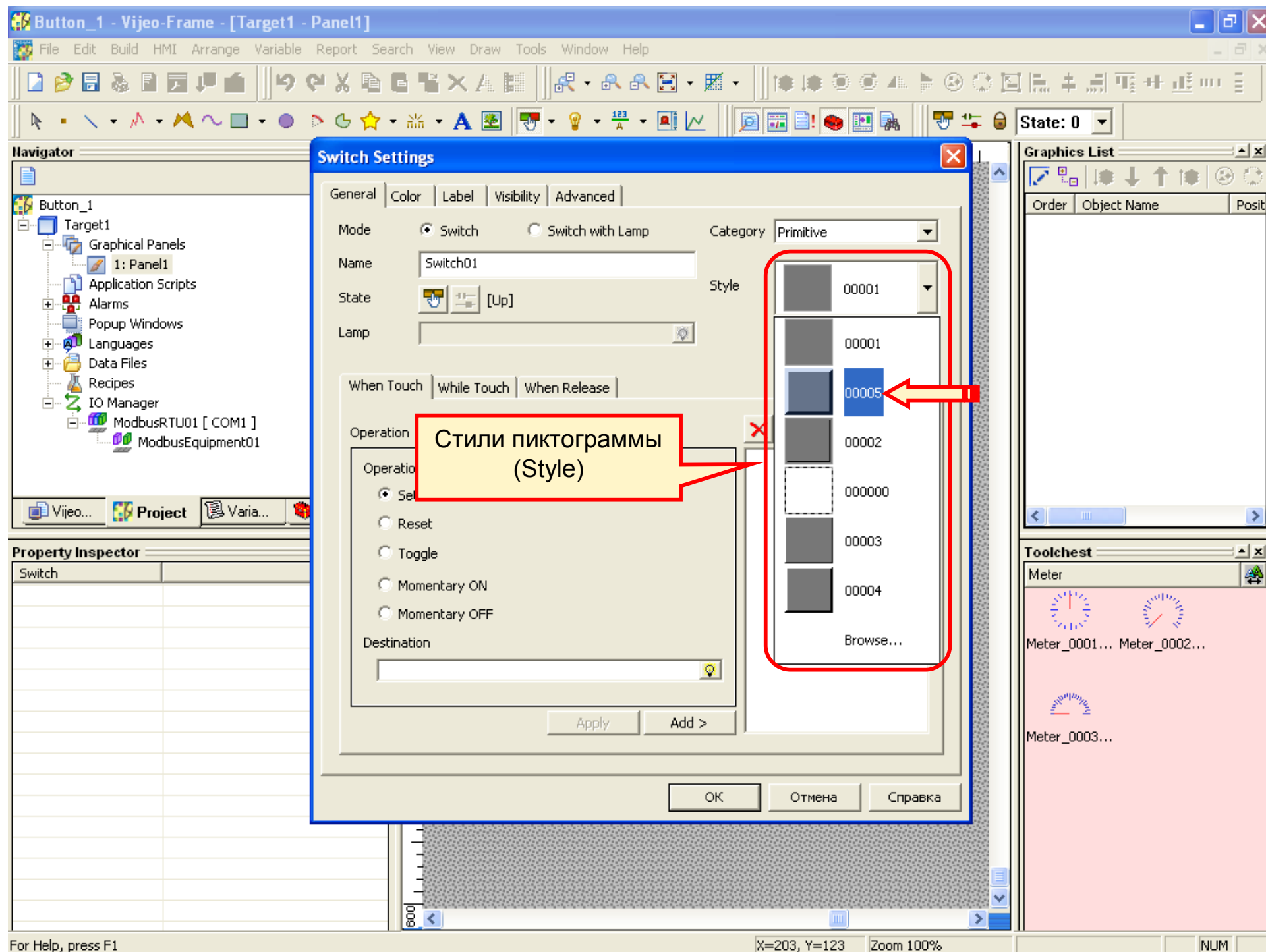


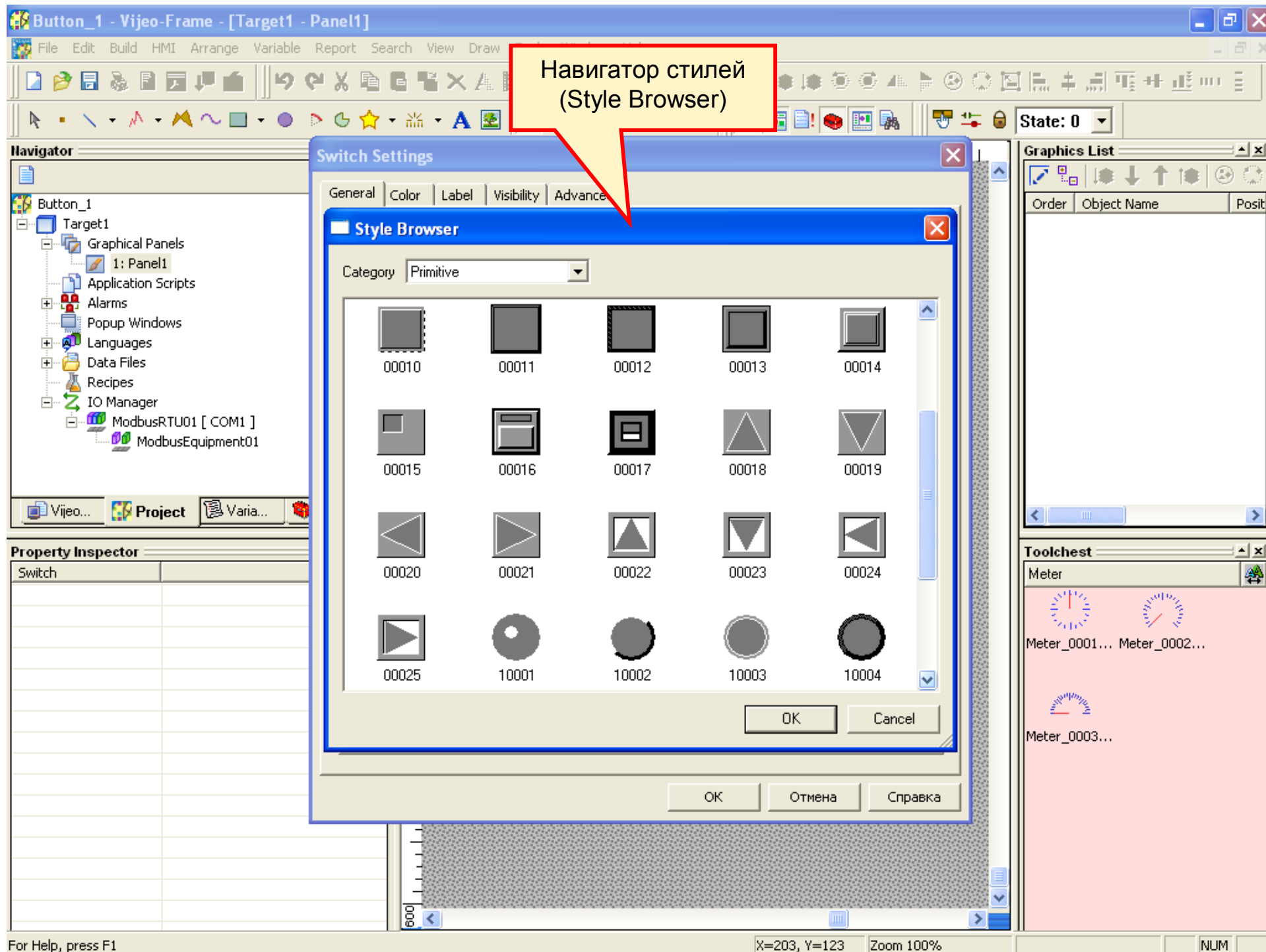


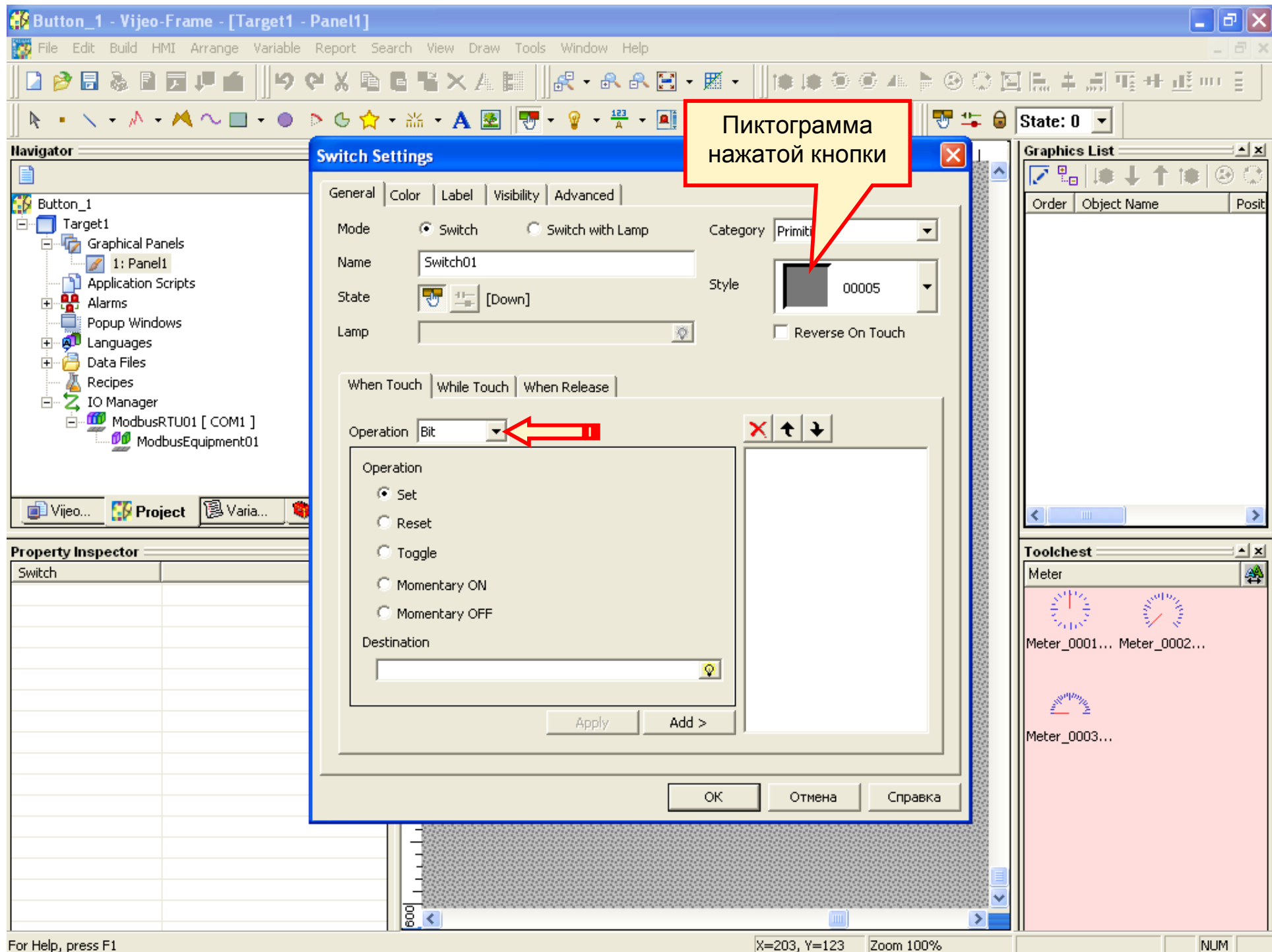


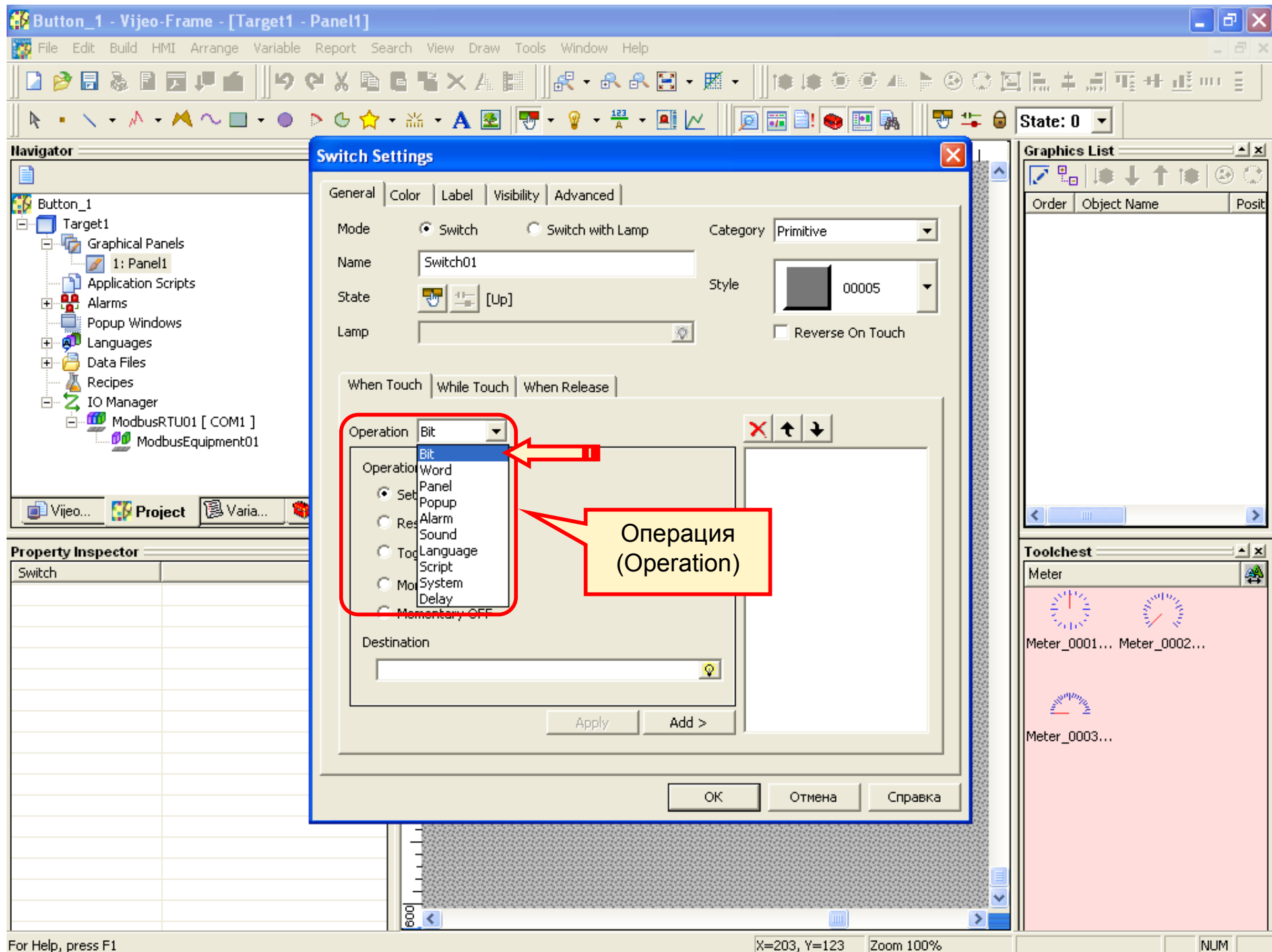


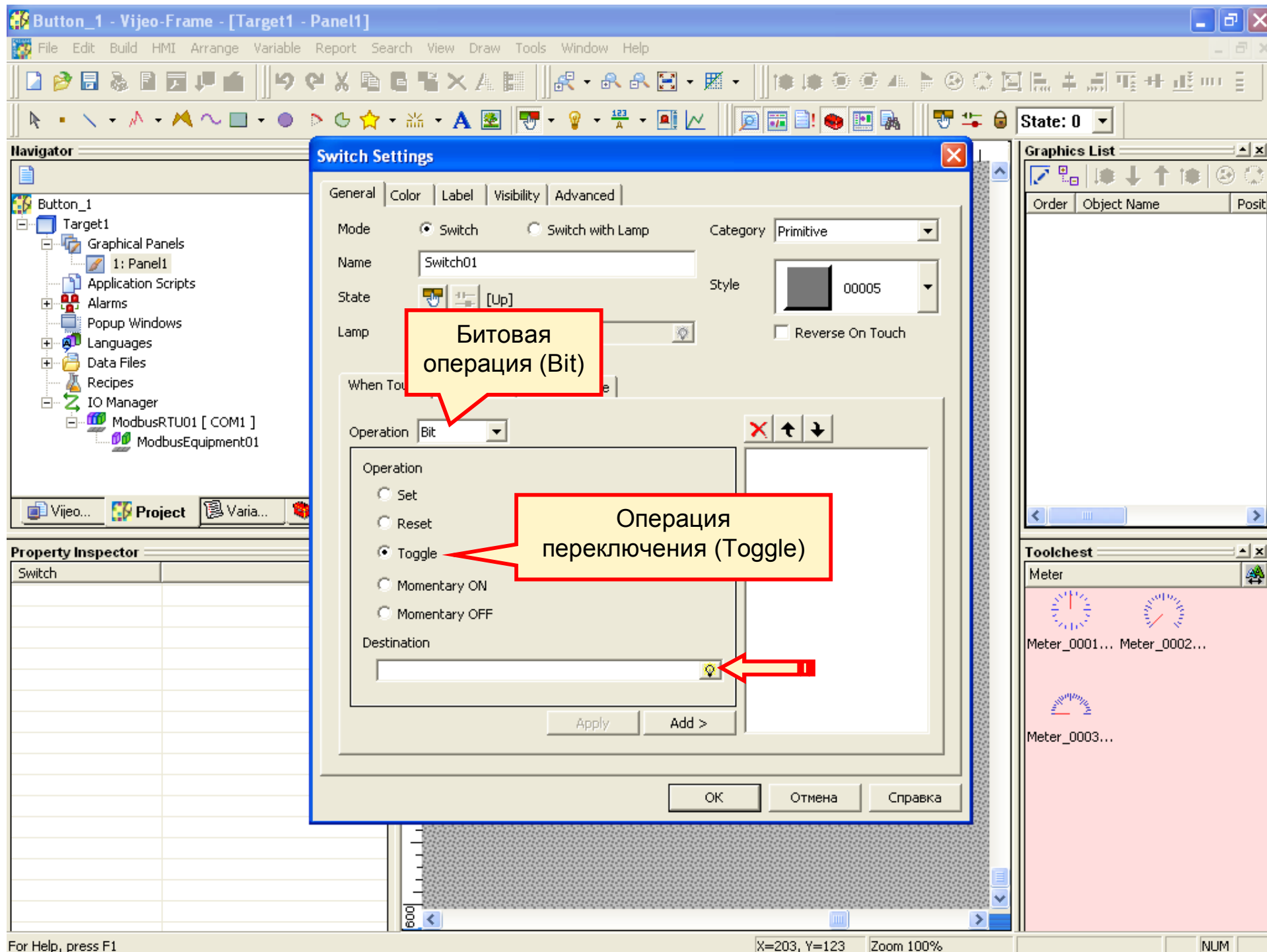


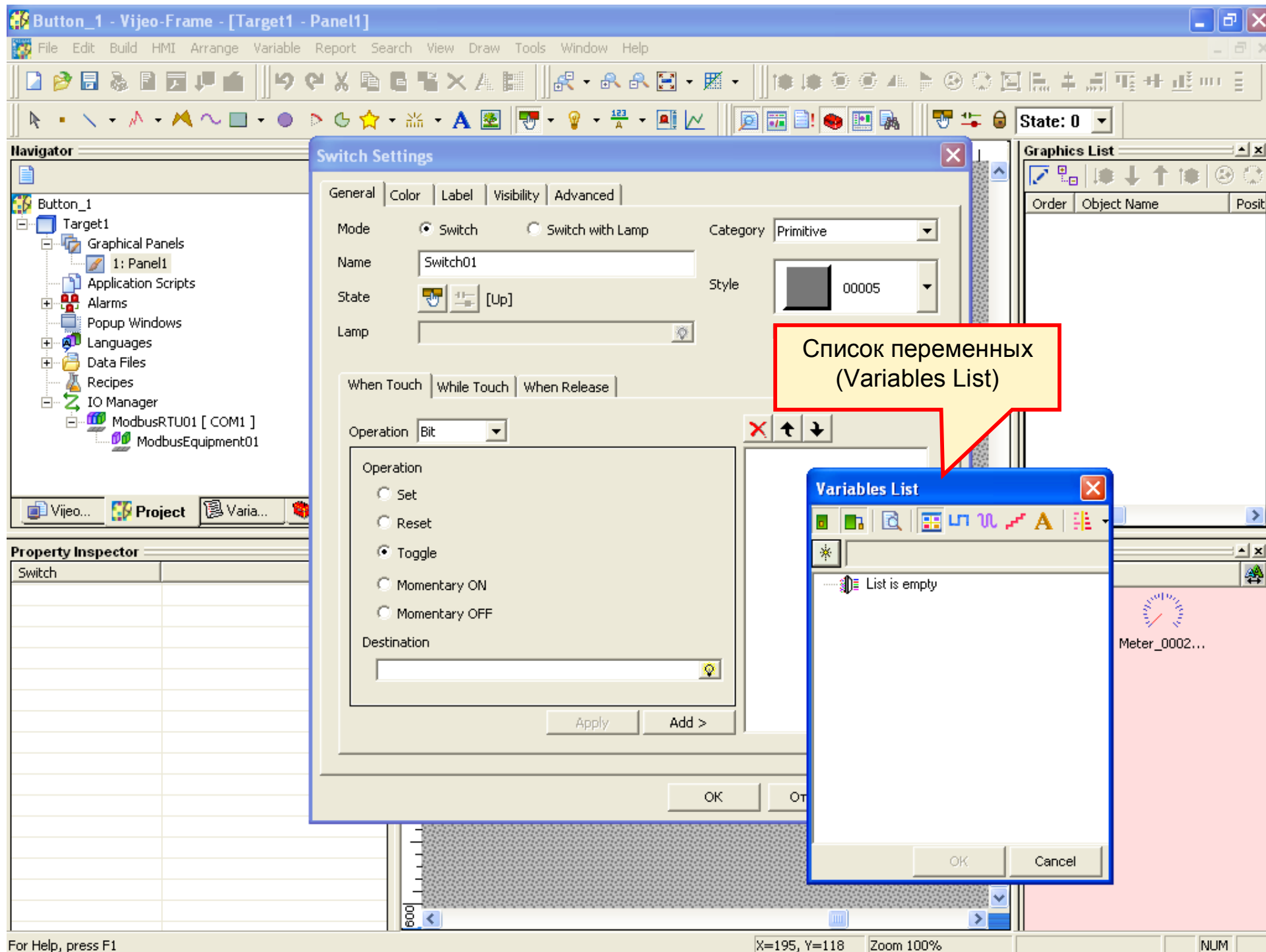


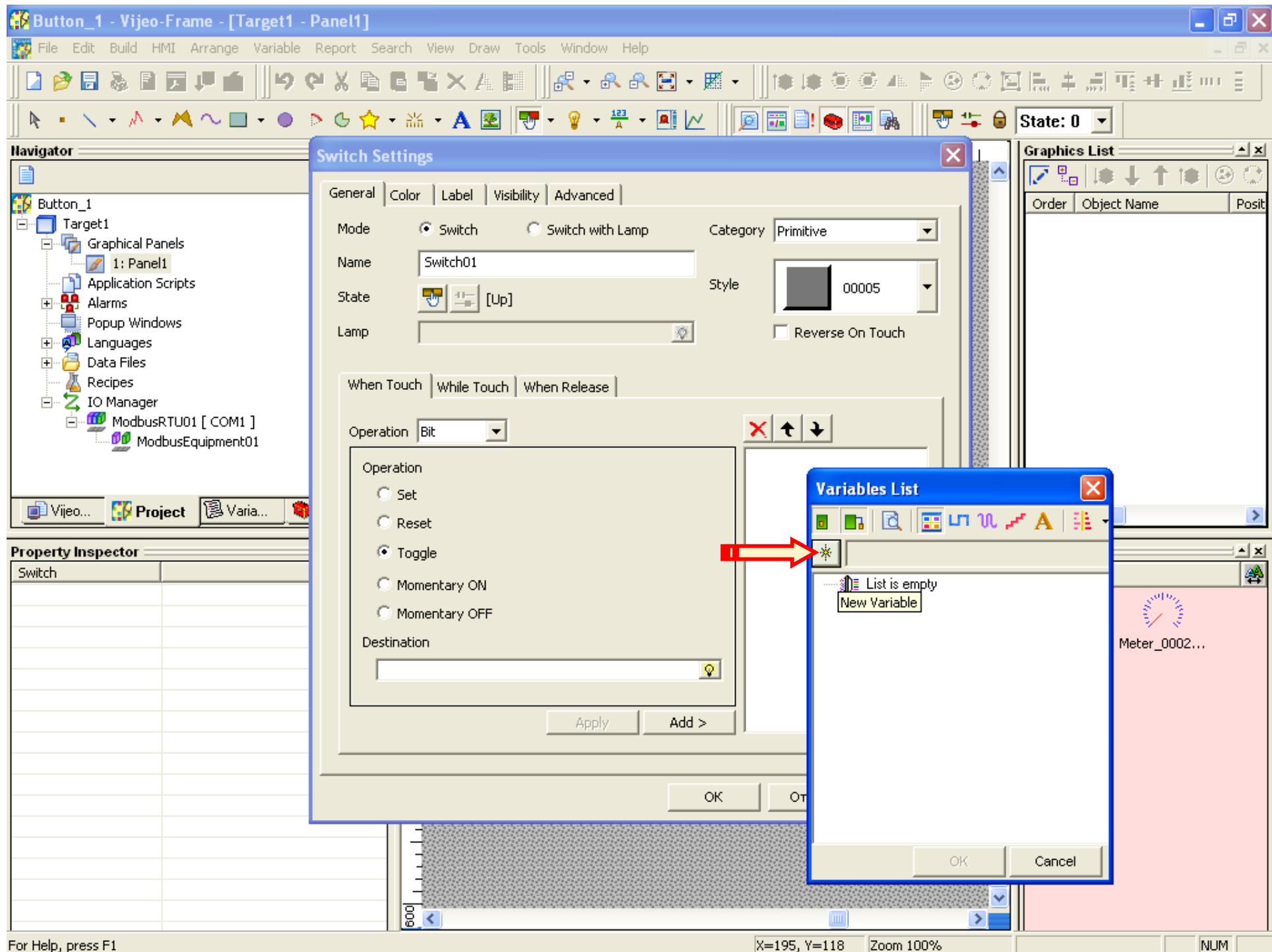


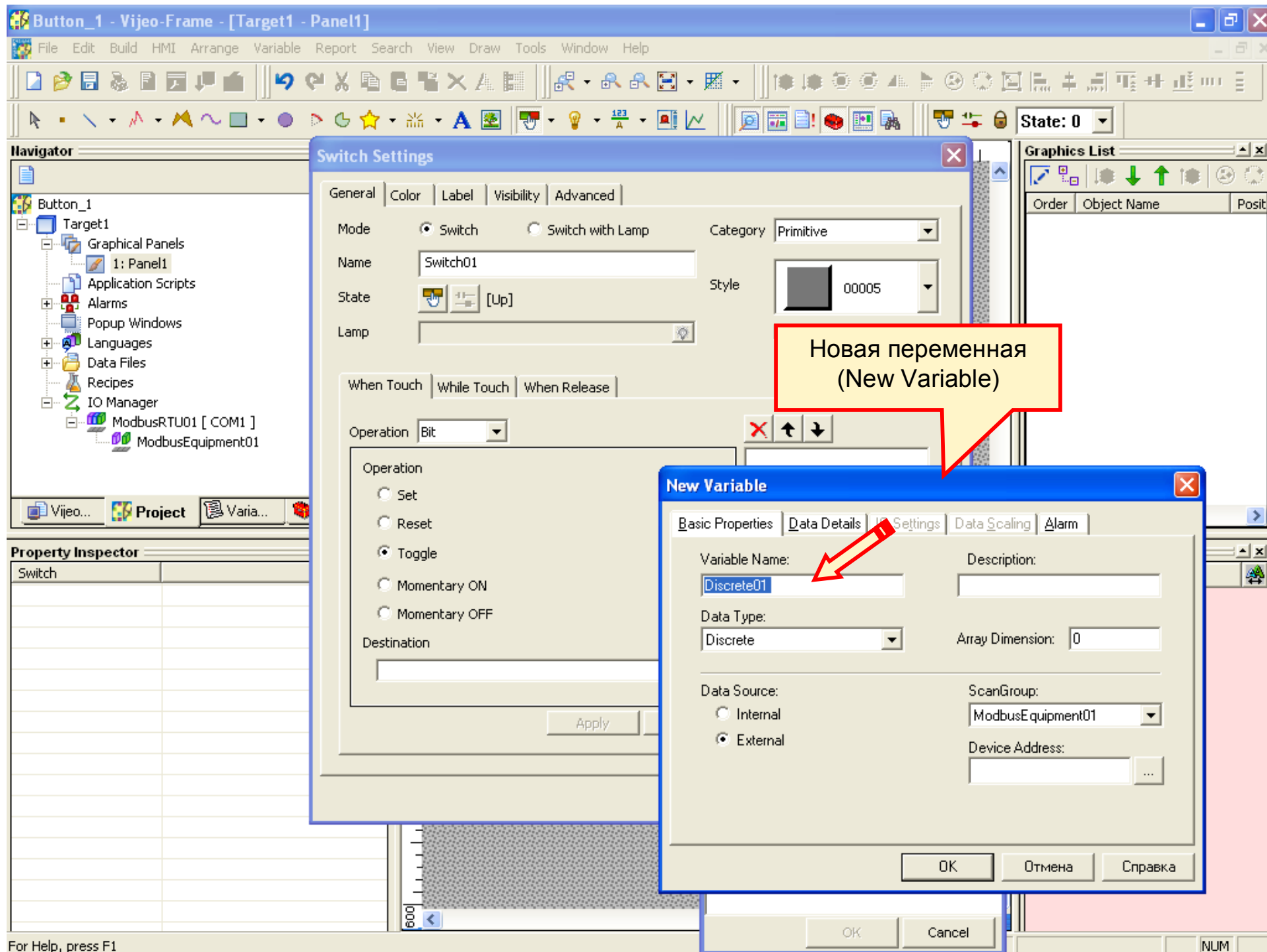


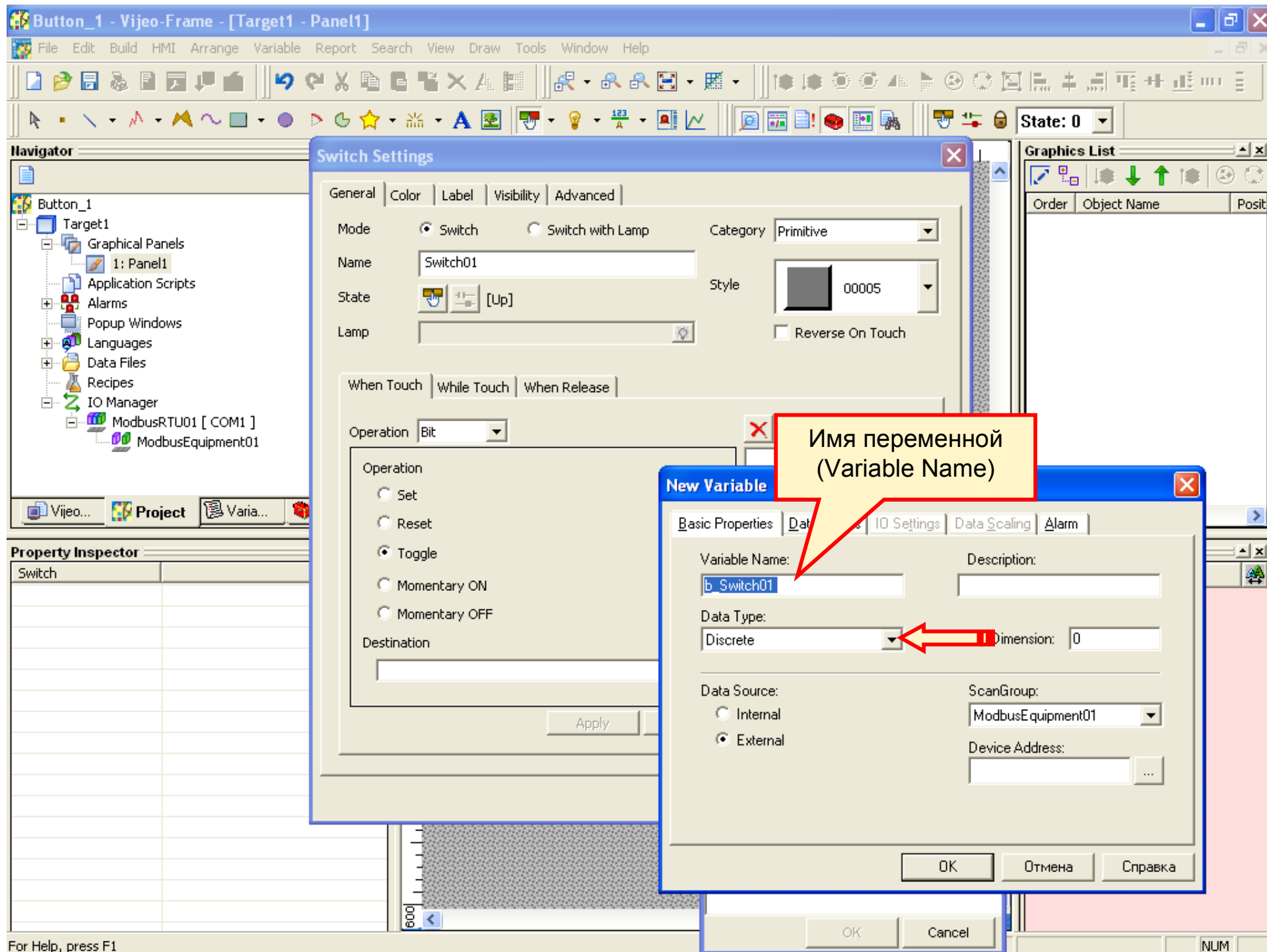


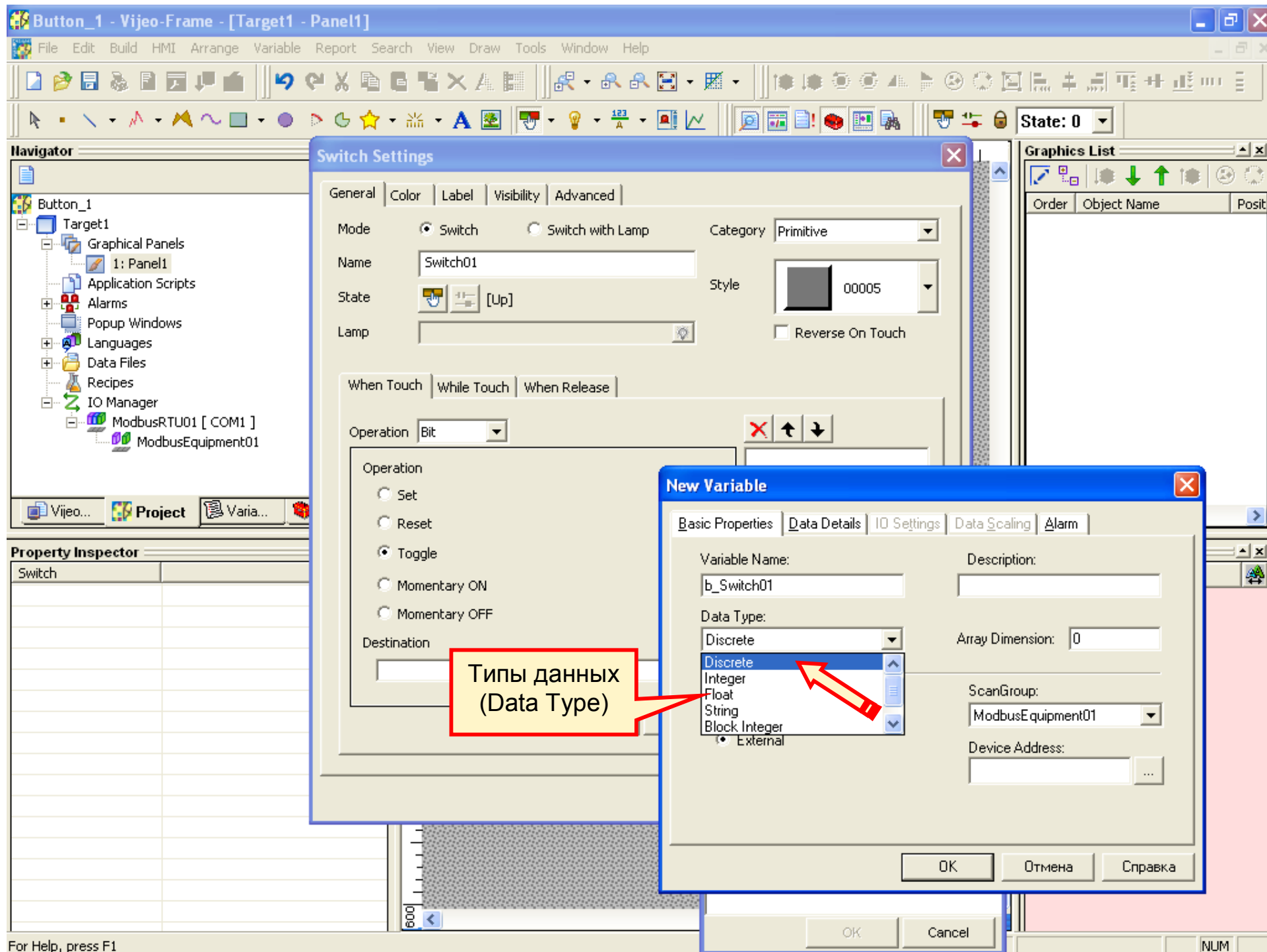


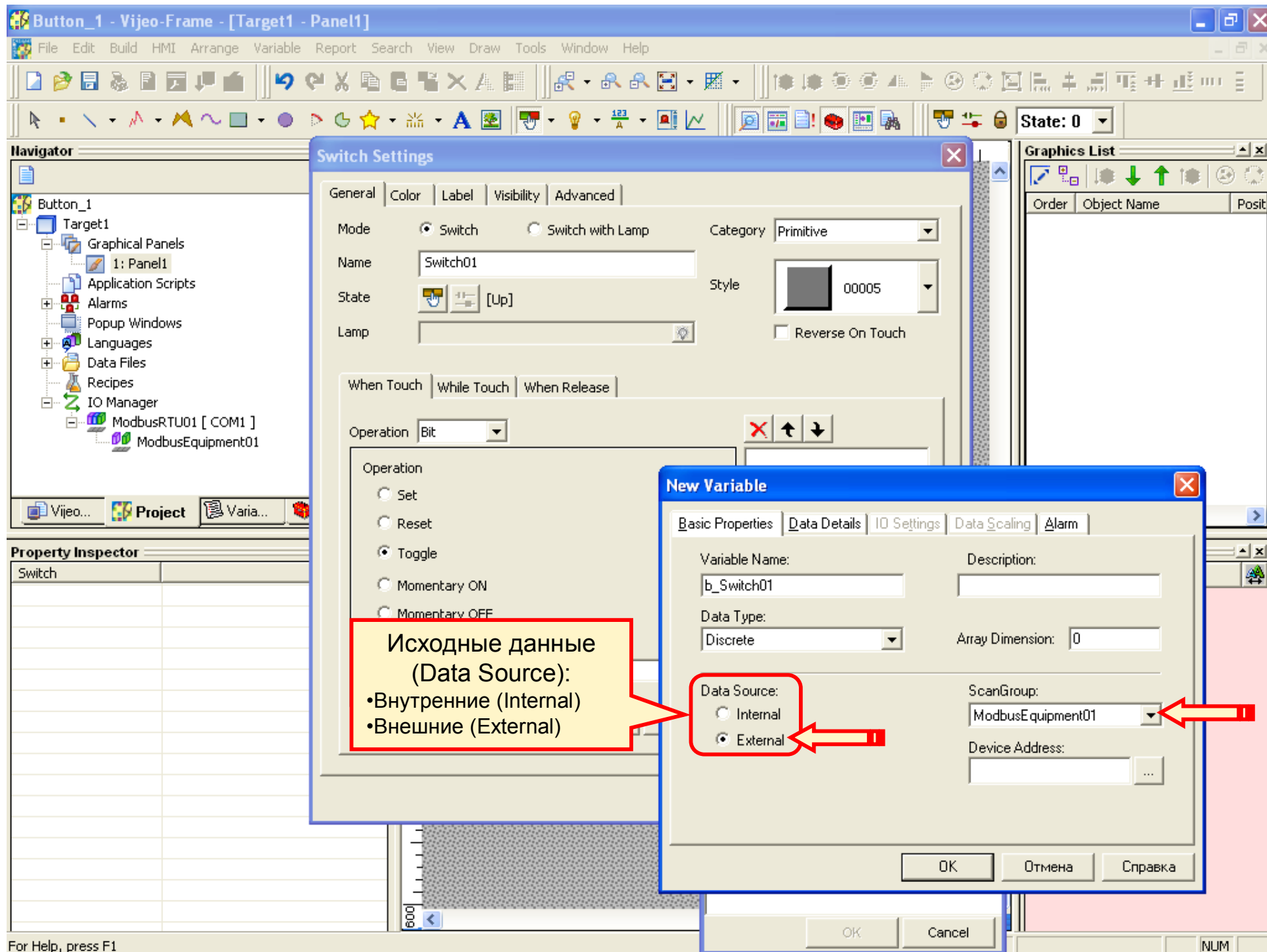


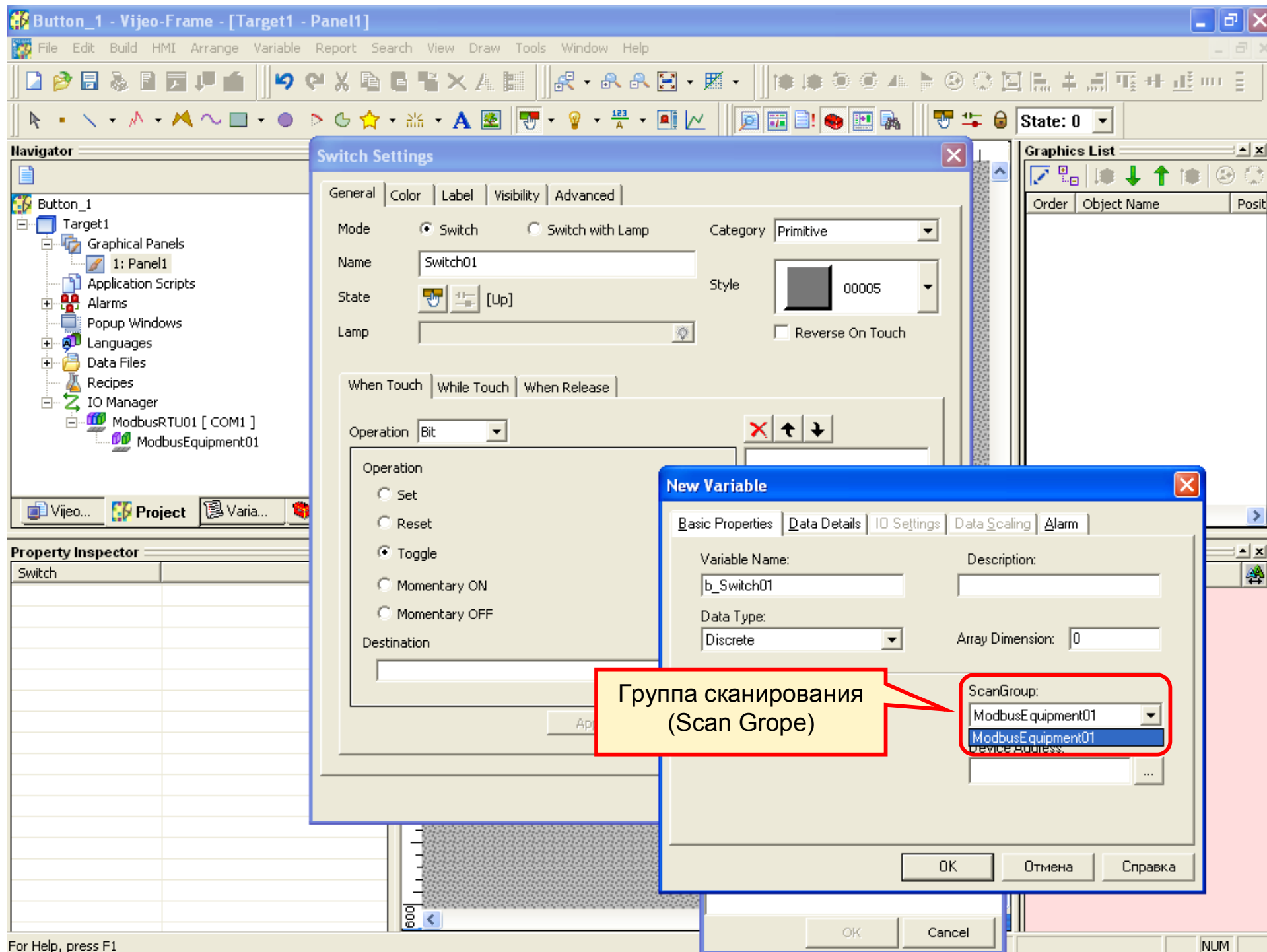


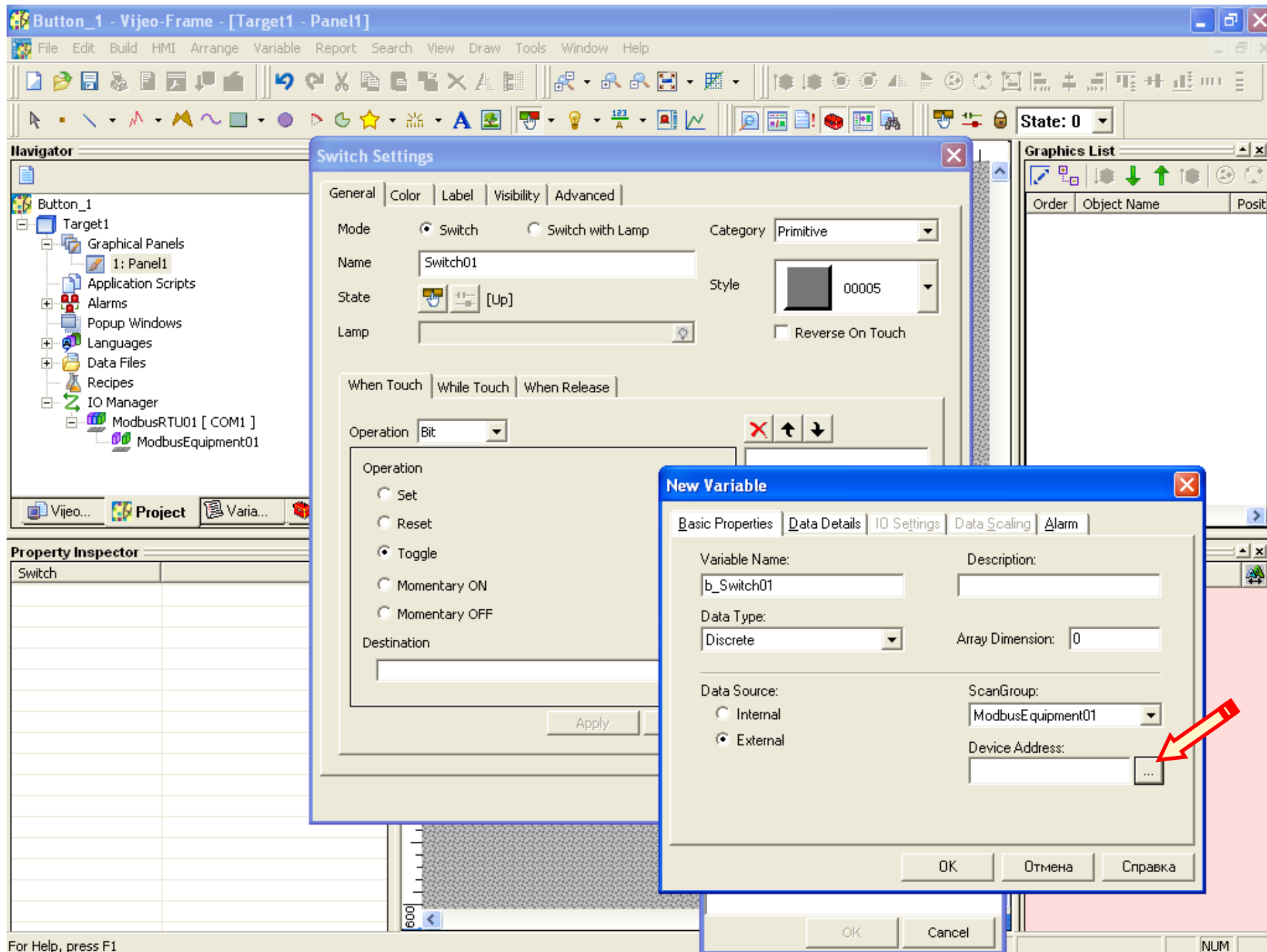


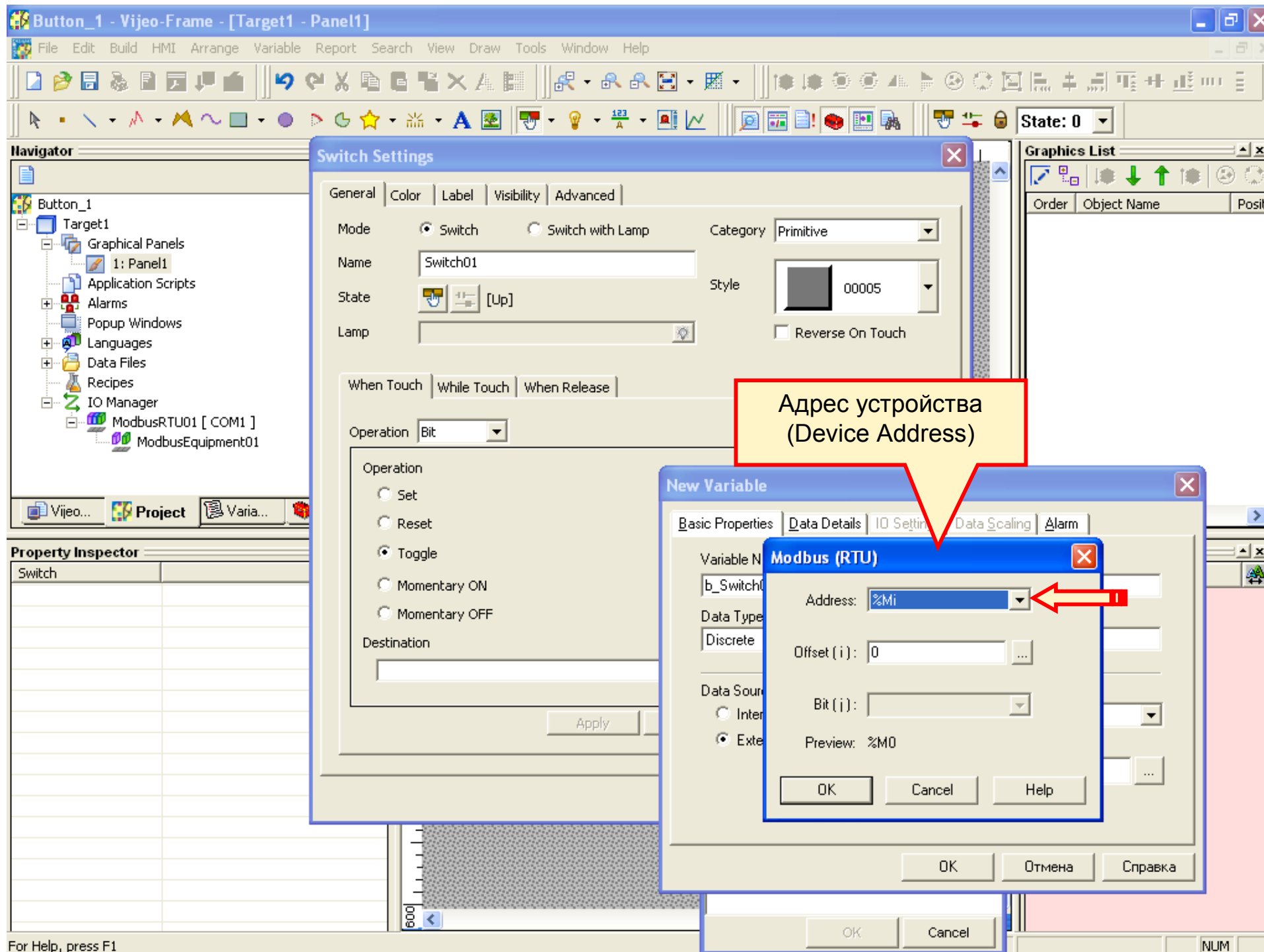


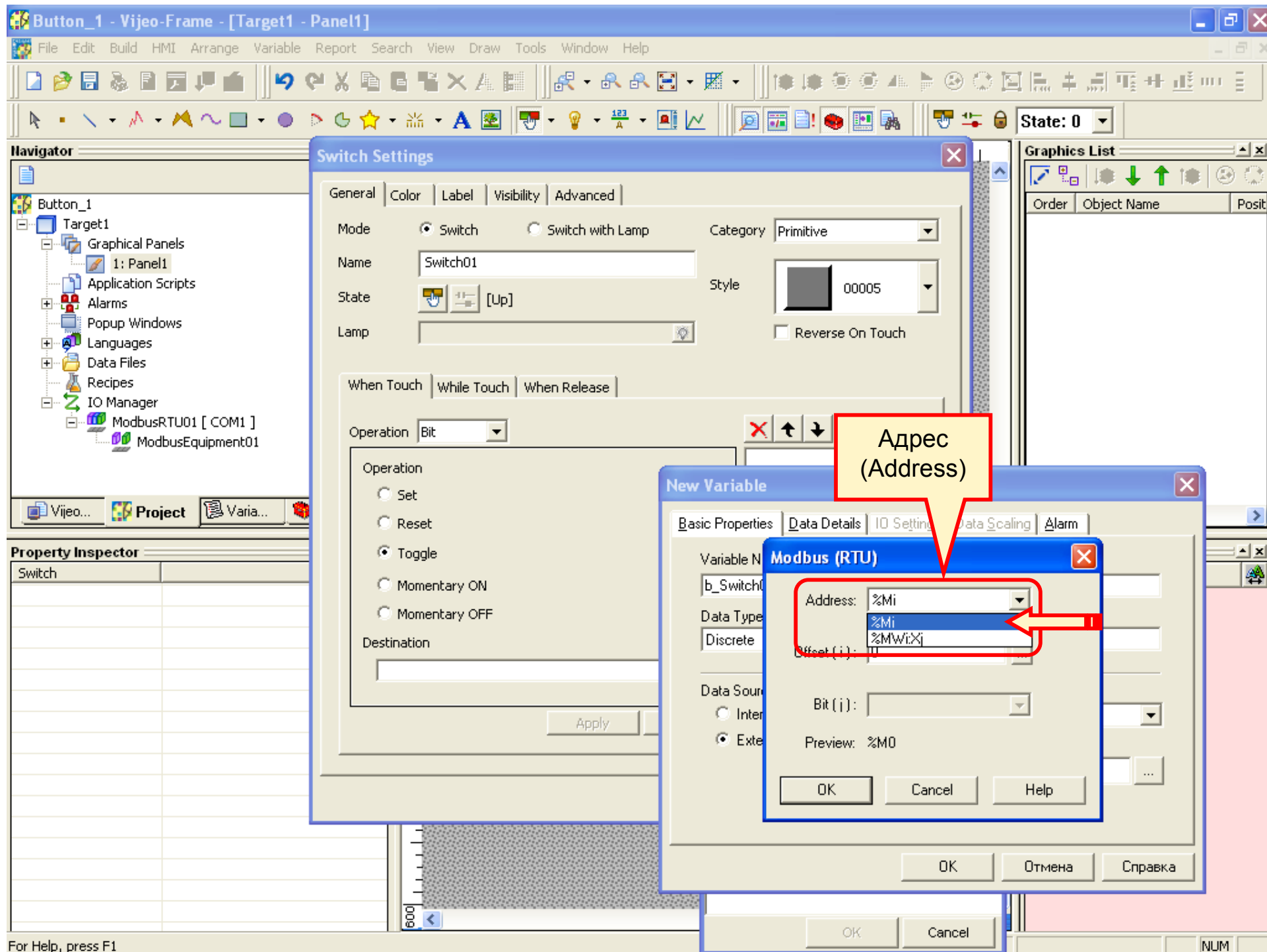


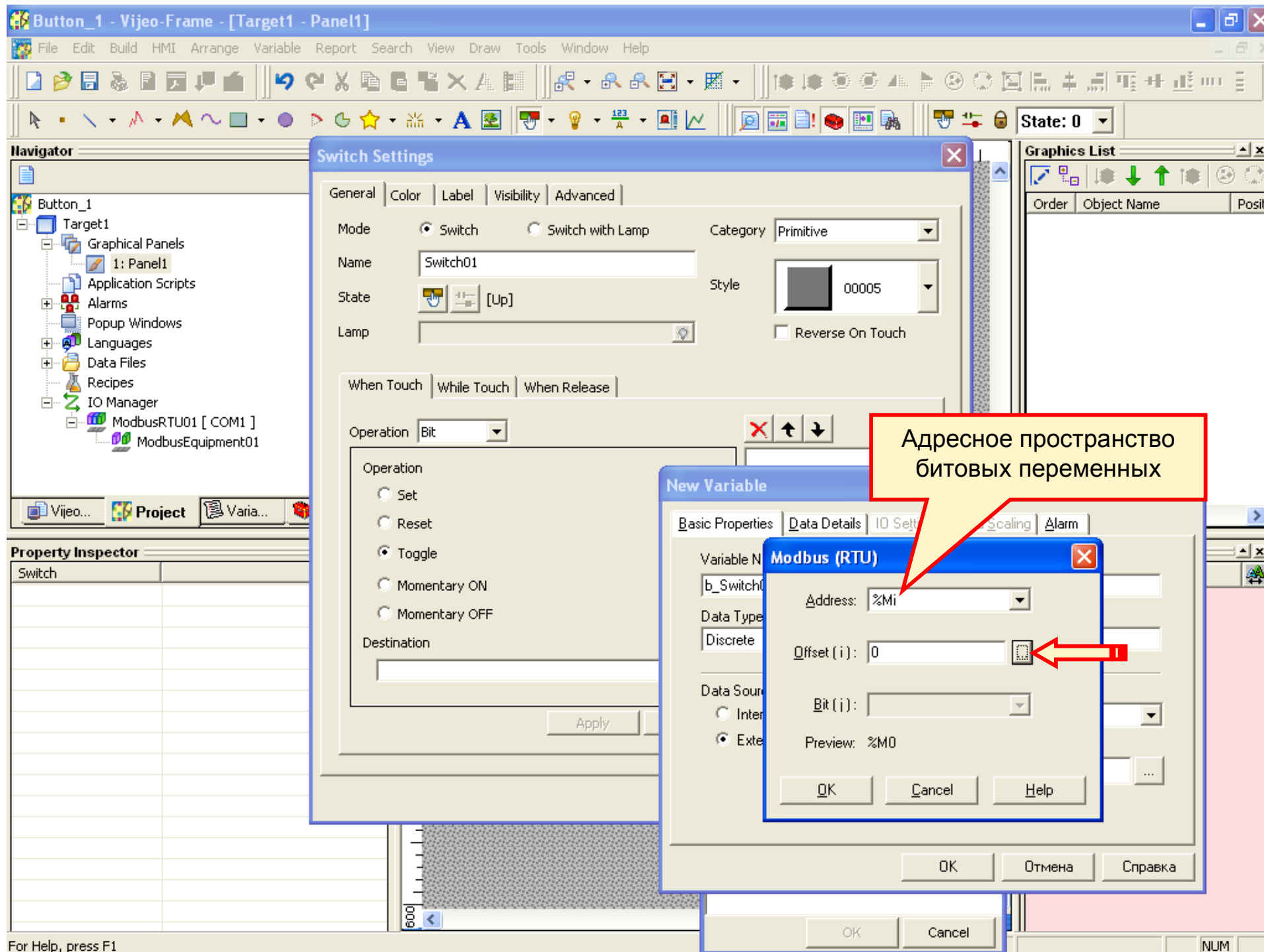


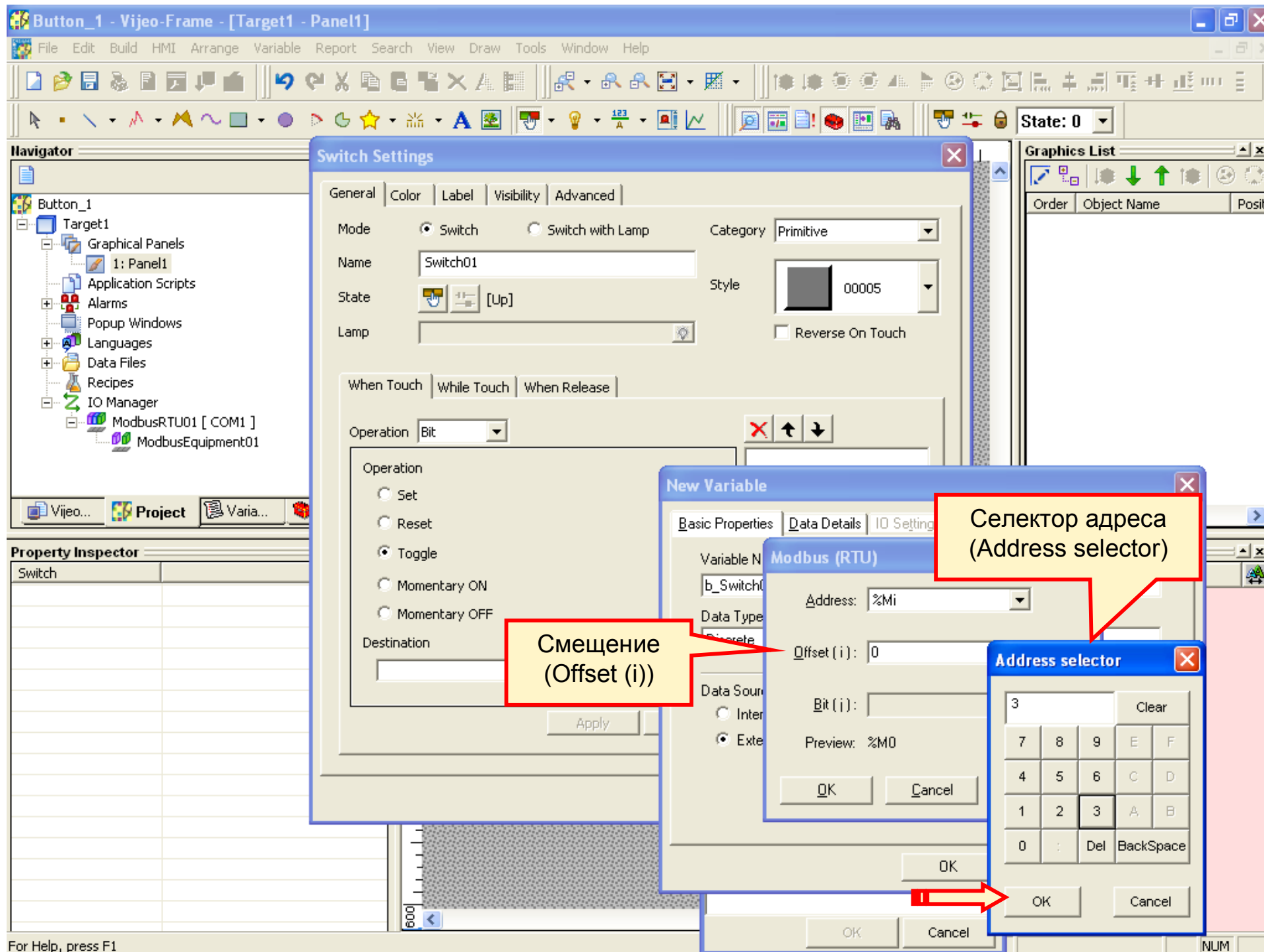


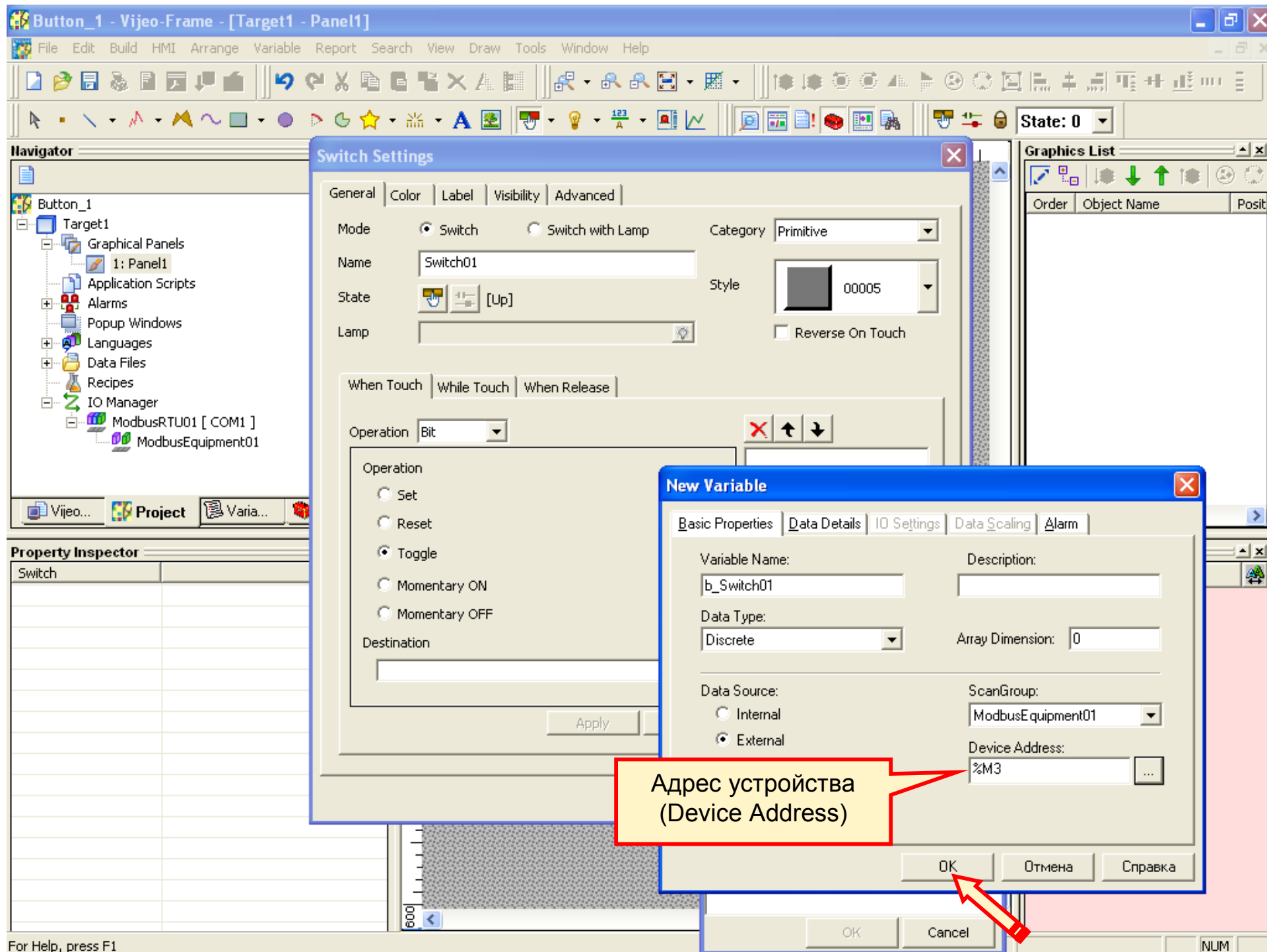


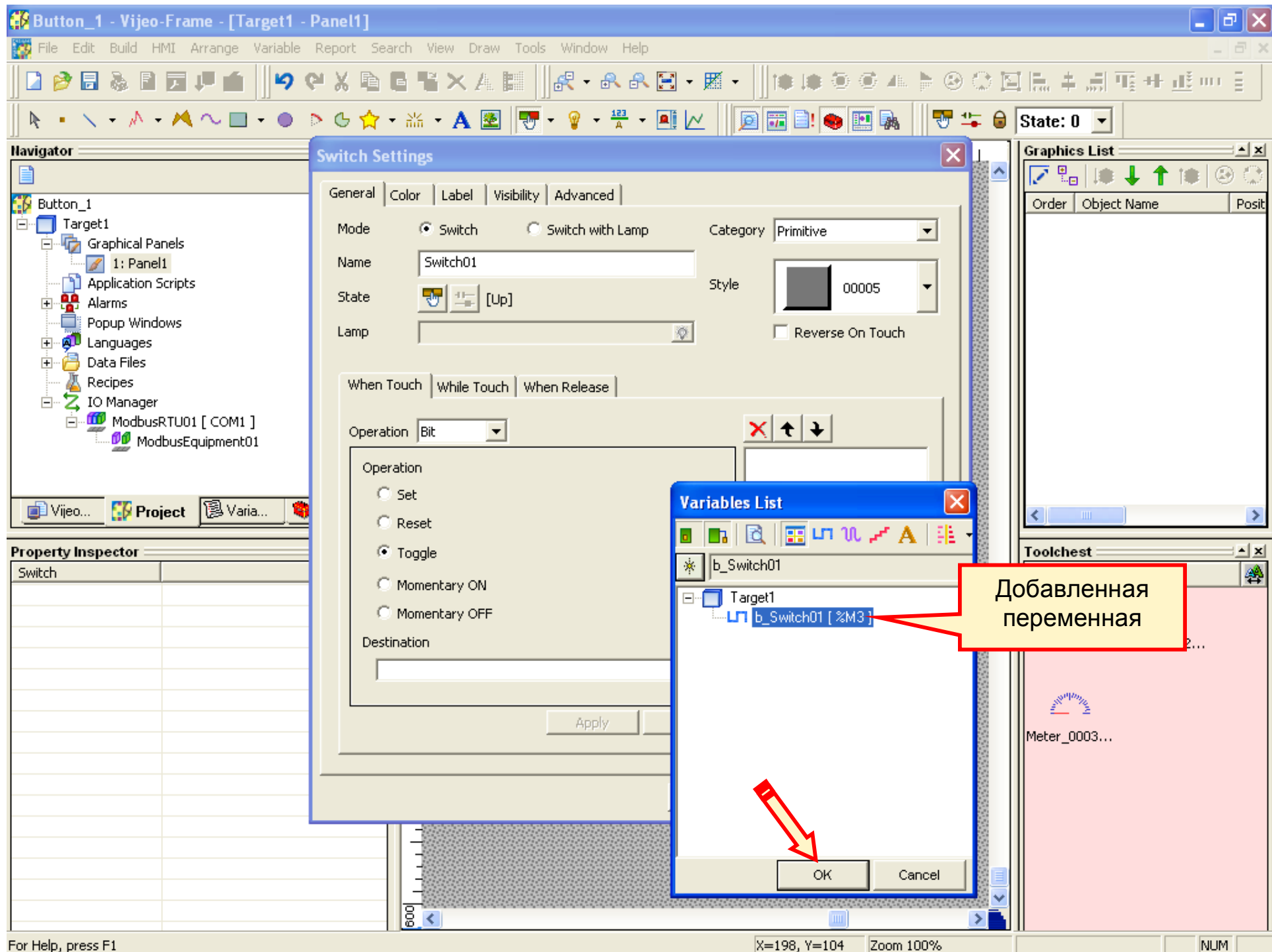


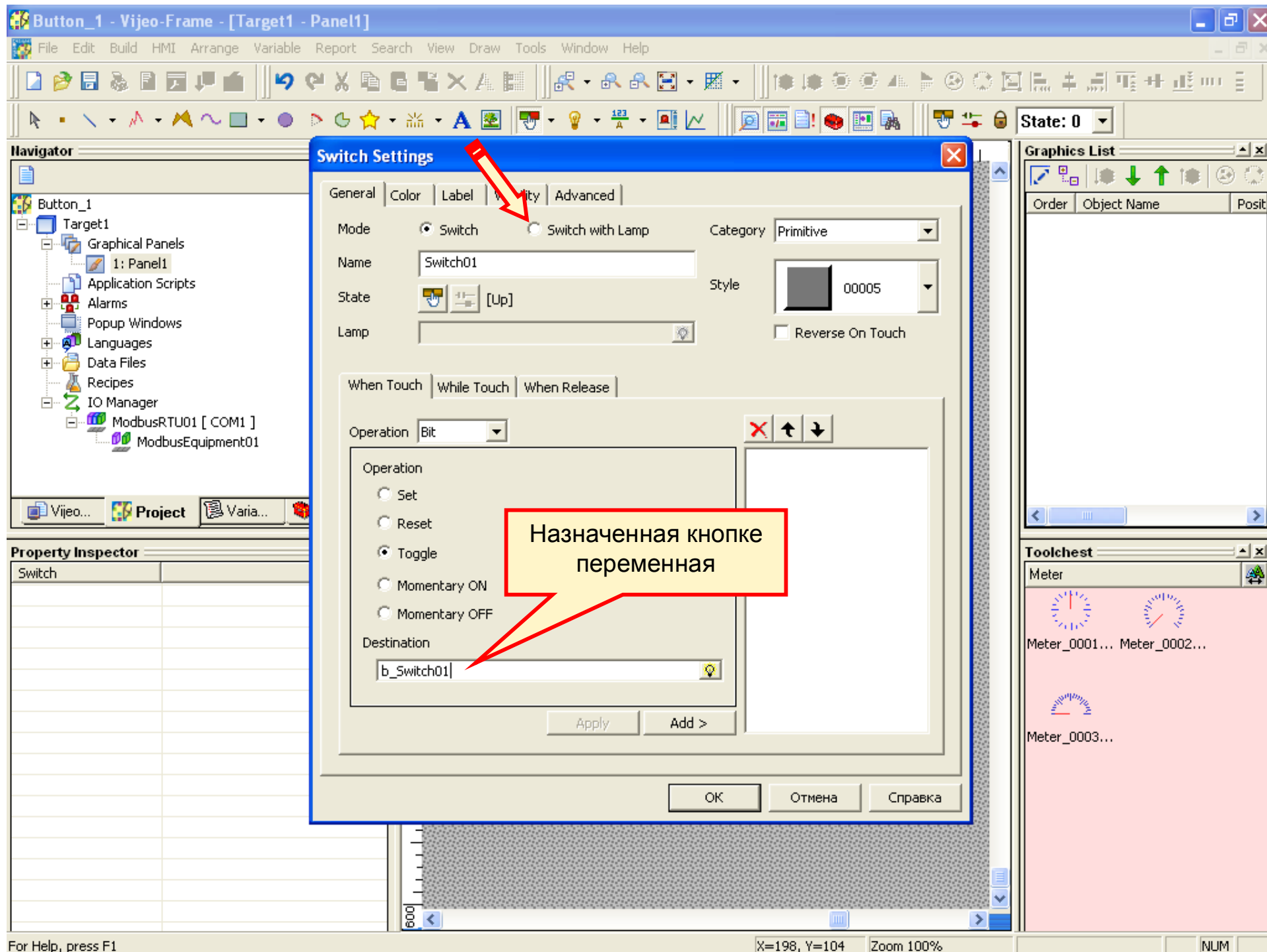












Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

Переклюатель
с индикаторной лампой
(Switch with lamp)

State: 0

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
General	
Color	
Label	Disabled
Visibility	
Advanced	
SaveDefaults	
RestoreDefaults	

General Color Label Ability Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State [Up] [Off]

Lamp ☐ Reverse On Touch

When Touch While Touch When Release

Operation Bit

Operation

- ☐ Set
- ☐ Reset
- ☒ Toggle
- ☐ Momentary ON
- ☐ Momentary OFF

Destination b_Switch01

Apply Add >

OK Отмена Справка

For Help, press F1 X=144, Y=108 Zoom 100% NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

Редатор выражения
(Expression Editor Pad)

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label Disabled	
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State 00005

Lamp

When Touch While

Operation Bit

Operation

- ☐ Set
- ☐ Reset
- ☒ Toggle
- ☐ Momentary
- ☐ Momentary

Destination b_Switch01

Expression Editor Pad

Expression

Variable List

- Target1
 - b_Switch01 [%M3]

OK Cancel Help

Apply Add >

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=144, Y=108 Zoom 100%

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label Disabled	
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Adv

Mode ☐ Switch ☒ Switch

Name Switch01

State 00005

Lamp

When Touch While

Operation Bit

Operation

- ☐ Set
- ☐ Reset
- ☒ Toggle
- ☐ Momentary
- ☐ Momentary

Destination b_Switch01

Expression Editor

Expression b_Switch01

Variable List

- b_Switch01
- Target1
 - b_Switch01 [%M3]

OK Cancel Help

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=144, Y=108 Zoom 100%

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label Disabled	
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Setting

General Color Label Visibility Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State [Up] [Off]

Lamp b_Switch01

Style 00005

☐ Reverse On Touch

When Touch While Touch When Release

Operation Bit

Operation

- ☐ Set
- ☐ Reset
- ☒ Toggle
- ☐ Momentary ON
- ☐ Momentary OFF

Destination b_Switch01

Apply Add >

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1 X=144, Y=108 Zoom 100% NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Se Help

Вкладка «Метка» (Label)

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label	Disabled
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: Disabled

Language: 1: Language1

Off

Font: Vijeo Sans Serif Font Width: 16

Font Style: Normal Font Height: 16

On

Font: Font Size:

Font Style:

Copy Text to All Languages... Copy Text to Empty Languages

Alignment

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

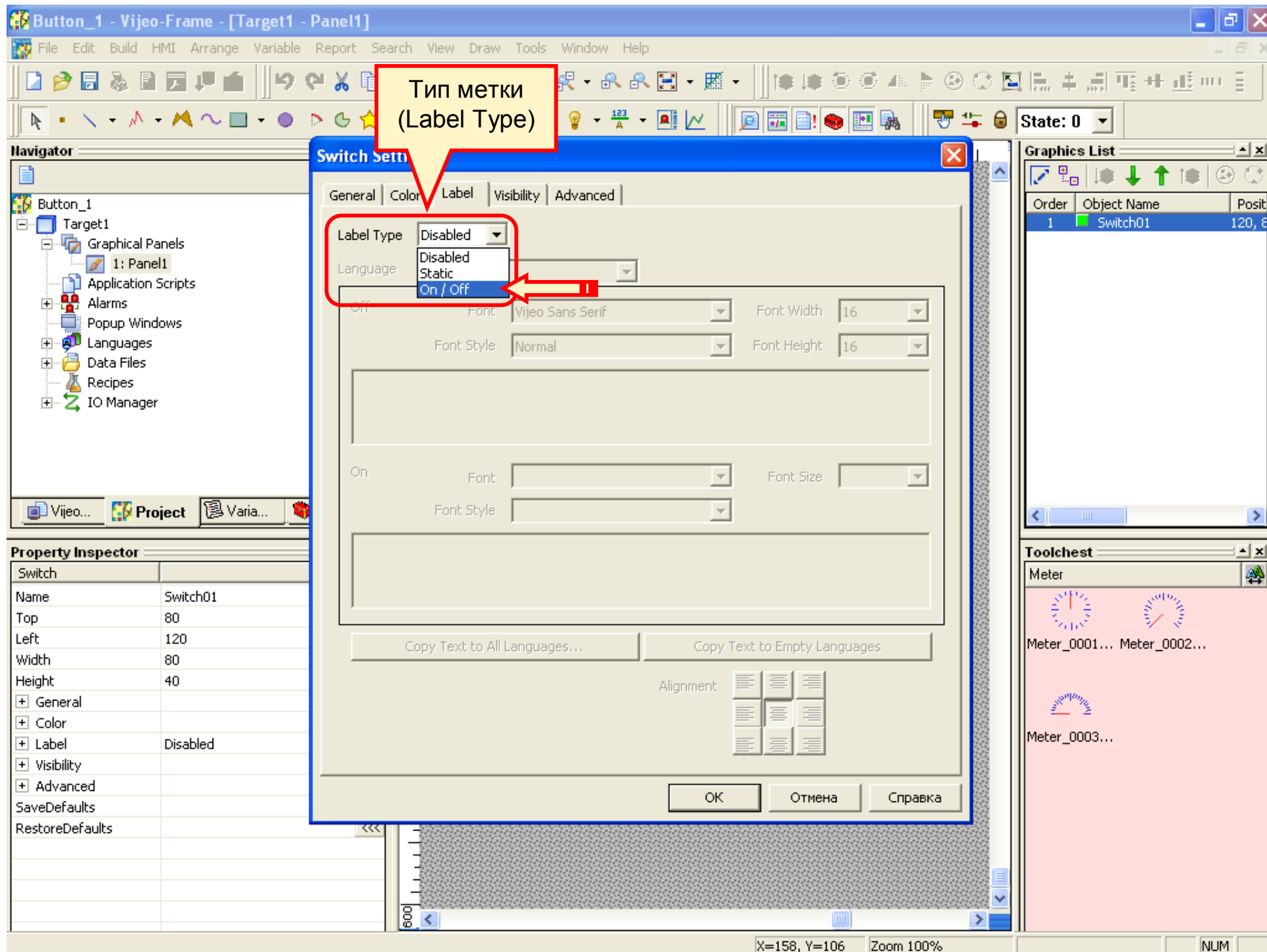
Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=144, Y=108 Zoom 100%

NUM



Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label Disabled	
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: On / Off

Language: 1: Language1

Off

Font: Vijeo Sans Serif Font Width: 16

Font Style: Normal Font Height: 16

On

Font: Vijeo Sans Serif Font Width: 16

Font Style: Normal Font Height: 16

Copy Text to All Languages... Copy Text to Empty Languages

Alignment

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

X=158, Y=106 Zoom 100%

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
Label	Disabled
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: On / Off

Language: 1: Language1

Off

Font: Vijeo Sans Serif Font Width: 16 Font Style: Normal Font Height: 16

Вкл .

On

Font: Vijeo Sans Serif Font Width: 16 Font Style: Normal Font Height: 16

Вкл .

Copy Text to All Languages... Copy Text to Empty Languages

Alignment

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

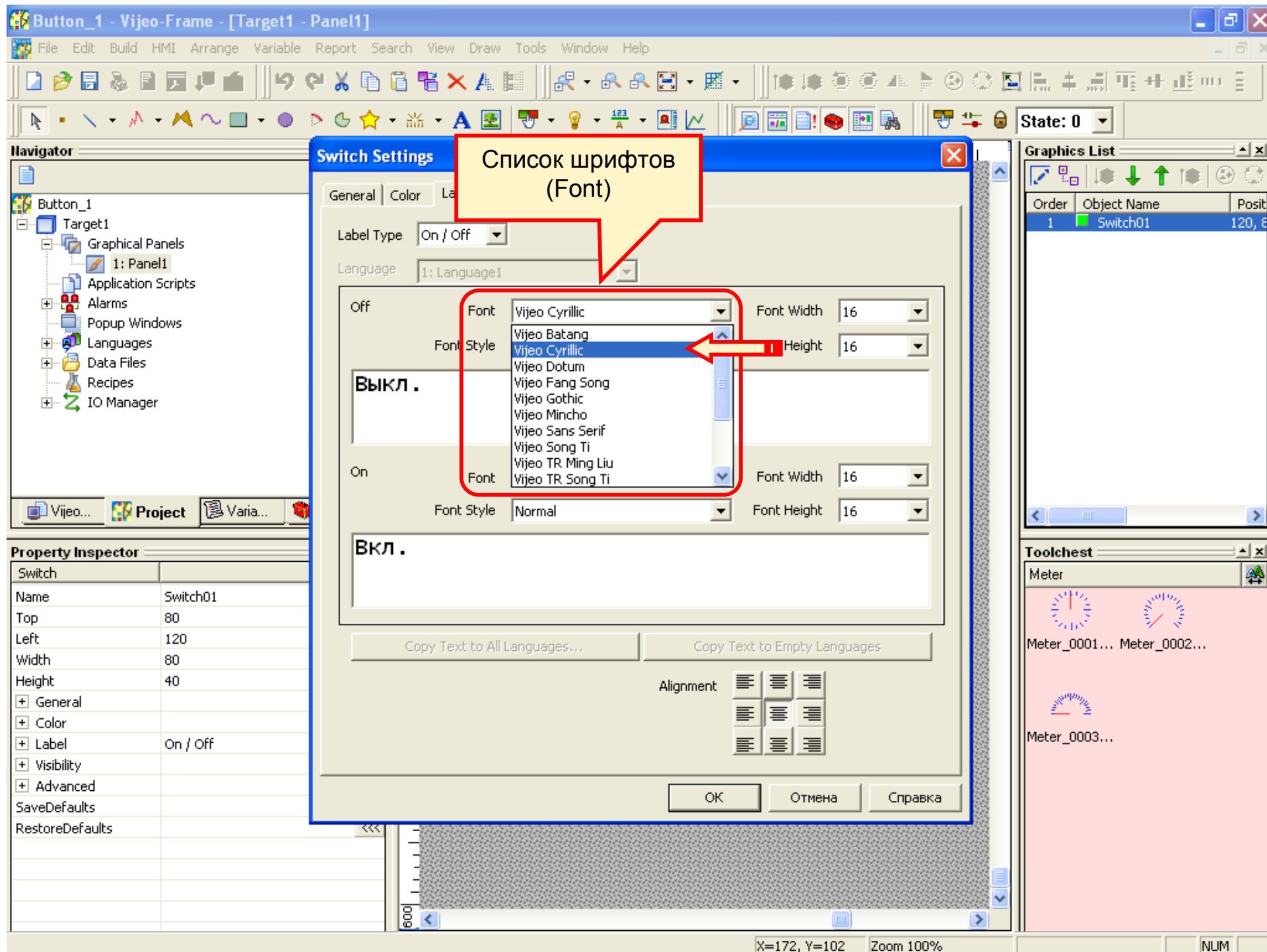
Meter_0003...

X=158, Y=106 Zoom 100%

NUM

Надпись для включенной кнопки

Надпись для включенной кнопки



Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
Label	On / Off
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Label Type: On / Off

Language: 1: Language1

Off

Font: Vijeo Cyrillic Font Width: 16 Font Style: Normal Font Height: 16

Вкл .

On

Font: Vijeo Cyrillic Font Width: 16 Font Style: Normal Font Height: 16

Вкл .

Copy Text to All Languages... Copy Text to Empty Languages...

Alignment

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

X=141, Y=90 Zoom 100% NUM

Кириллический шрифт надписей

Кириллический шрифт надписей

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Se Help

Вкладка «Цвет» (Color)

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Property Inspector


Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label	On / Off
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	


Switch Settings


General Color Label Visibility Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State  [Up] [Off]

Lamp b_Switch 

Style  00005 ☐ Reverse On Touch

Off

Text Color

3D Color

Frame Color

Fore Color

Back Color

Pattern 1:

On

Text Color

3D Color

Frame Color

Fore Color

Back Color

Pattern 1:

OK Отмена Справка

Цвета выключенного переключателя (Off)

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=176, Y=96 Zoom 100%

NUM SCRL

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
+ Label On / Off	
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State [Up] [On]

Lamp b_Switch01 ☐ Reverse On Touch

Off

Text Color

3D Color

Frame Color

Fore Color

Back Color

Pattern 1:

On

Text Color

3D Color

Frame Color

Fore Color

Back Color

Pattern 1:

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

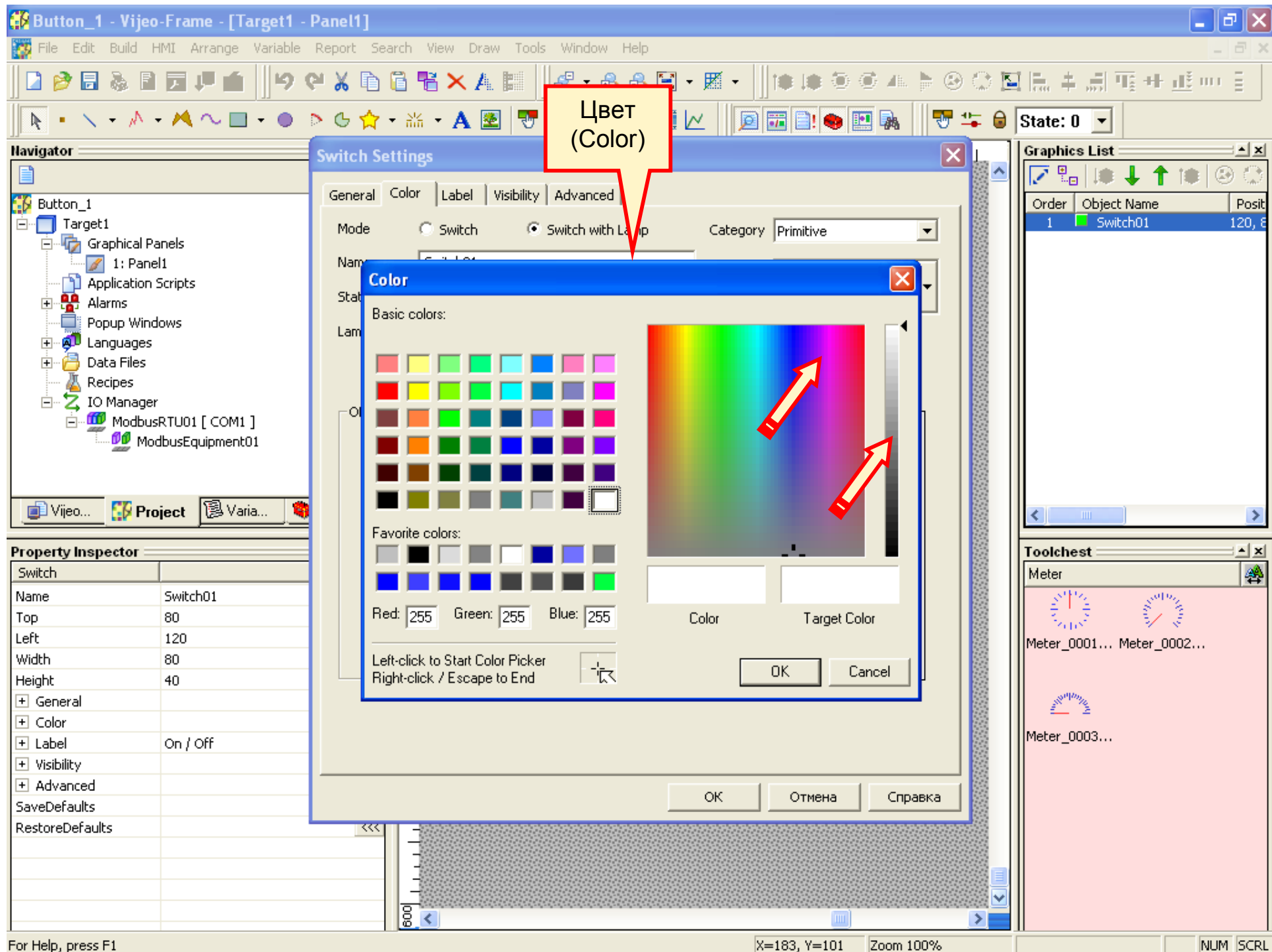
Meter

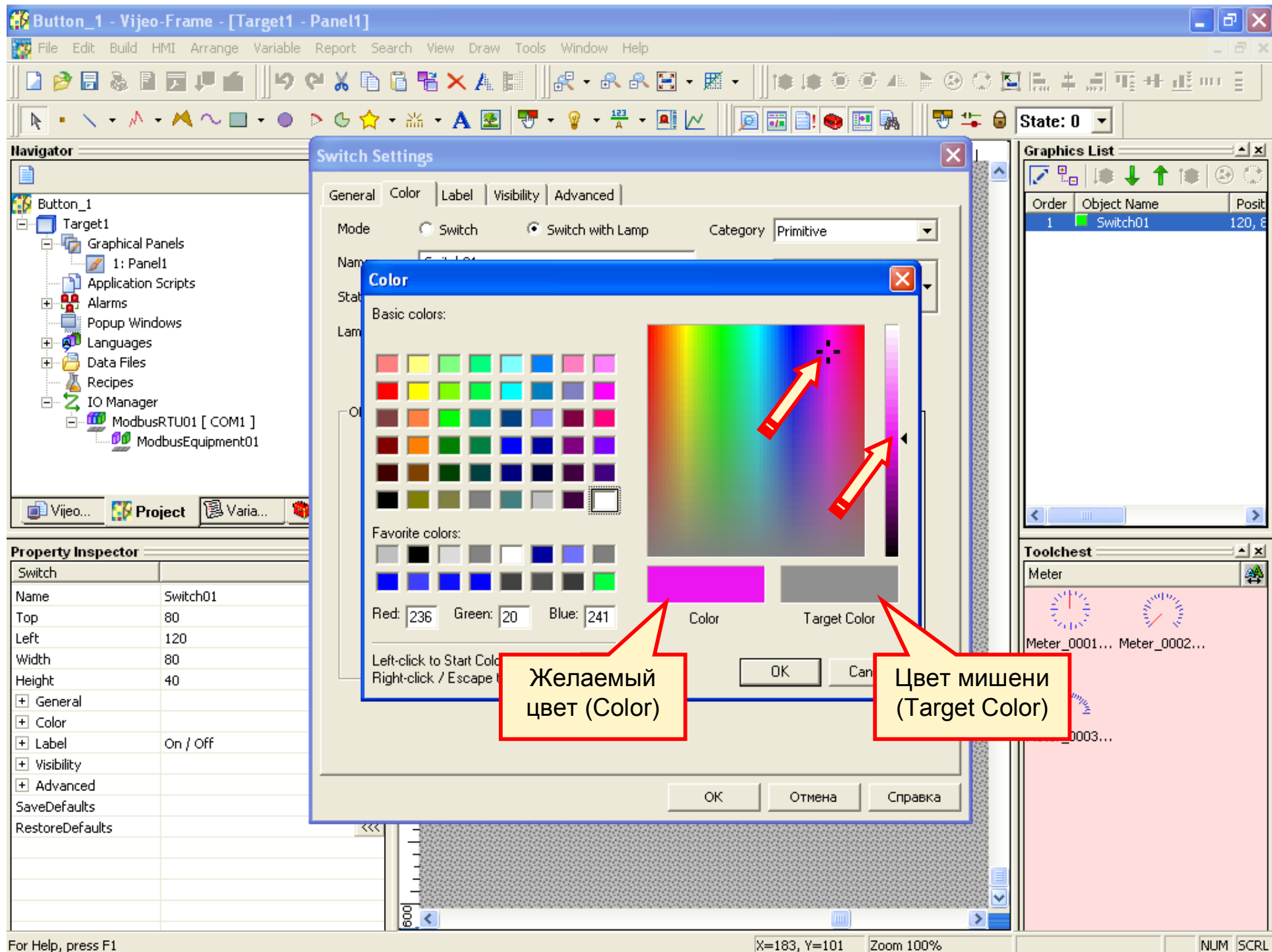
Meter_0001... Meter_0002...

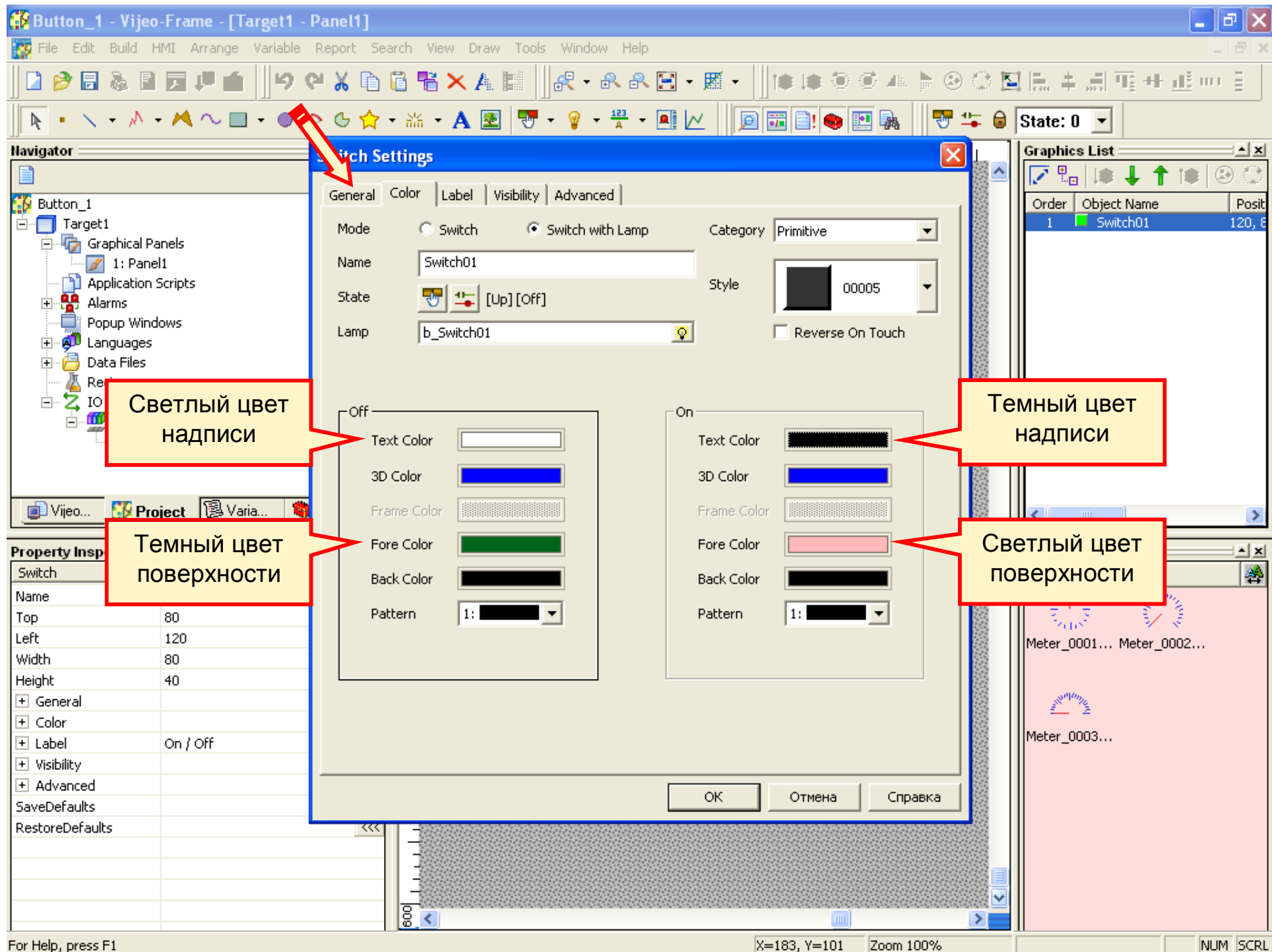
Meter_0003...

Цвета включенного переключателя (On)

For Help, press F1 X=176, Y=96 Zoom 100% NUM SCRL







Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager
 - ModbusRTU01 [COM1]
 - ModbusEquipment01

Vijeo... Project Varia...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	
+ Color	
Label	Disabled
+ Visibility	
+ Advanced	
SaveDefaults	
RestoreDefaults	

Switch Settings

General Color Label Visibility Advanced

Mode ☐ Switch ☒ Switch with Lamp Category Primitive

Name Switch01

State [Up] [Off]

Lamp b_Switch01

Style 00005

☐ Reverse On Touch

When Touch While Touch When Release

Operation Bit

Operation

- ☐ Set
- ☐ Reset
- ☒ Toggle
- ☐ Momentary ON
- ☐ Momentary OFF

Destination b_Switch01

Apply Add >

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

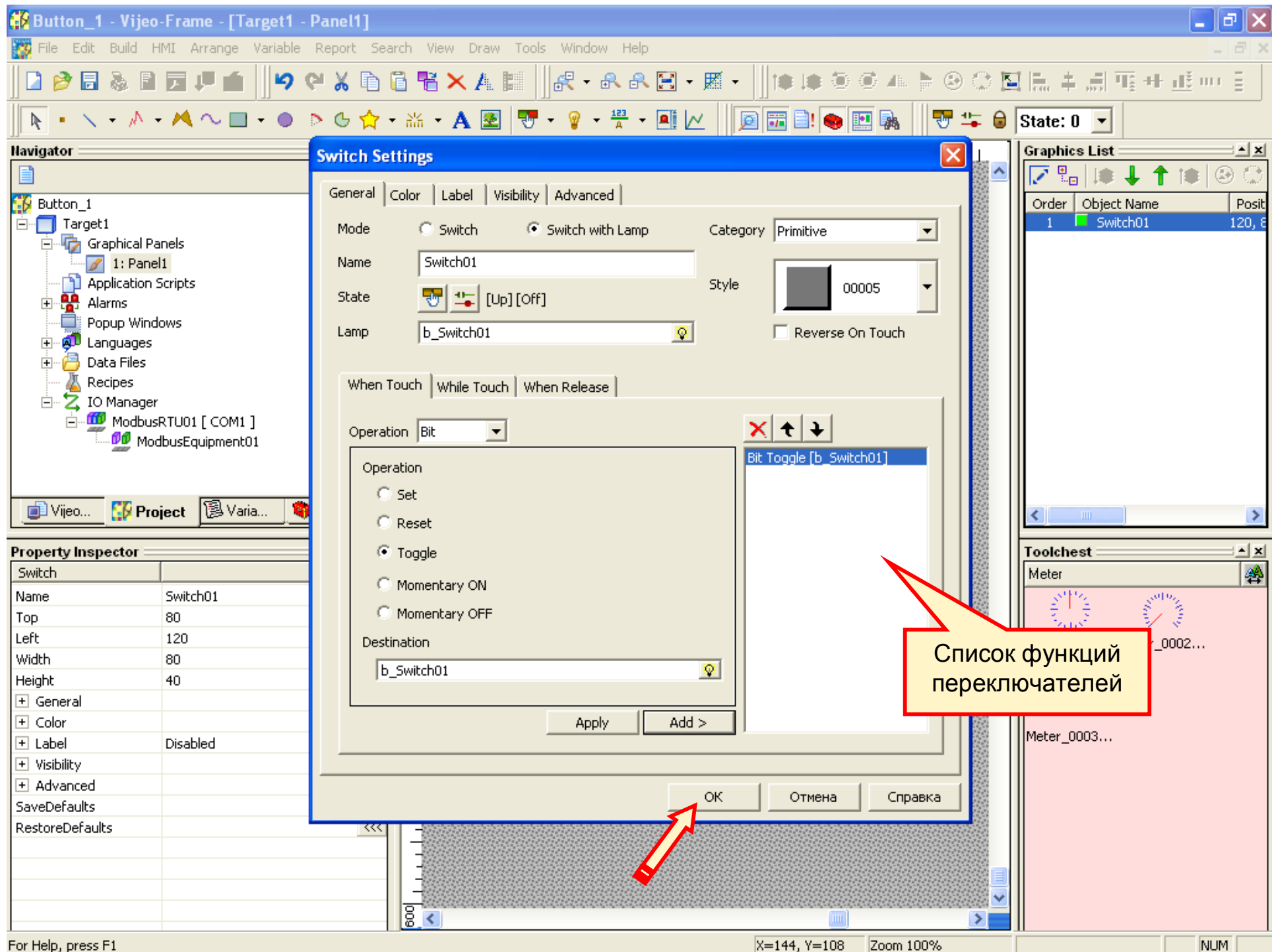
Meter_0001... Meter_0002...

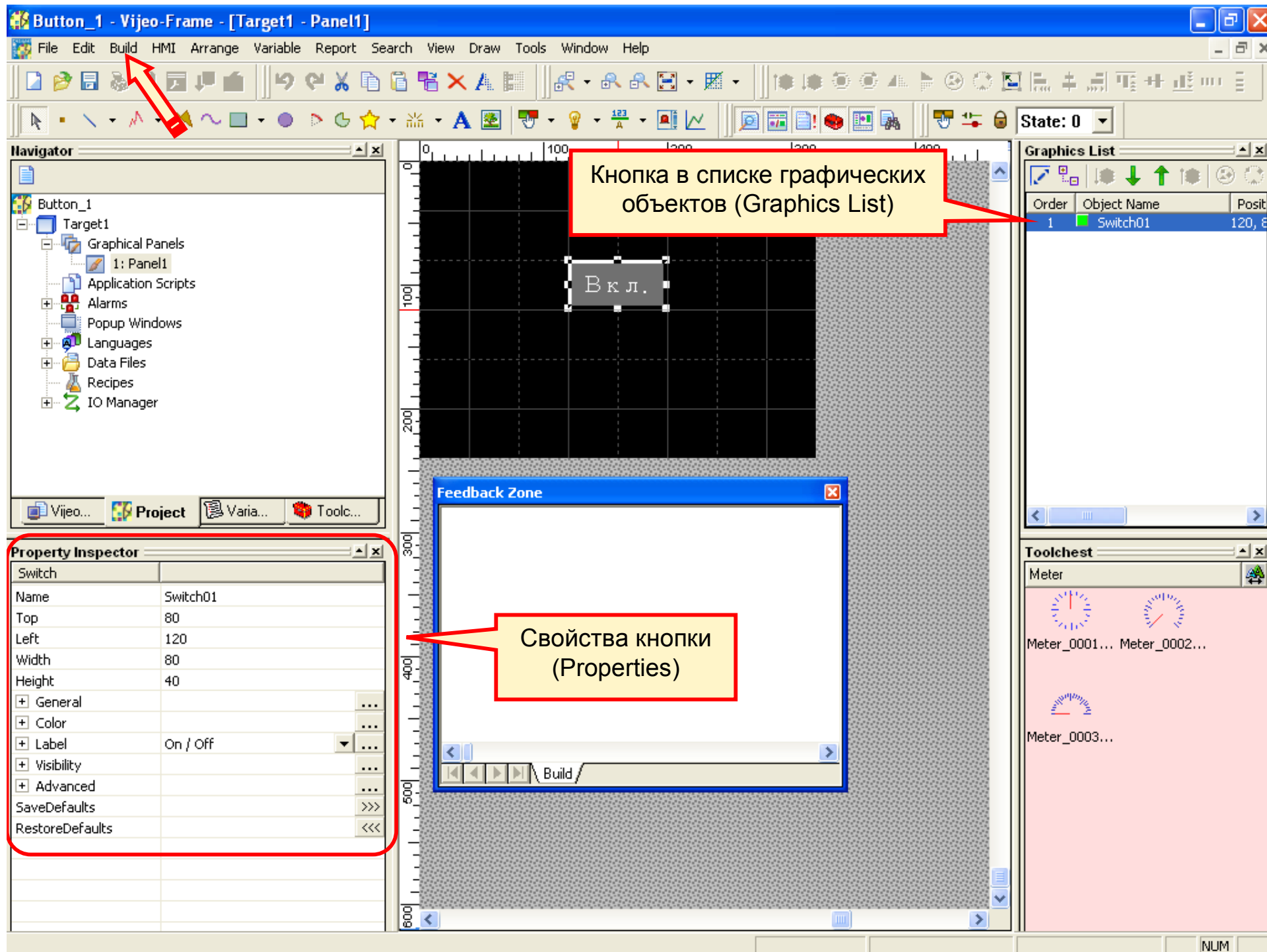
Meter_0003...

For Help, press F1

X=144, Y=108 Zoom 100%

NUM





Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

Clean All
Validate All
Build All F7

Clean Target
Validate Target
Build Target

Simulation
Start Device Simulation

Download All
Download Target

Options...

Navigator

- Button_1
 - Target
 - Gr...
 - Ap...
 - Ala...
 - Po...
 - La...
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	On / Off
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

0 100 200 300 400

100 200 300 400 500 600

Вкл.

Feedback Zone

Build

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Downloads the Project to the targets

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	On / Off
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

Downloading All

Project: Button_1
Target: Target1
Status: Compiling

Progress

Cancel

Target1 - HMI
Target1 - I/O
Validation Complete

Generating Code
Compiling

Build

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Button_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Switch	
Name	Switch01
Top	80
Left	120
Width	80
Height	40
+ General	...
+ Color	...
+ Label	On / Off
+ Visibility	...
+ Advanced	...
SaveDefaults	>>>
RestoreDefaults	<<<

Graphics List

Order	Object Name	Posit
1	Switch01	120, 80

Feedback Zone

Calling romizer
Romizer successful
Build Complete
Target 'Target1' - HMI: Project 23 KB, System 3 251
— Downloading —
Downloading Target1...
Processing runtime...
Processing project...
Sending files...
Downloading Complete

Компиляция успешно завершена

Загрузка успешно завершена

Meter_0001... Meter_0002...

For Help, press F1 X=431, Y=221 Zoom 100% NUM

Работа в «Vijeo Designer»
завершена.

Переходим к «Twido Suite»

Telemecanique
My first project

Project

Describe

Program

Report

1x2 portrait

Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1

Catalog

Place

CANopen

TWDNCO1M

Serial Expansion Modules

Serial Adapter

TWDNAC232D

TWDNAC485D

TWDNAC485T

RTC Cartridge

TWDXCPRTC

Memory Cartridge

TWDXCPMF64

Operations Display

TWDXCPDM

TWDNCO1M

CANopen bus master module (50 mA)

Дисплейный модуль

Базовый модуль

Модули расширения

Mon Twido

DC IN

Relay OUT

ANALOG IN OUT

RS485

TWDNAC485D

TWDXCPRTC

TWDXCPDM

TWDLMDA20DRT

TWDDMM8DRT

TWDAMM3HT

TWDNCO1M

Часы реал. времени
TWDXCPRTC

Интерфейс RS-485
TWDNAC485D

Диспл. модуль
TWDXCPDM

Базовый модуль
TWDLMDA20DRT

Вв./выв. дискр.
TWDDMM8DRT

Вв./выв. аналог.
TWDAMM3HT

Инт. CAN-Open
TWDNCO1M

Часы реал. времени
TWDXCPRTC

Интерфейс RS-485
TWDNAC485D

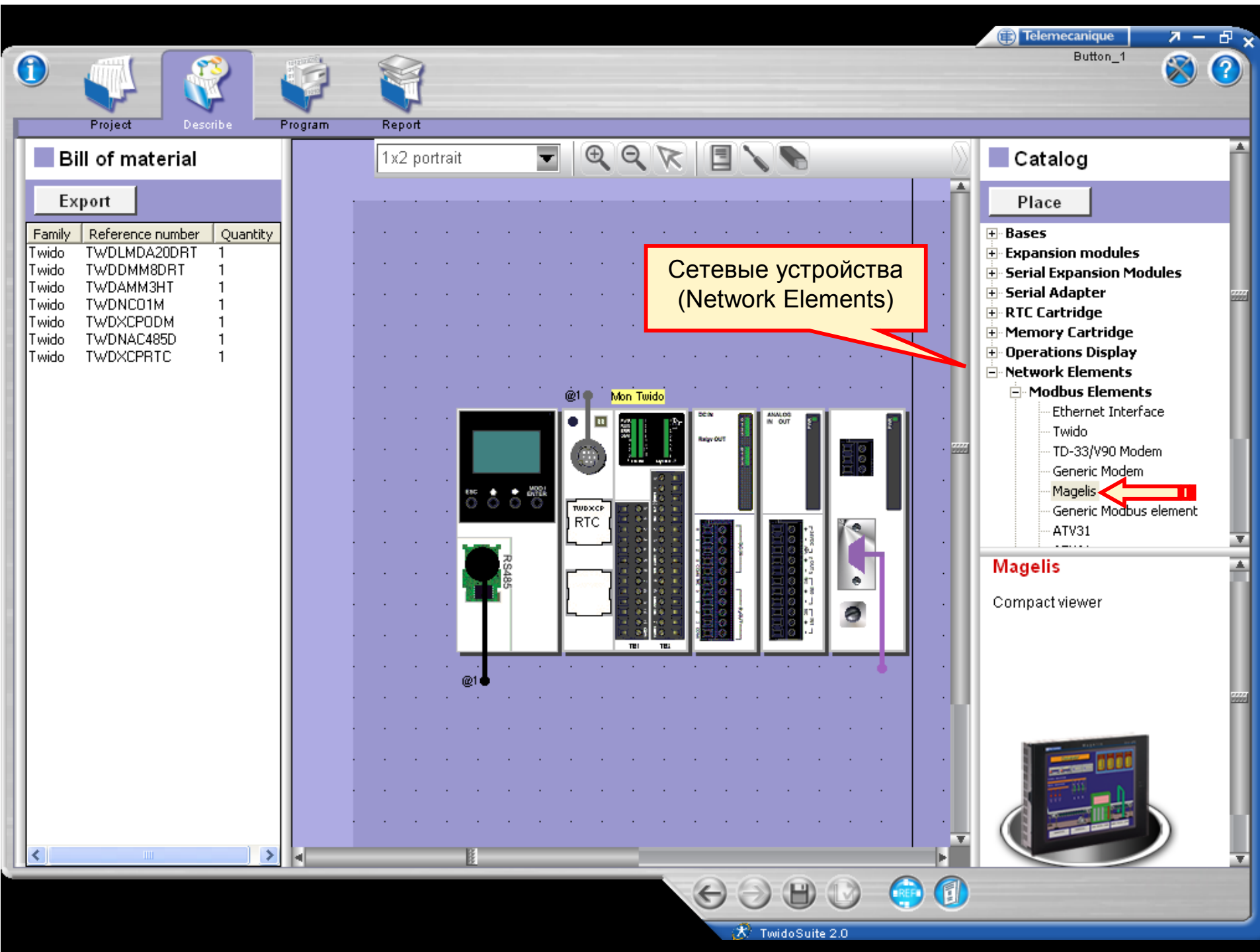
Диспл. модуль
TWDXCPDM

Базовый модуль
TWDLMDA20DRT

Вв./выв. дискр.
TWDDMM8DRT

Вв./выв. аналог.
TWDAMM3HT

Инт. CAN-Open
TWDNCO1M





Project



Describe



Program



Report

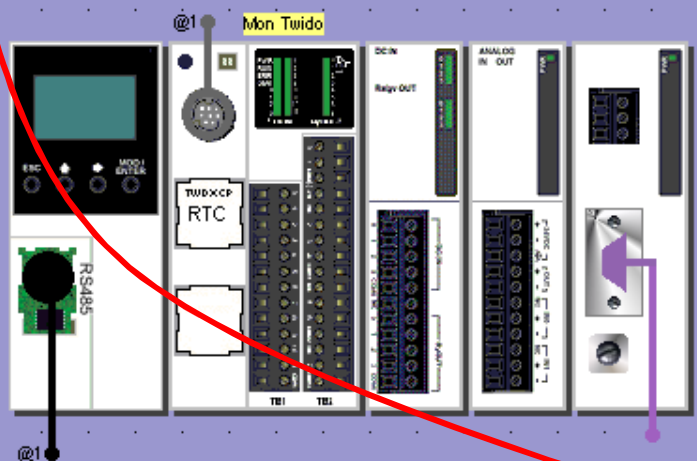
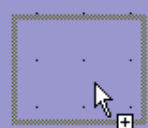


Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1

1x2 portrait



Catalog

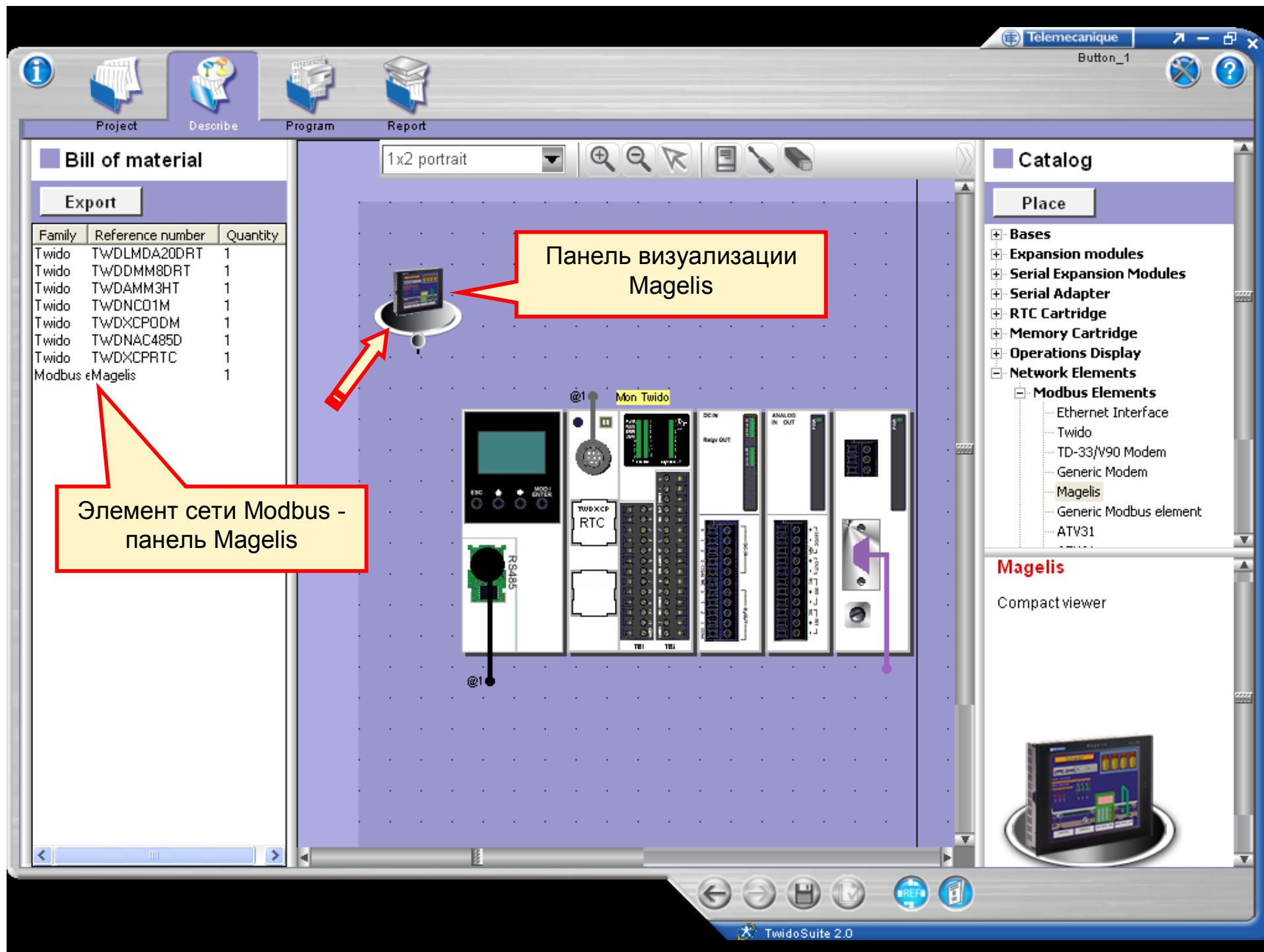
Place

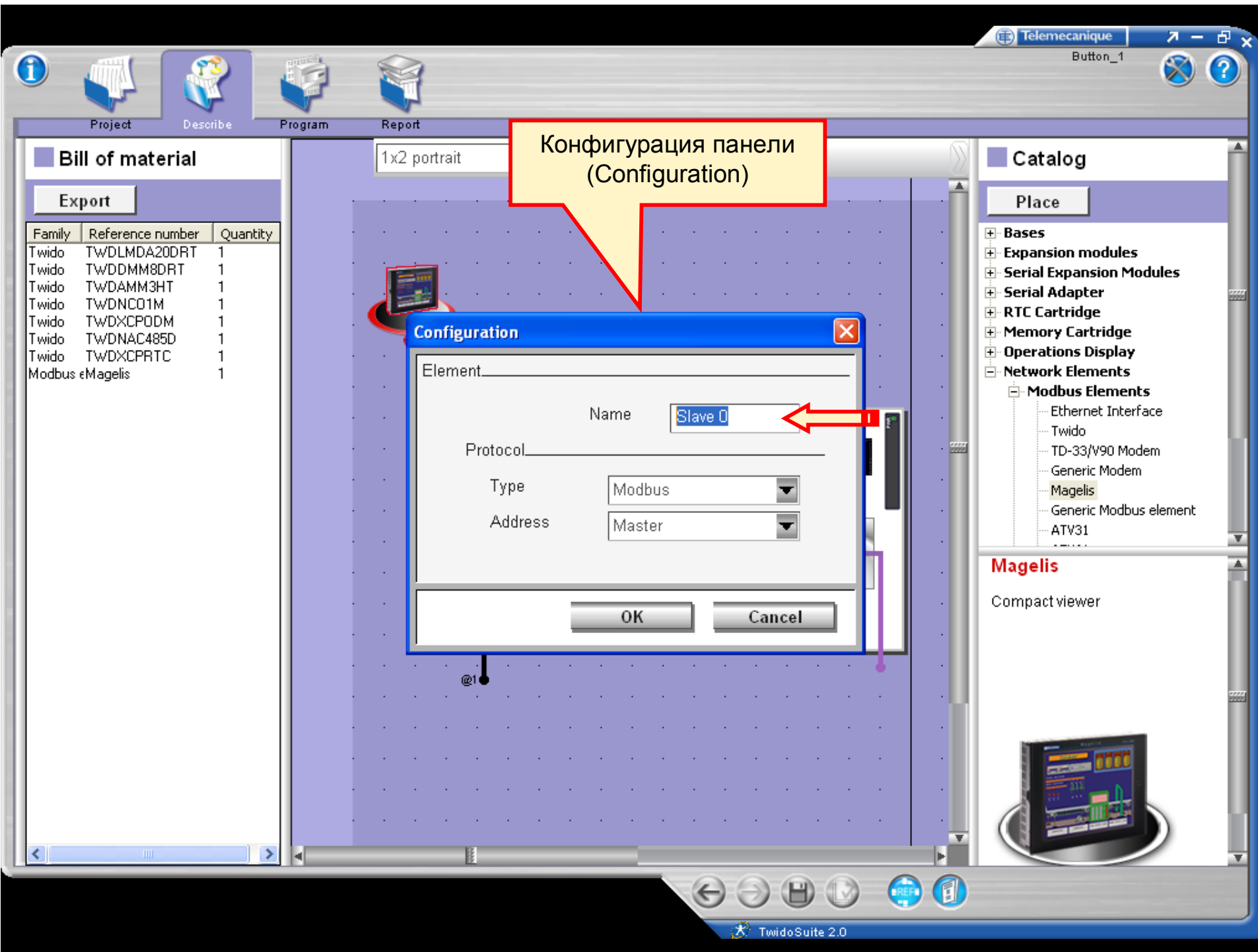
- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

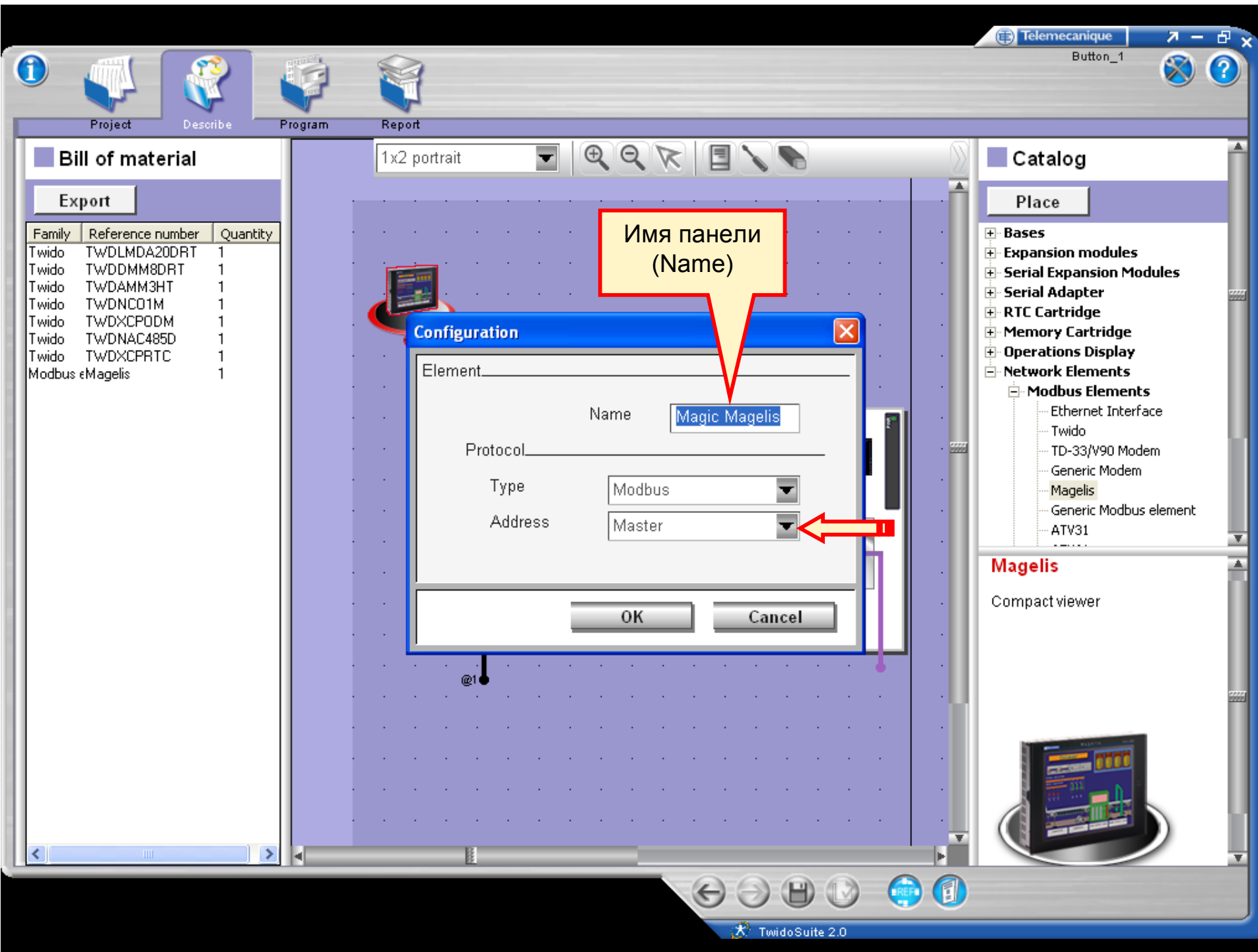
Magelis

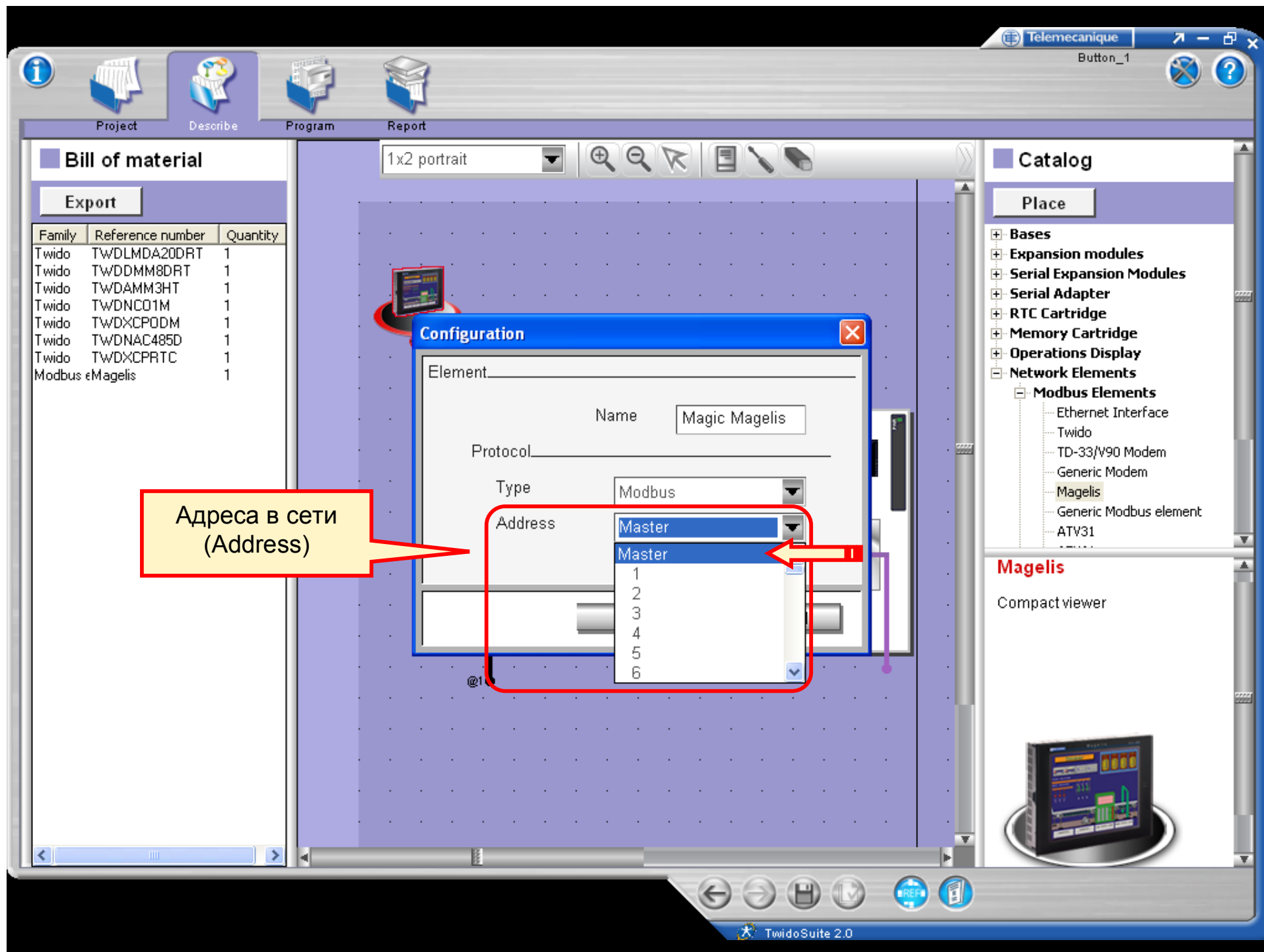
Compact viewer













Project

Describe

Program

Report

Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1
Modbus	Magelis	1

1x2 portrait



Catalog

Place

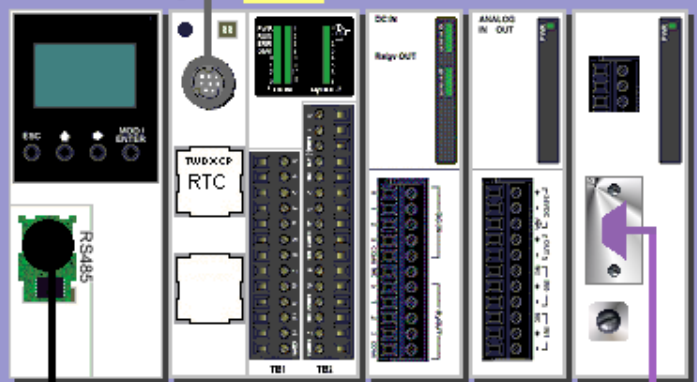
- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

Magelis

Compact viewer



Master-устройство





Project



Describe



Program



Report



Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1
Modbus eMagelis		1

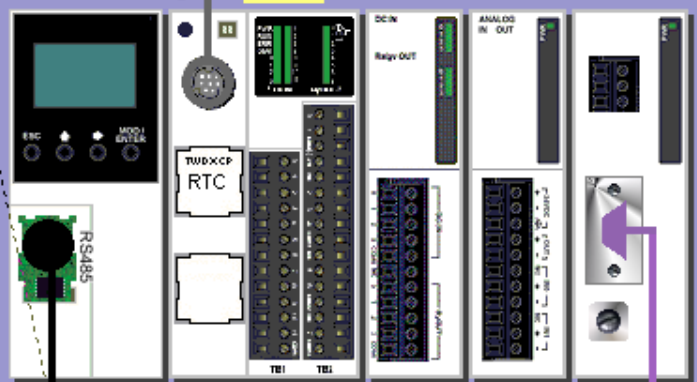
1x2 portrait



Magic Magelis Master



@1 Mon Twido



Catalog

Place

- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

Magelis

Compact viewer





Project

Describe

Program

Report

Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1
Modbus	Magelis	1

1x2 portrait



Catalog

Place

- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

Magelis

Compact viewer

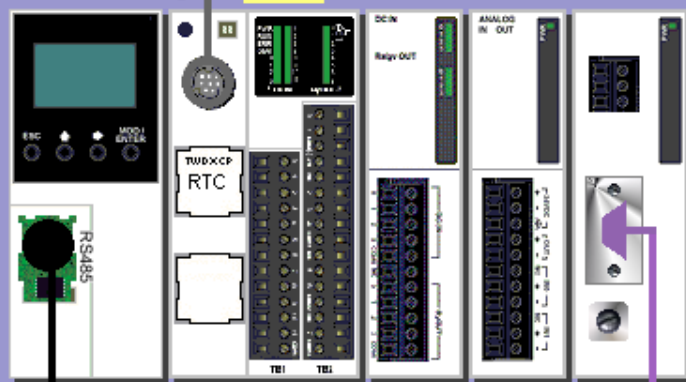


Сеть
(Network)

Magic Magelis
Master



@1 Mon Twido



my network 1
19200





Project



Describe



Program



Report



Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1
Modbus eMagelis		1

1x2 portrait



Catalog

Place

- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

Magelis

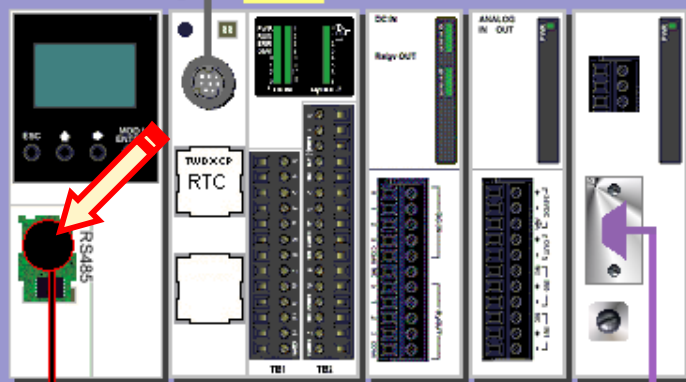
Compact viewer



Magic Magelis Master

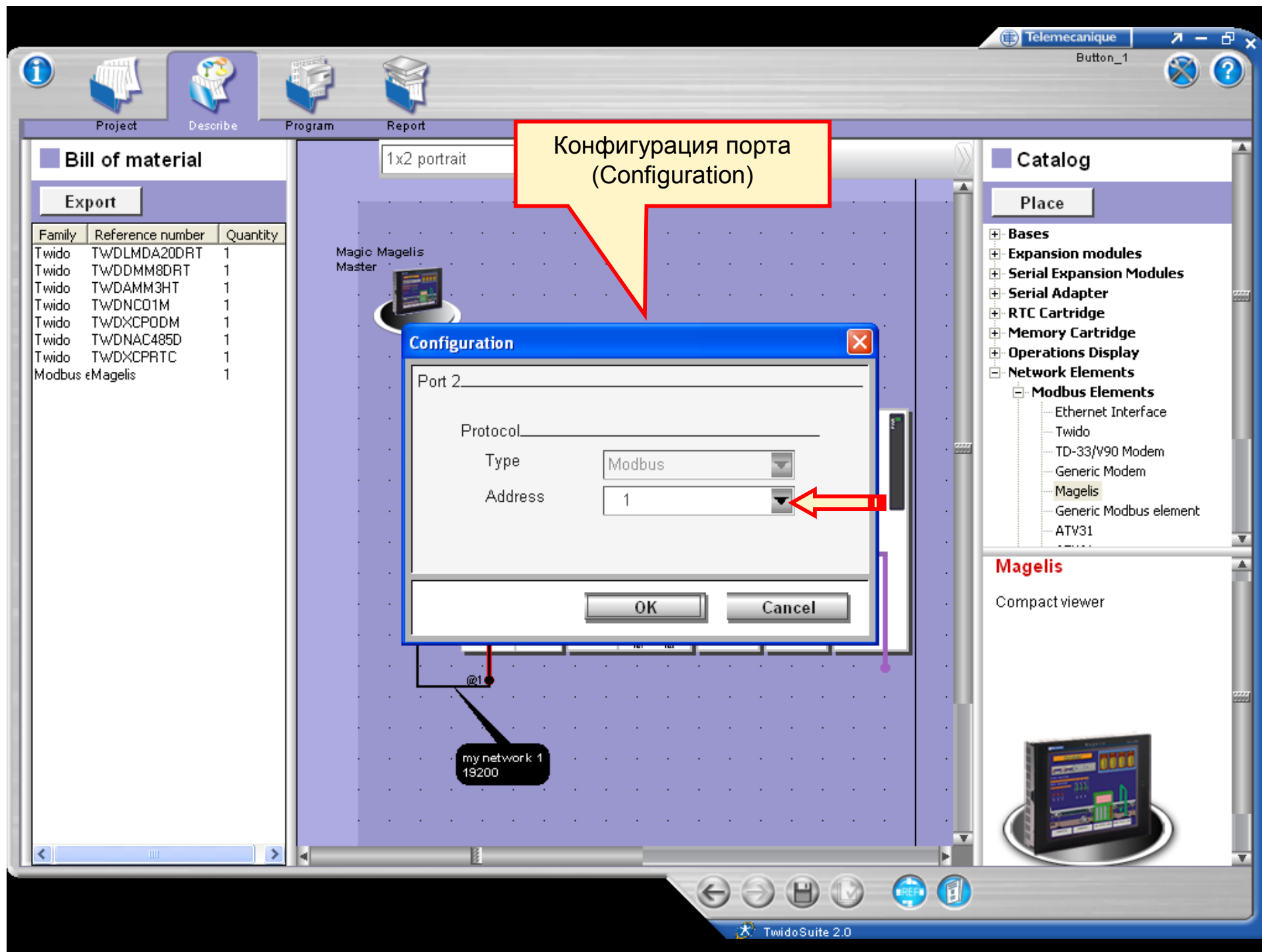


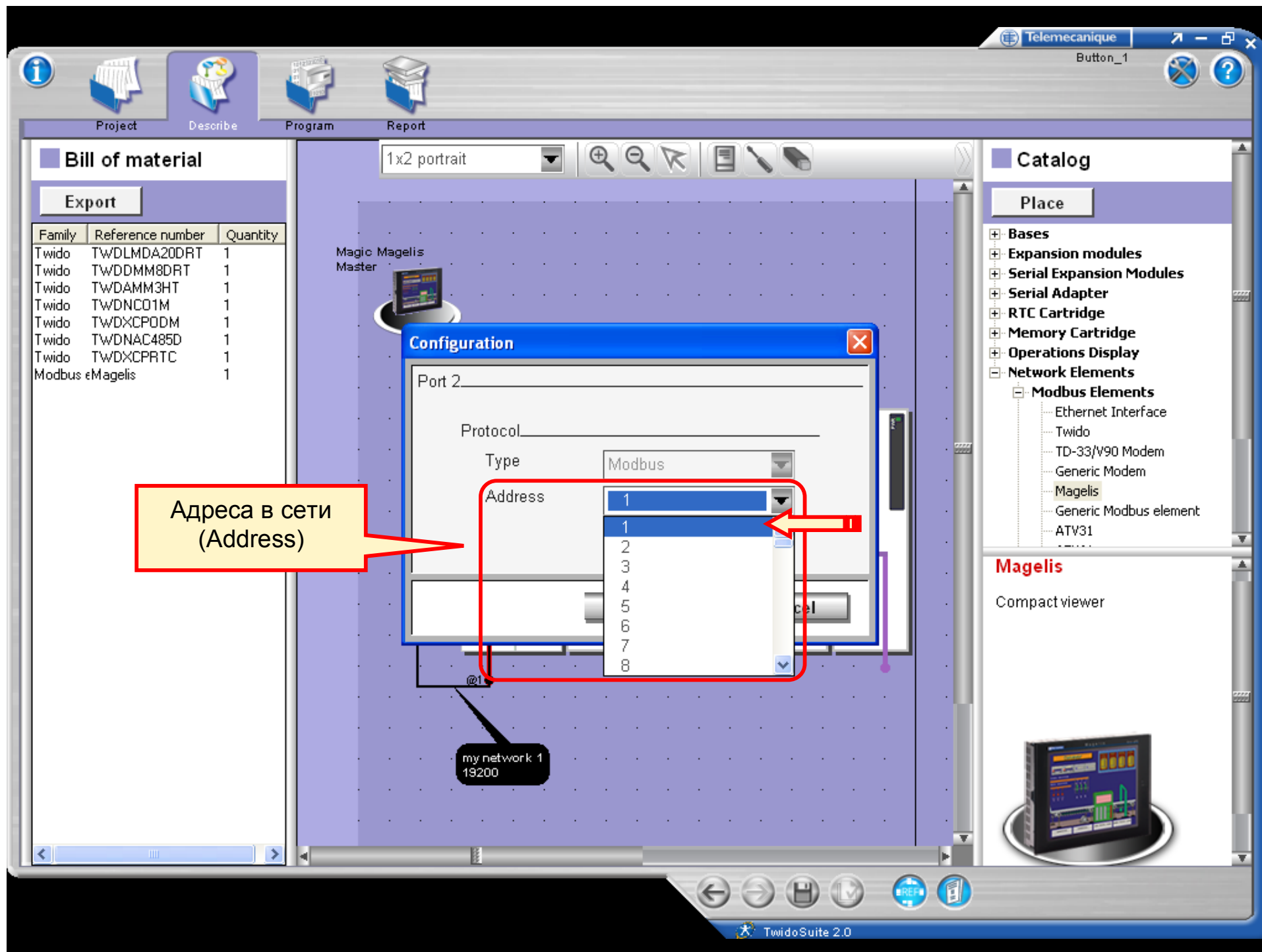
@1 Mon Twido

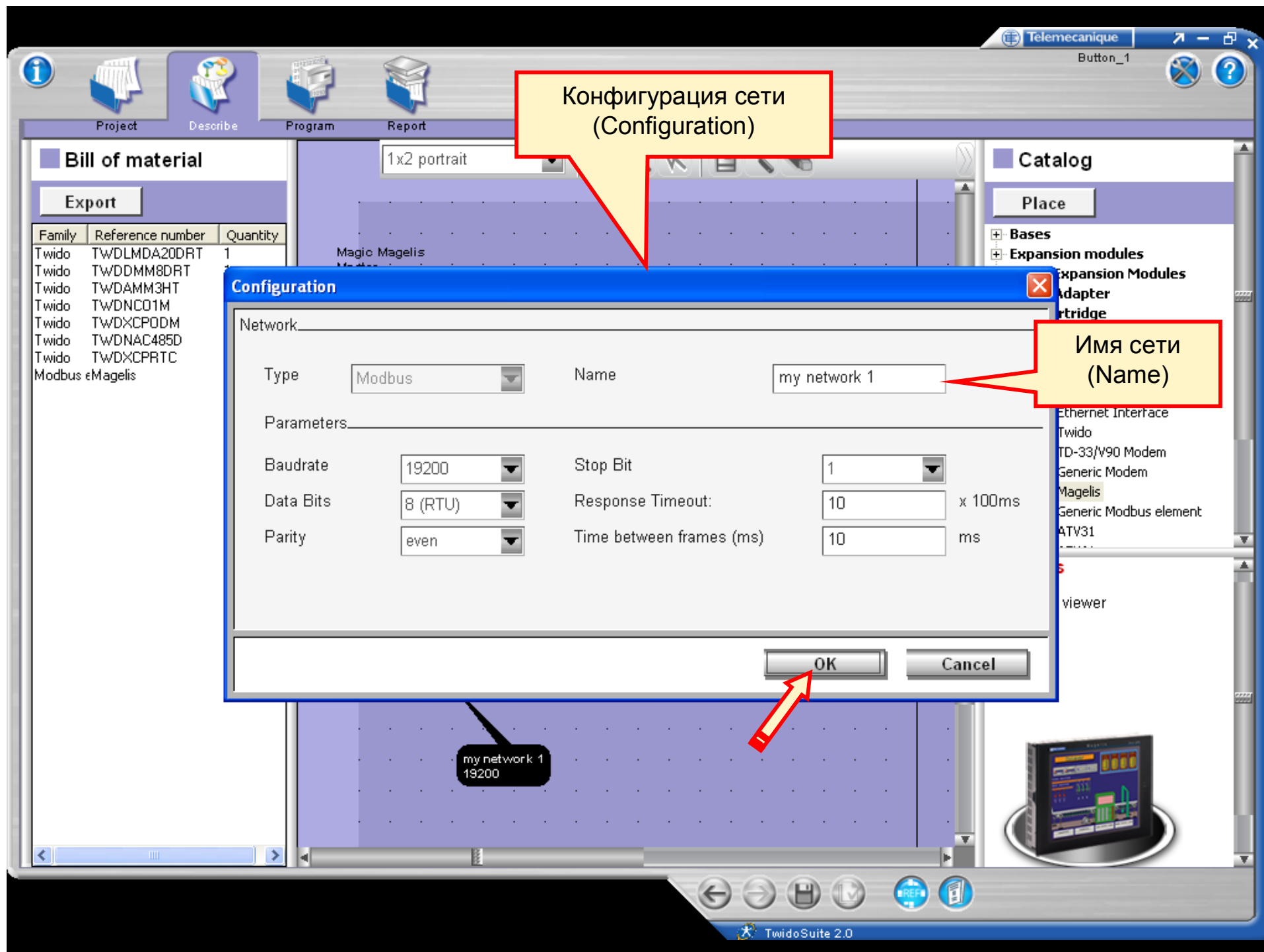


my network 1
19200











Project



Describe



Program



Report



Bill of material

Export

Family	Reference number	Quantity
Twido	TWDLMDA20DRT	1
Twido	TWDDMM8DRT	1
Twido	TWDAMM3HT	1
Twido	TWDNCO1M	1
Twido	TWDXCPDM	1
Twido	TWDNAC485D	1
Twido	TWDXCPRTC	1
Modbus eMagelis		1

2 portrait



Catalog

Place

- + Bases
- + Expansion modules
- + Serial Expansion Modules
- + Serial Adapter
- + RTC Cartridge
- + Memory Cartridge
- + Operations Display
- Network Elements
 - Modbus Elements
 - Ethernet Interface
 - Twido
 - TD-33/V90 Modem
 - Generic Modem
 - Magelis
 - Generic Modbus element
 - ATV31

Magelis

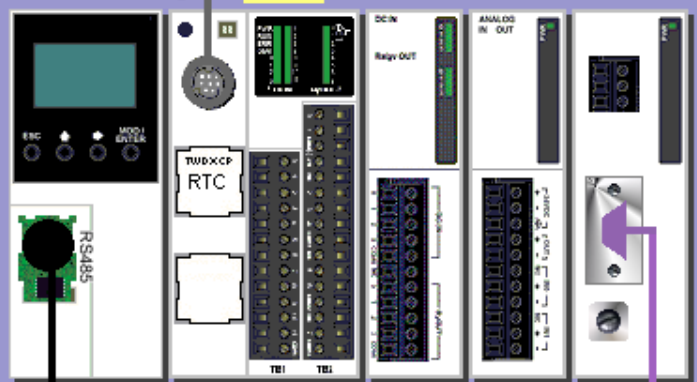
Compact viewer



Magic Magelis Master

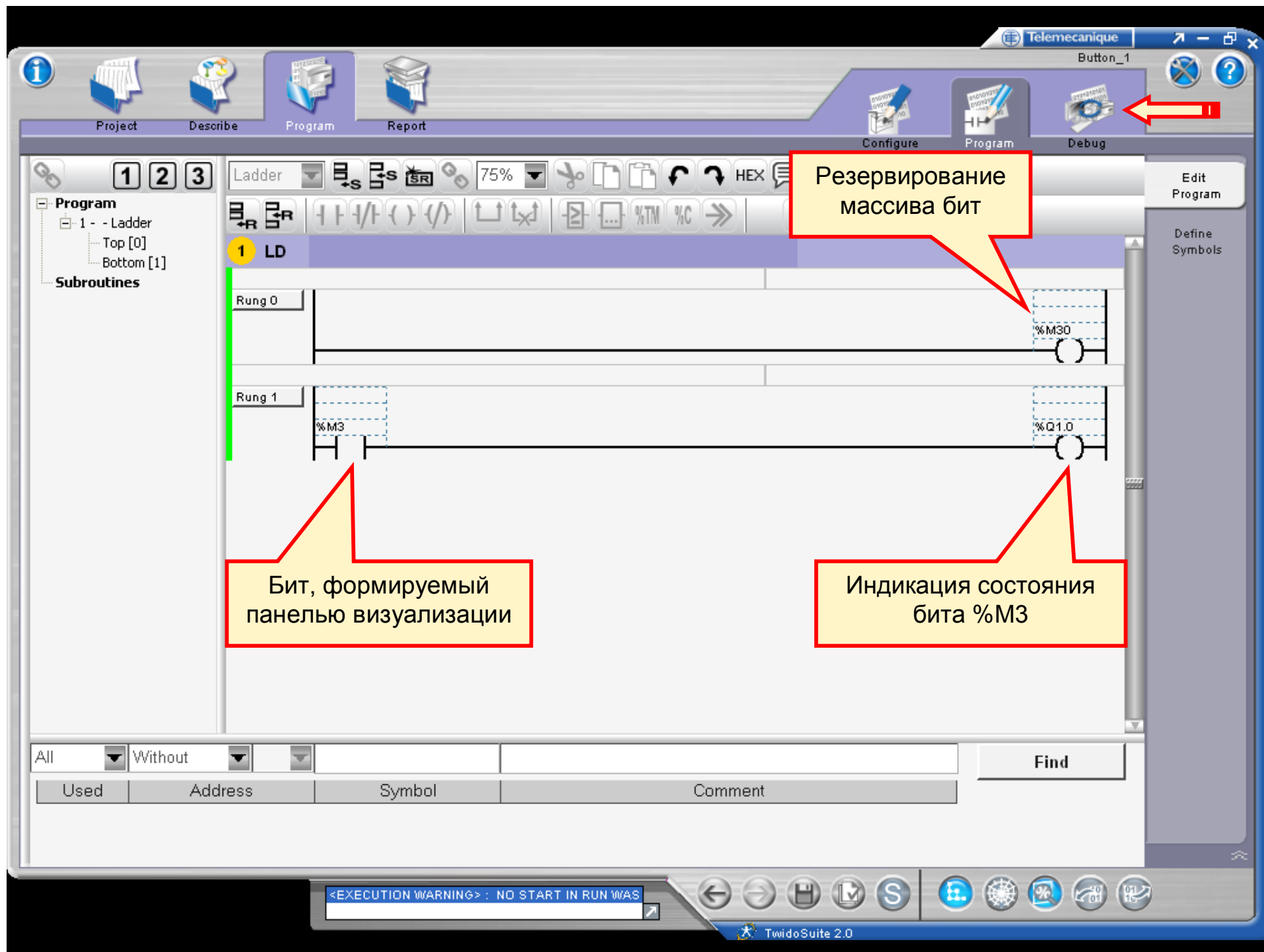


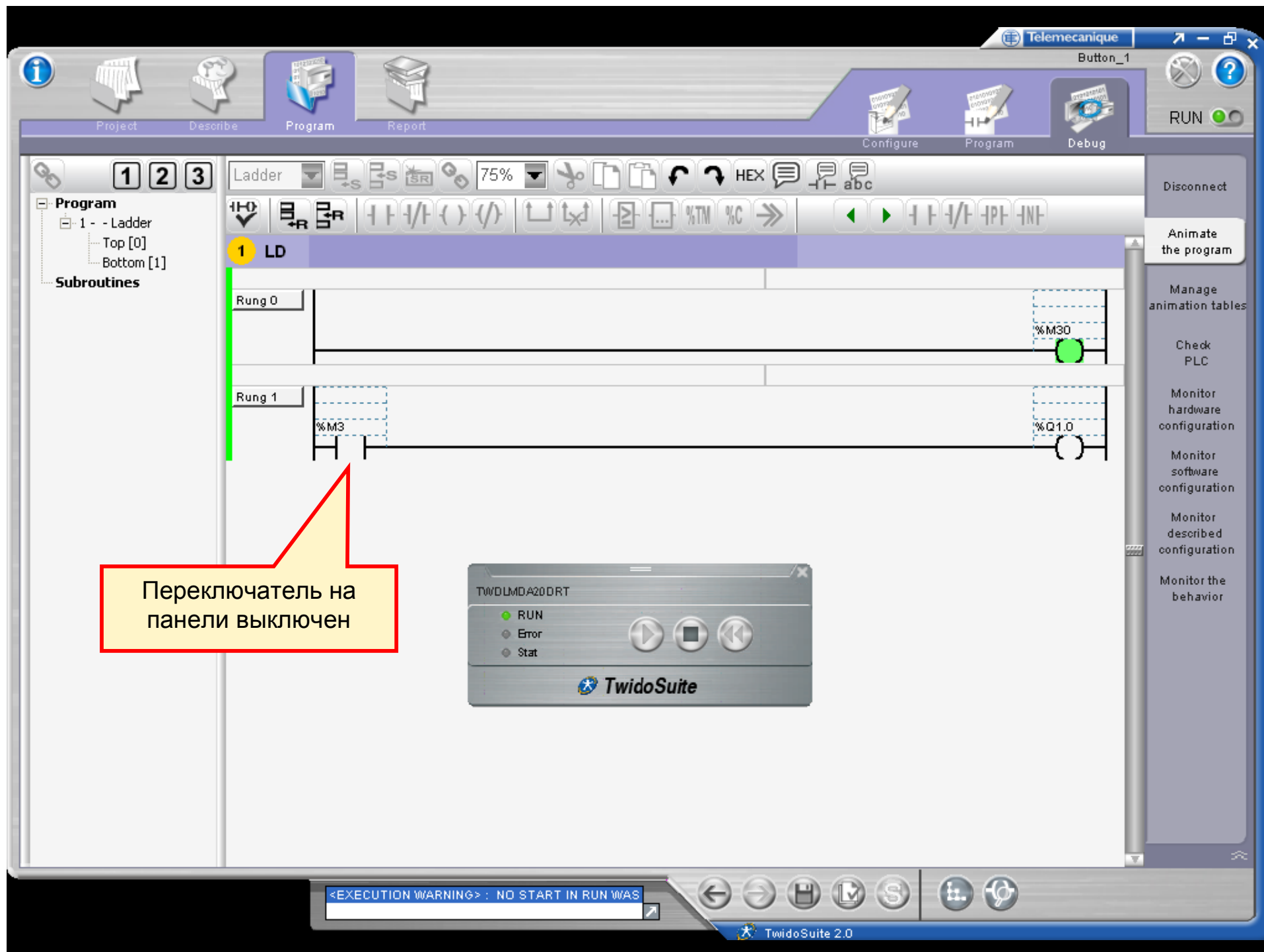
@1 Mon Twido

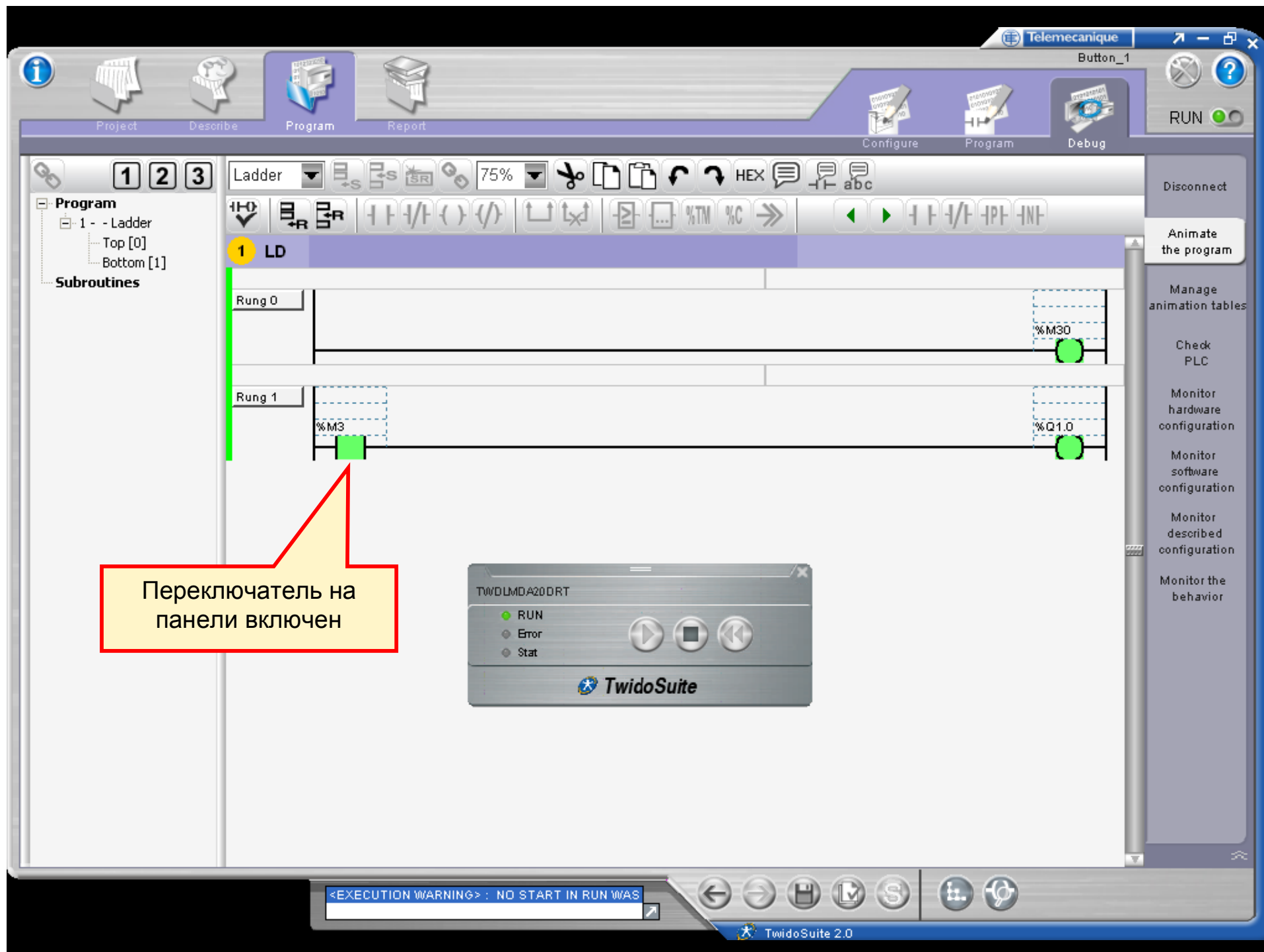


my network 1
19200









Продолжаем работу в
«Vijeo Designer».

Создание индикаторной лампы

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Graphical Panel	
Name	Panel1
PanelID	1
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Feedback Zone

Build

ВЫКЛ.

For Help, press F1

NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Graphical Panel	
Name	Panel1
PanelID	1
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Feedback Zone

Build

Графические объекты (Graphical Objects)

Lamp

Lamp Tool

NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Property Inspector

Graphical Panel	
Name	Panel1
PanelID	1
Description	
Width	320
Height	240
Back Color	(0,0,0)
FunctionKeys	...

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Feedback Zone

Build

Лампы (Lamp):

- Лампа (Lamp)
- Лампа с N состояниями (N-State Lamp)

ВЫКЛ.

For Help, press F1

NUM



Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools W

Установки лампы
(Lamp Settings)

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Tools

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable: []

State: [Off]

Style: 10001

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

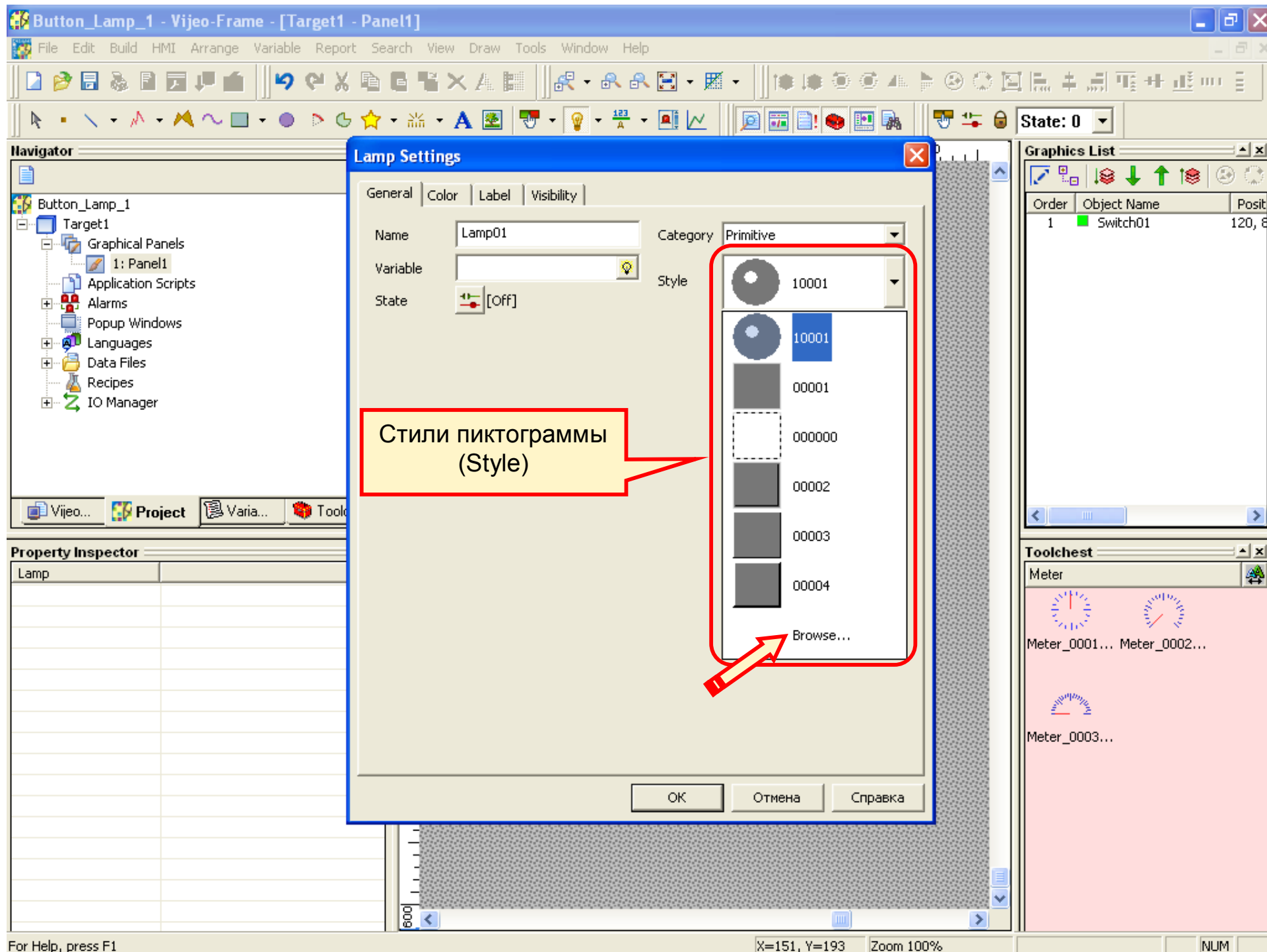
Meter_0001... Meter_0002...

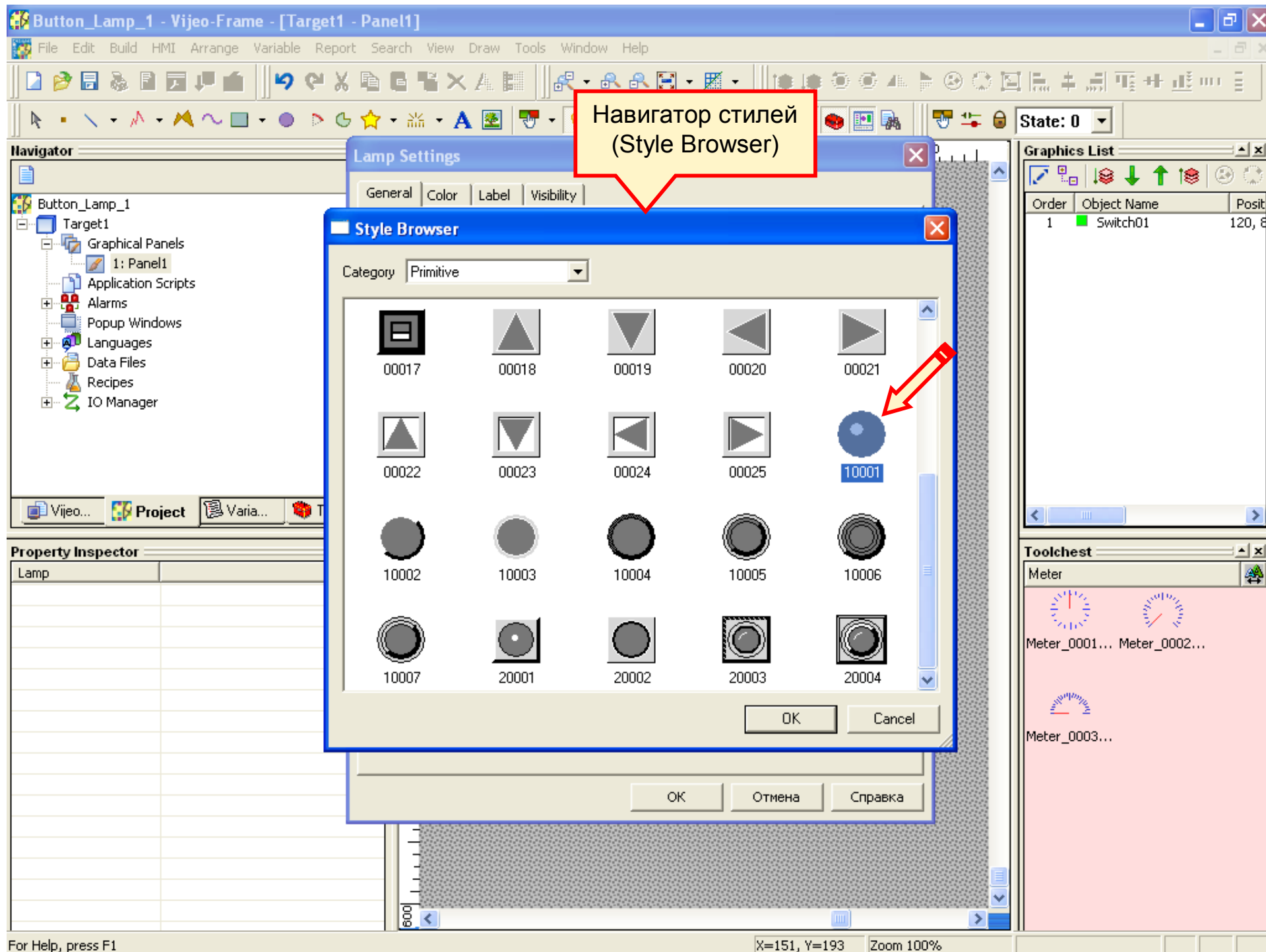
Meter_0003...

For Help, press F1

X=156, Y=195 Zoom 100%

NUM





Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable: []

State: [Off]

Style: 10001

Пиктограмма погашенной лампы

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Property Inspector

Lamp

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

OK Отмена Справка

For Help, press F1 X=151, Y=193 Zoom 100% NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0


Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable:  Style: 10001

State: [On]

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

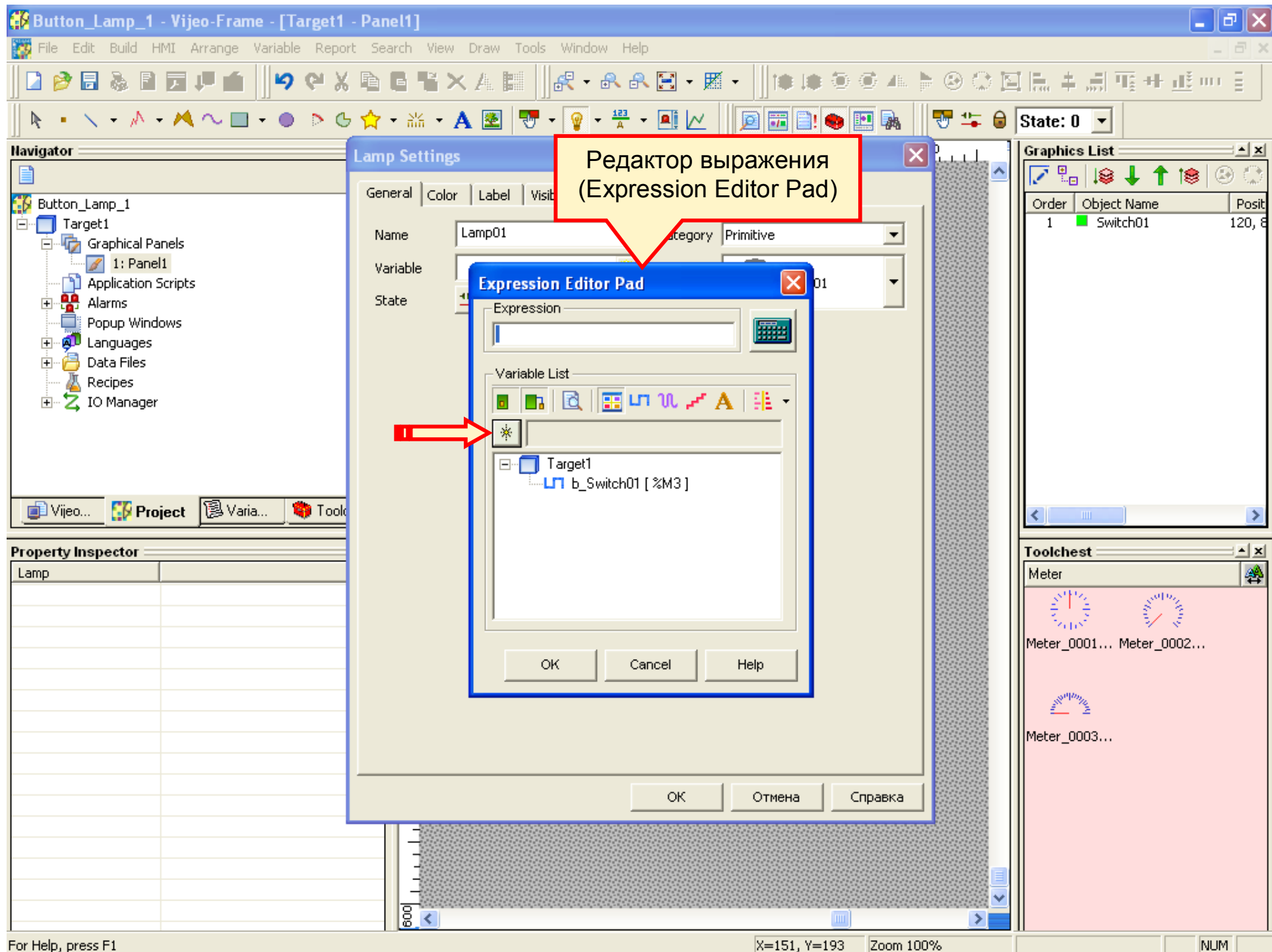
Meter_0003...

Пиктограмма
зажженной лампы

For Help, press F1

X=151, Y=193 Zoom 100%

NUM



Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visib

Name: Lamp01 Category: Primitive

Новая переменная (New Variable)

New Variable

Basic Properties Data Details IO Settings Data Scaling Alarm

Variable Name: Discrete01 Description:

Data Type: Discrete Array Dimension: 0

Data Source: ☐ Internal ☒ External ScanGroup: ModbusEquipment01 Device Address:

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

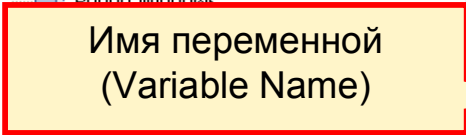
Meter_0001... Meter_0002...

Meter_0003...

Property Inspector

Lamp

For Help, press F1 X=151, Y=193 Zoom 100% NUM



Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

New Variable

Basic Settings Data Scaling Alarm

Variable Name: Lamp_1 Description:

Data Type: Discrete (selected)

Array Dimension: 0

ScanGroup: ModbusEquipment01

Device Address:

OK Отмена Справка

Graphics List

Order	Object Name	Position
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=151, Y=193 Zoom 100%

NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

New Variable

Basic Properties Data Details IO Settings Data Scaling Alarm

Variable Name: Lamp_1 Description:

Data Type: Discrete Array Dimension: 0

Data Source: ☒ Internal ☐ External ScanGroup: ModbusEquipment01 Device Address:

Внешний источник данных (External)

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

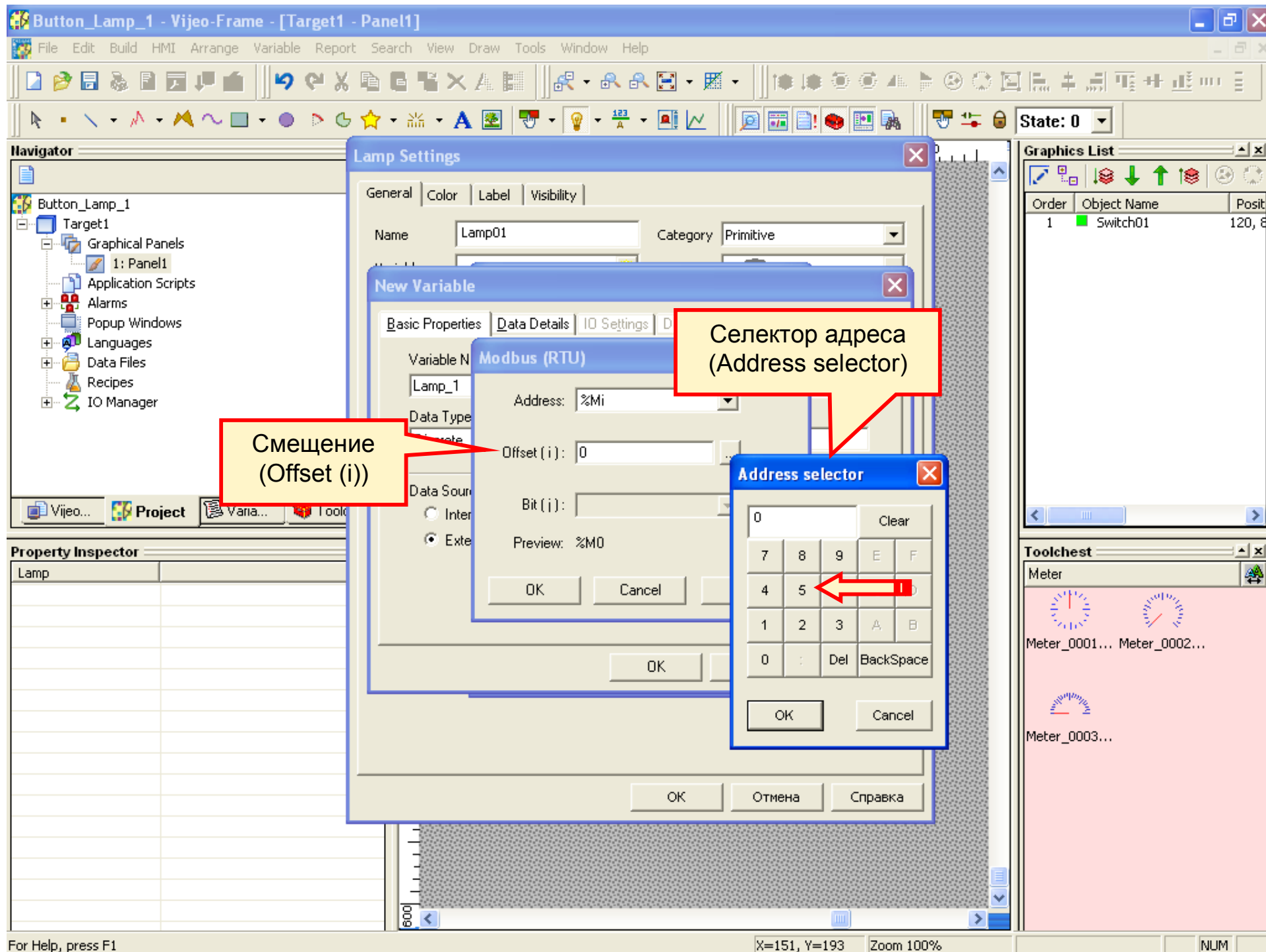
Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1 X=151, Y=193 Zoom 100% NUM





Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

New Variable

Basic Properties Data Details IO Settings Data Scaling Alarm

Variable Name: Lamp_1 Data Type: Discrete

Modbus (RTU)

Address: %Mi Offset (i): 5 Bit (i): Preview: %M5

OK Cancel Help

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1 X=151, Y=193 Zoom 100% NUM

Предпросмотр (Preview)

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

New Variable

Basic Properties Data Details IO Settings Data Scaling Alarm

Variable Name: Lamp_1 Description:

Data Type: Discrete Array Dimension: 0

Data Source: ☐ Internal ☒ External ScanGroup: ModbusEquipment01

Device Address: %M5

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter_0001... Meter_0002...

Meter_0003...

Адрес устройства (Device Address)

OK Отмена Справка

For Help, press F1 X=151, Y=193 Zoom 100% NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable: 01

State: 0

Expression Editor Pad

Expression

Variable List

- Lamp_1
 - Target1
 - b_Switch01 [%M3]
 - Lamp_1 [%M5]

Добавленная переменная

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

Property Inspector

Lamp

For Help, press F1

X=151, Y=193 Zoom 100%

NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable: Lamp_1

State: [Off]

Style: 10001

Назначенная лампе переменная

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Property Inspector

Lamp

Toolchest

Meter

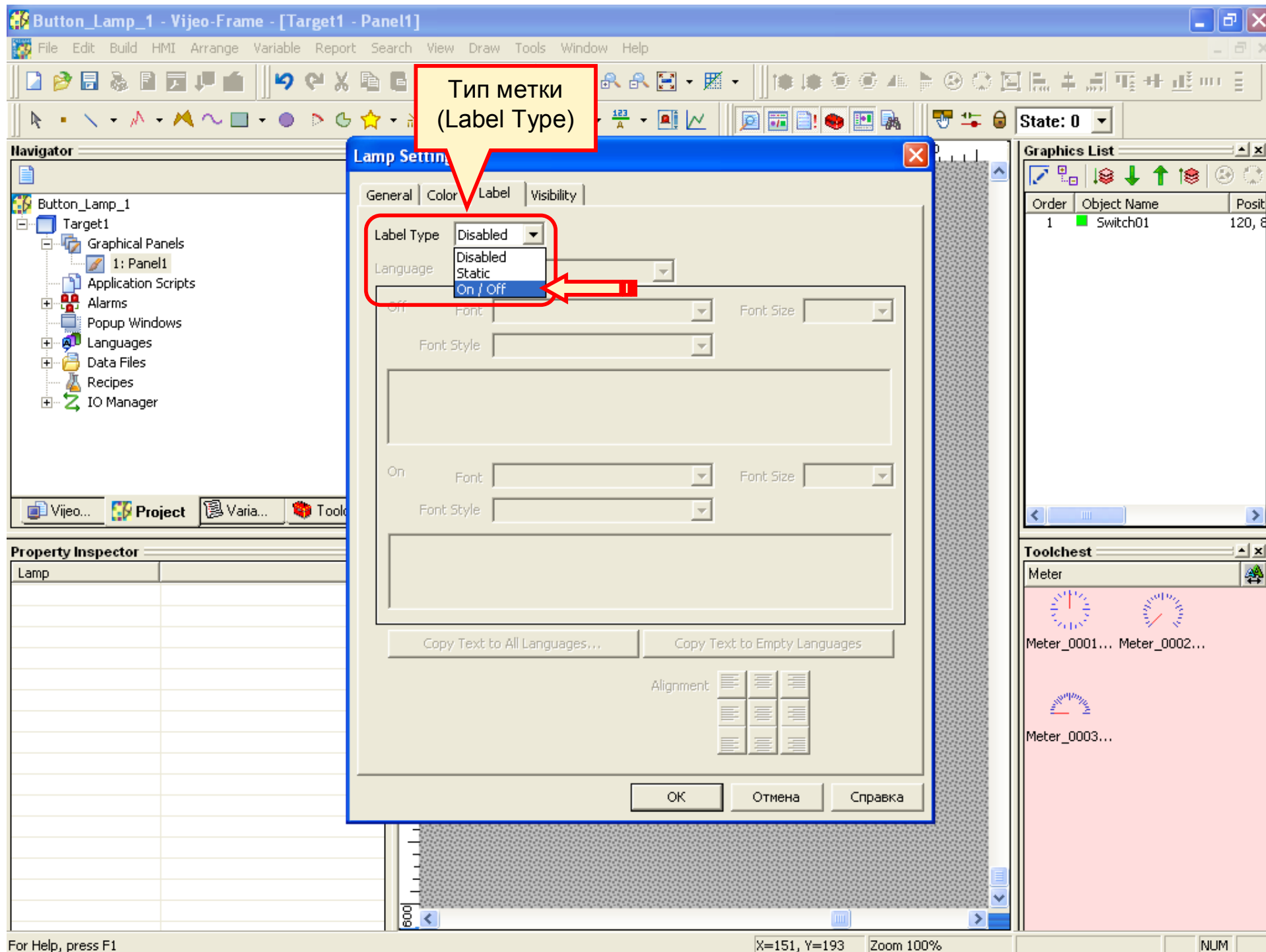
Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=151, Y=193 Zoom 100%

NUM



Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup W
 - Language
 - Data File
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

Name: Lamp01 Category: Primitive

Variable: Lamp_1

Style: 10001

State: [Off]

OFF

Text Color: [Light Blue]

3D Color: [Blue]

Frame Color: [Pattern]

Fore Color: [Green]

Back Color: [Black]

Pattern: 1: [Black]

Blink: None

ON

Text Color: [Black]

3D Color: [Blue]

Frame Color: [Pattern]

Fore Color: [Red]

Back Color: [Black]

Pattern: 1: [Black]

Blink: None

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=147, Y=189 Zoom 100%

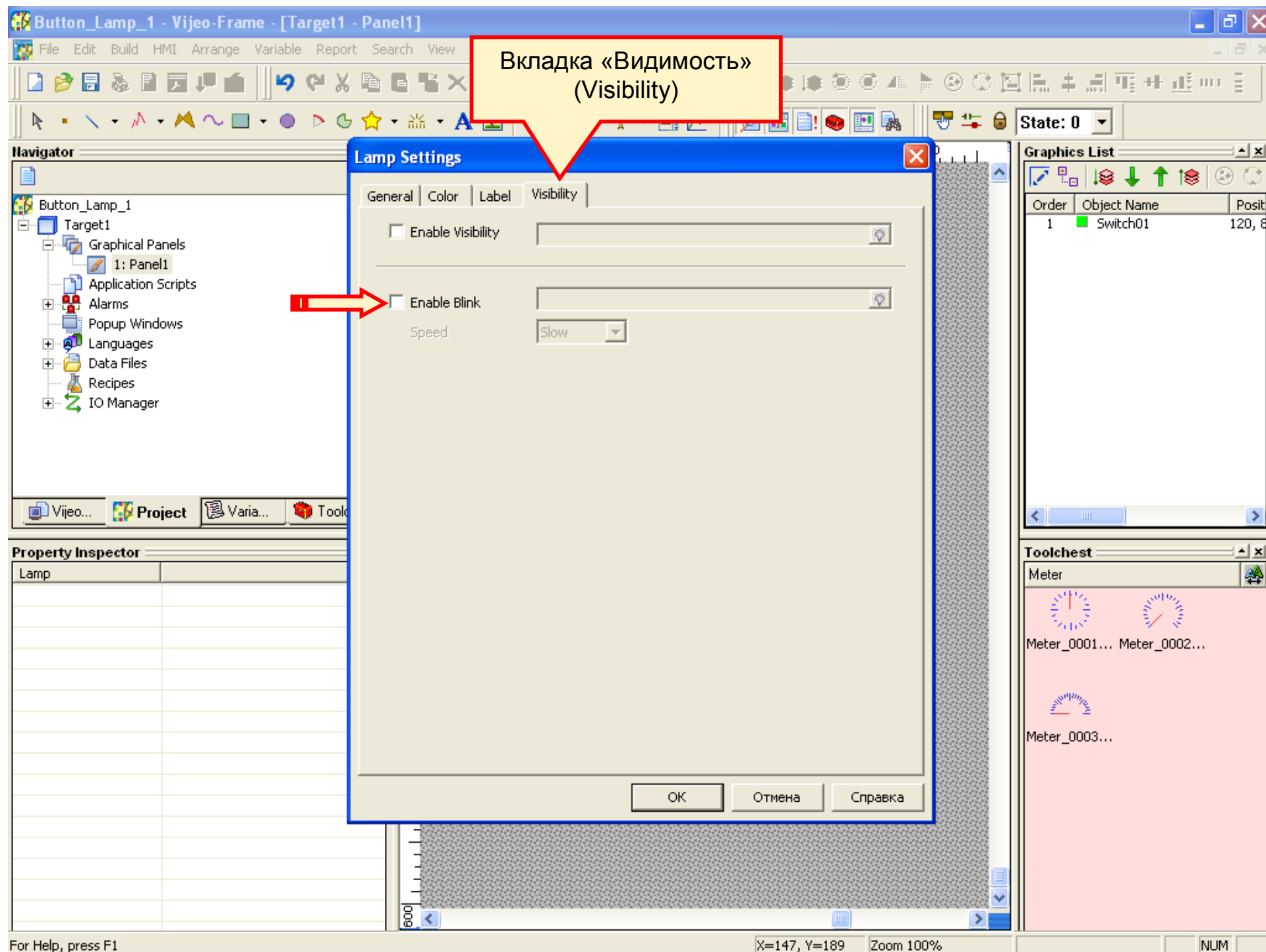
NUM

Светлый цвет надписи

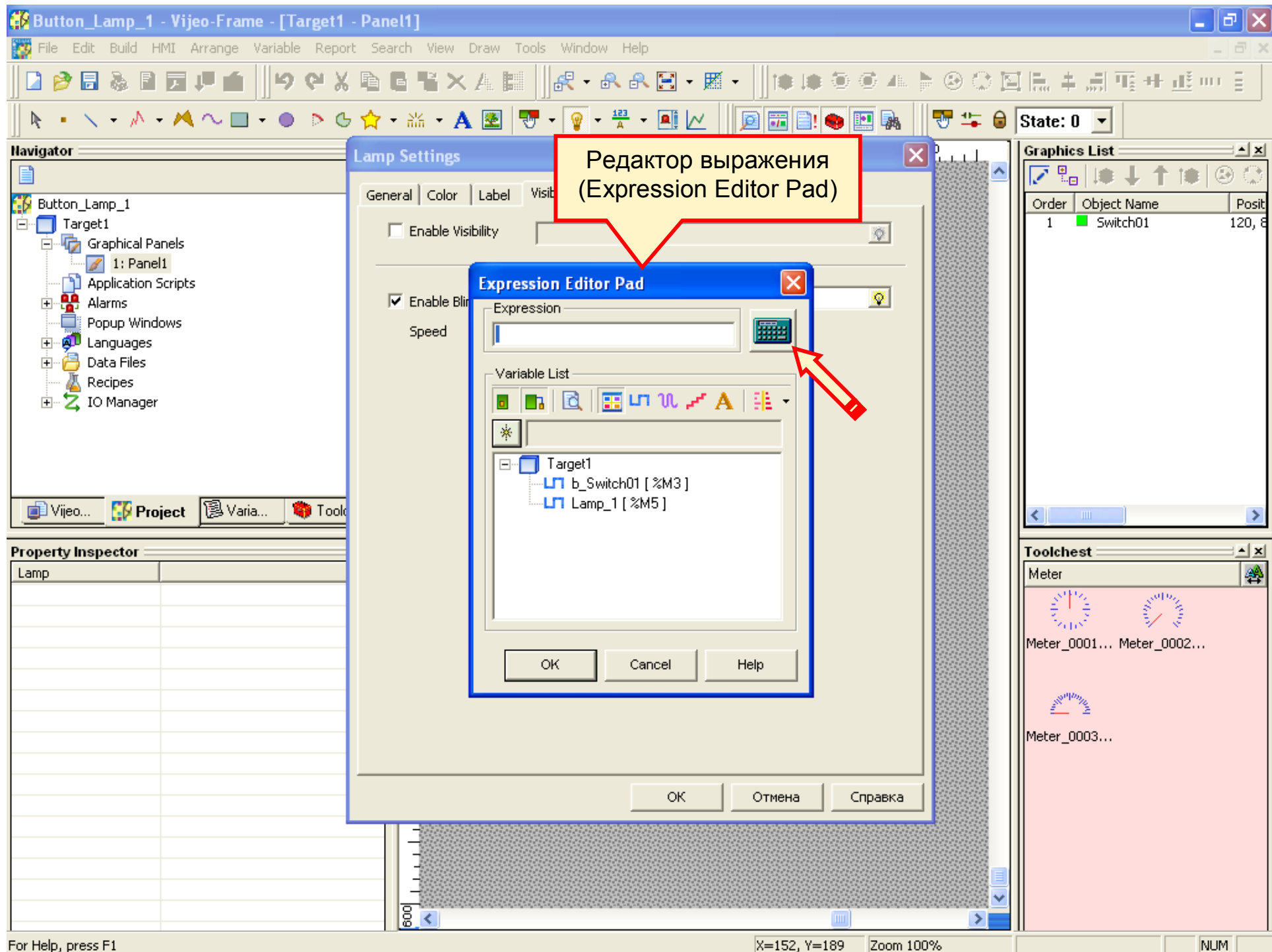
Темный цвет надписи

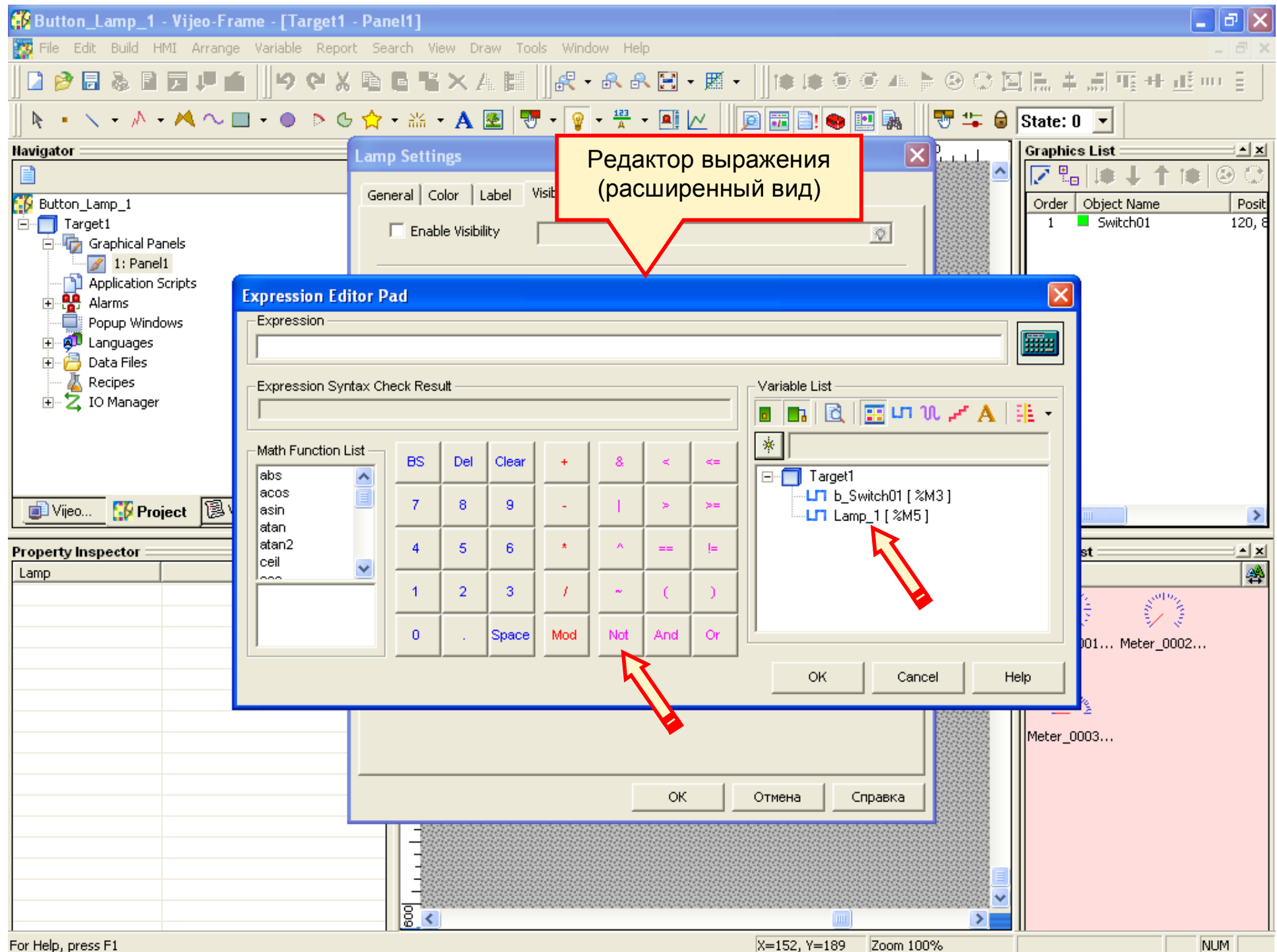
Темный цвет поверхности

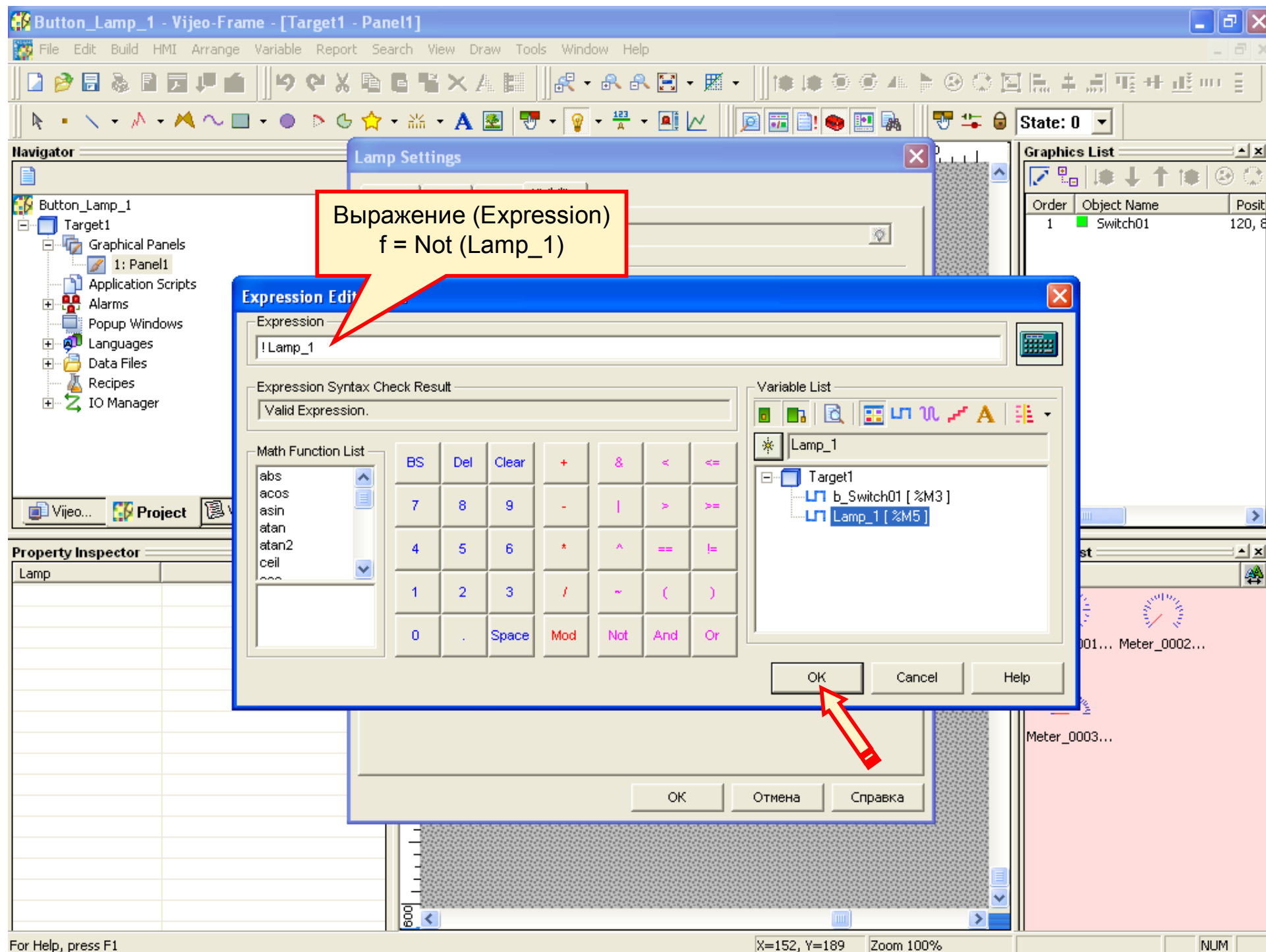
Светлый цвет поверхности













Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Lamp Settings

General Color Label Visibility

☐ Enable Visibility

☒ Enable Blink ! Lamp_1

Speed

Slow

Slow

Fast

Частота мигания (Speed)

OK Отмена Справка

Graphics List

Order	Object Name	Posit
1	Switch01	120, 8

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

X=152, Y=189 Zoom 100%

NUM



Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

State: 0

Navigator

- Button_Lamp_1
 - Target1
 - Graphical Panels
 - 1: Panel1
 - Application Scripts
 - Alarms
 - Popup Windows
 - Languages
 - Data Files
 - Recipes
 - IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Lamp	
Name	Lamp01
Top	160
Left	120
Width	40
Height	40
Lamp Variable	Lamp_1
+ General	...
+ Color	...
+ Label	On / Off
+ Visibility	...
SaveDefaults	>>>
RestoreDefaults	<<<

Лампа в списке графических объектов (Graphics List)

Order	Object Name	Posit
2	Lamp01	120, 1
1	Switch01	120, 8

Feedback Zone

Свойства лампы (Properties)

Toolchest

Meter

Meter_0001... Meter_0002...

Meter_0003...

For Help, press F1

NUM

Button_Lamp_1 - Vijeo-Frame - [Target1 - Panel1]

File Edit Build HMI Arrange Variable Report Search View Draw Tools Window Help

Clean All
Validate All
Build All F7

Clean Target
Validate Target
Build Target

Simulation
Start Device Simulation

Download All
Download Target

Options...

Navigator

- Button_Lar
- Target
- Gr
- Ap
- Ala
- Po
- Lan
- Data Files
- Recipes
- IO Manager

Vijeo... Project Varia... Toolc...

Property Inspector

Lamp	
Name	Lamp01
Top	160
Left	120
Width	40
Height	40
Lamp Variable	Lamp_1
+ General	...
+ Color	...
+ Label	On / Off
+ Visibility	...
SaveDefaults	>>>
RestoreDefaults	<<<

0 100 200 300 400

100 200 300 400 500 600

Выкл.

Feedback Zone

Meter

Meter_0001... Meter_0002...

Meter_0003...

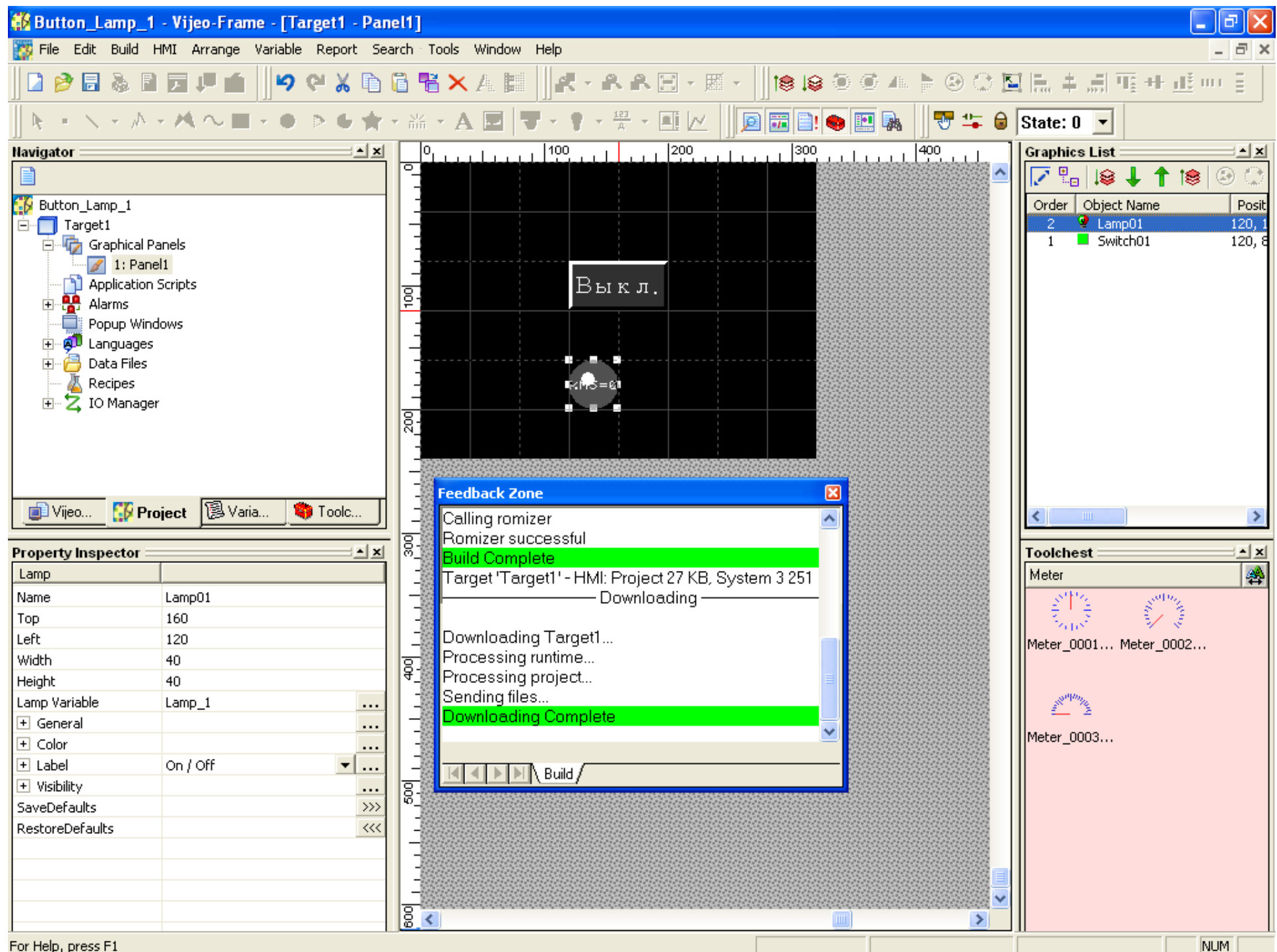
Graphics List

Order	Object Name	Posit
2	Lamp01	120, 1
1	Switch01	120, 8

State: 0

NUM

For Help, press F1



Работа в «Vijeo Designer»
завершена.

Переходим к «Twido Suite»

