

Novigo

19" cabinets

PH2003-A2, PH2004-A2, PH2005-A2, PH2006-A2, PH2007-A2, PH2008-A2, PH2009-A2,
PH2010-A2, PH2011-A2, PH2012-A2



Flexible, EN 54-16-certified 19" cabinets designed in compliance with industry standards for the installation of Novigo system components.

- 19" cabinets specially designed to meet the requirements of Novigo system components
- Depending on customer requirements, cabinets can be ordered from the tried-and-tested Rittal and ERA modular systems
- Pre-assembled for accommodating Novigo system components
- Can be used in demanding commercial and industrial environments
- Ideally suited for smaller applications such as schools, as well as for very large-scale applications such as airports
- Can be expanded individually as required
- Available in different heights and designs
- Can be ordered with swivel frame to enable easy access to the system components in difficult space conditions

Use

19" cabinets provide a space-saving and secure solution for accommodating Novigo system components, such as audio matrices, power amplifiers, Ethernet switches, and the power supply.

Thanks to their modular design, these cabinets can be used flexibly and provide enough space for small announcement and evacuation applications, e.g., in schools, as well as for large-scale applications, e.g., in airports and large office buildings.


They are pre-assembled in accordance with the requirements for Novigo system components to provide maximum protection, even with tough ambient conditions.


There is an active ventilation system for the inside of all of the cabinets, which guarantees that system components can be operated to maximum effect within the specified operating temperatures. This ensures that system components work reliably even when loads are heavy and outside temperatures are high.

Cabinets with a swivel frame provide ease of access to system components even when space is limited at the installation site, minimizing the amount of time and money to be spent on maintenance and repair.

Features and Functions

Rittal – cabinets with swivel frame

PH2003-A2	'Rittal (40HU, swivel, 80x80)'
 A tall, black, 40-unit high Rittal cabinet with a swivel frame. The front door is open, revealing the internal components and the swivel mechanism. The cabinet has a viewing door on the front and a sheet-steel back door.	<ul style="list-style-type: none">• 40 HU• 19" heavy-duty swivel frame with gliding rails• External dimensions: 800 x 800 mm• Active ventilation• Aluminum viewing door at front, lockable• Sheet-steel back door, lockable• Roof panel with cable entry points• Base with four corner pieces and corresponding orifices• Circuit diagram holder, A4

PH2004-A2	'Rittal (22HU, swivel, 80x80)'
 A shorter, black, 22-unit high Rittal cabinet with a swivel frame. The front door is open, revealing the internal components and the swivel mechanism. The cabinet has a viewing door on the front and a sheet-steel back door.	<ul style="list-style-type: none">• 22 HU• 19" swivel frame with gliding rails• External dimensions: 800 x 800 mm• Active ventilation• Aluminum viewing door at front, lockable• Sheet-steel back door, lockable• Roof panel with cable entry points• Base with four corner pieces and corresponding orifices• Circuit diagram holder, A4

Rittal – cabinets with fixed frame

PH2005-A2	'Rittal (42HU, fix, 80x80)'
No figure	<ul style="list-style-type: none"> ● 42 HU ● 19" frame, fixed, with profile rails ● External dimensions: 800 x 800 mm ● Active ventilation ● Aluminum viewing door at front, lockable ● Sheet-steel back door, lockable ● Roof panel with cable entry points ● Base with four corner pieces and corresponding orifices ● Circuit diagram holder, A4


PH2006-A2	'Rittal (24HU, fix, 80x80)'
No figure	<ul style="list-style-type: none"> ● 24 HU ● 19" frame, fixed, with profile rails ● External dimensions: 800 x 800 mm ● Active ventilation ● Aluminum viewing door at front, lockable ● Sheet-steel back door, lockable ● Roof panel with cable entry points ● Base with four corner pieces and corresponding orifices ● Circuit diagram holder, A4

ERA – cabinets with swivel frame

PH2007-A2	'ERA (40HU, swivel, 80x80)'
No figure	<ul style="list-style-type: none"> ● 40 HU ● 19" swivel frame ● External dimensions: 800 x 800 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base

PH2008-A2	'ERA (23HU, swivel, 80x80)'
No figure	<ul style="list-style-type: none"> ● 23 HU ● 19" swivel frame ● External dimensions: 800 x 800 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base

ERA – cabinets with fixed frame

PH2009-A2	'ERA (43HU, fix, 80x80)'
No figure	<ul style="list-style-type: none"> ● 43 HU ● 19" frame, fixed ● External dimensions: 800 x 800 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base
PH2010-A2	'ERA (26HU, fix, 80x80)'
No figure	<ul style="list-style-type: none"> ● 26 HU ● 19" frame, fixed ● External dimensions: 800 x 800 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base
PH2011-A2	'ERA (43HU, fix, 60x60)'
	<ul style="list-style-type: none"> ● 43 HU ● 19" frame, fixed ● External dimensions: 600 x 600 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base
PH2012-A2	'ERA (26HU, fix, 60x60)'
No figure	<ul style="list-style-type: none"> ● 26 HU ● 19" frame, fixed ● External dimensions: 600 x 600 mm ● Active ventilation ● Viewing front door, lockable ● Integrated base

Type Overview

Rittal – cabinets with swivel frame

Type	PH2003-A2	PH2004-A2
Designation	Rittal (40HU, swivel, 80x80)	Rittal (22HU, swivel, 80x80)
Order number	OFB:NOVIGO_2106	OFB:NOVIGO_2107
Housing type	19" pedestal cabinet	
W x H x D mm	800 x 2150 x 800	800 x 1350 x 800
Weight	206 kg	155 kg

Rittal – cabinets with fixed frame

Type	PH2005-A2	PH2006-A2
Designation	Rittal (42HU, fix, 80x80)	Rittal (24HU, fix, 80x80)
Order number	OFB:NOVIGO_2108	OFB:NOVIGO_2109
Housing type	19" pedestal cabinet	
W x H x D mm	800 x 2150 x 800	800 x 1350 x 800
Weight	189 kg	150 kg

ERA – cabinets with swivel frame



The dimensions in the table below relate to the cabinet body without side walls, doors or any accessories.

Type	PH2007-A2	PH2008-A2
Designation	ERA (40HU, swivel, 80x80)	ERA (23HU, swivel, 80x80)
Order number	OFB:NOVIGO_2110	OFB:NOVIGO_2111
Housing type	19" pedestal cabinet	
W x H x D mm	800 x 2200 x 800	800 x 1450 x 800
Weight	196 kg	153 kg

ERA – cabinets with fixed frame



The dimensions in the table below relate to the cabinet body without side walls, doors or any accessories.

Type	PH2009-A2	PH2010-A2	PH2011-A2	PH2012-A2
Designation	ERA (43HU, fix, 80x80)	ERA (26HU, fix, 80x80)	ERA (43HU, fix, 60x60)	ERA (26HU, fix, 60x60)
Order number	OFB:NOVIGO_2112	OFB:NOVIGO_2113	OFB:NOVIGO_2114	OFB:NOVIGO_2115
Housing type	19" pedestal cabinet			
W x H x D mm	800 x 2200 x 800	800 x 1450 x 800	600 x 2200 x 600	600 x 1450 x 600
Weight	184 kg	143 kg	154 kg	118 kg

Accessories

You will find more information on suitable accessories in the data sheet with document ID 'A6V11467211'.

Order numbers

Type	Designation	Order number
19" cabinets		
PH2003-A2	Rittal (40HU, swivel, 80x80)	OFB:NOVIGO_2106
PH2004-A2	Rittal (22HU, swivel, 80x80)	OFB:NOVIGO_2107
PH2005-A2	Rittal (42HU, fix, 80x80)	OFB:NOVIGO_2108
PH2006-A2	Rittal (24HU, fix, 80x80)	OFB:NOVIGO_2109
PH2007-A2	ERA (40HU, swivel, 80x80)	OFB:NOVIGO_2110
PH2008-A2	ERA (23HU, swivel, 80x80)	OFB:NOVIGO_2111
PH2009-A2	ERA (43HU, fix, 80x80)	OFB:NOVIGO_2112
PH2010-A2	ERA (26HU, fix, 80x80)	OFB:NOVIGO_2113
PH2011-A2	ERA (43HU, fix, 60x60)	OFB:NOVIGO_2114
PH2012-A2	ERA (26HU, fix, 60x60)	OFB:NOVIGO_2115

Product documentation

You will find more information on the Novigo system and its components in the following documents:


Title	Document ID
IT security policies	
Novigo – IT security policies	A6V11773711
System documentation	
Novigo – planning	A6V11467812
'PACE-Design' – configuration	A6V11474760
Novigo – mounting / installation	A6V11467817
Novigo – operation	A6V11467803
Data sheets	
System data sheet	A6V11467196
19" cabinets	A6V11467209
Digital audio matrix	A6V11467202
Power amplifier	A6V11467204
Operating terminals	A6V11467198
Call stations and extensions	A6V11467200
Power supply and batteries	A6V11467207
Accessories and options	A6V11467211
Loop isolator (100V)	
Loop isolator (100V) - technical manual	A6V11571319
Environmental declaration	
Novigo – environmental declaration	A6V11948779

Download center


Related documents such as environmental declarations, CE declarations, etc., can be downloaded at the following Internet address:

<http://siemens.com/bt/download>

Safety

	⚠ CAUTION
	<p>National safety regulations</p> <p>Failure to comply with national safety regulations may result in personal injury and property damage.</p> <ul style="list-style-type: none"> • Observe national provisions and comply with the appropriate safety regulations.

Disposal

	<p>The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.</p> <ul style="list-style-type: none"> • Dispose of the device through channels provided for this purpose. • Comply with all local and currently applicable laws and regulations.
---	--

Environmental compatibility

The Environmental Product Declaration (EPD) for 'Novigo VANSYS' contains data and information on the product's environmentally compatible design features and its ratings; for example, its RoHS conformity, composition, packaging, environmental benefits, and disposal information.

You can obtain the document A6V11948779 via the following Internet address:

<https://siemens.com/bt/download>

Enter the document ID in the search field.

Technical data

Rittal – cabinets with swivel frame

	PH2003-A2	PH2004-A2
HU	40	22
Material		
Housing	Sheet-steel; powder-coated	
Front door	Safety glass; aluminum; powder-coated	
Back door	Sheet-steel; powder-coated	
Max. load capacity	3500 N	3500 N
Ambient conditions		
Operating temperature	-5...+50 °C	
Dimensions and weights		
W x H x D mm	800 x 2150 x 800	800 x 1350 x 800
Weight	206 kg	155 kg
Protection category and color		
Protection category (IEC 60529)	IP30	
Color:		
Housing	~RAL 7035	
Interior	~RAL 7035	

Rittal – cabinets with fixed frame

	PH2005-A2	PH2006-A2
HU	42	24
Material		
Housing	Sheet-steel; powder-coated	
Front door	Safety glass; aluminum; powder-coated	
Back door	Sheet-steel; powder-coated	
Max. load capacity	15000 N	
Ambient conditions		
Operating temperature	-5...+50 °C	
Dimensions and weights		
W x H x D mm	800 x 2150 x 800	800 x 1350 x 800
Weight	189 kg	150 kg
Protection category and color		
Protection category (IEC 60529)	IP30	
Color:		
Housing	~RAL 7035	
Interior	~RAL 7035	

ERA – cabinets with swivel frame

	PH2007-A2	PH2008-A2
HU	40	23
Material		
Housing	Sheet-steel; powder-coated	
Front door	Safety glass; sheet-steel; powder-coated	
Dimensions and weights		
W x H x D mm	800 x 2200 x 800	800 x 1450 x 800
Weight	196 kg	153 kg
Protection category and color		
Protection category (IEC 60529)	IP30	
Color	~RAL 7035	

ERA – cabinets with fixed frame

	PH2009-A2	PH2010-A2	PH2011-A2	PH2012-A2
HU	43	26	43	26
Material				
Housing	Sheet-steel; powder-coated			
Front door	Safety glass; sheet-steel; powder-coated			
Dimensions and weights				
W x H x D mm	800 x 2200 x 800	800 x 1450 x 800	600 x 2200 x 600	600 x 1450 x 600
Weight	184 kg	143 kg	154 kg	118 kg
Protection category and color				
Protection category (IEC 60529)	IP30			
Color:				
Housing	~RAL 7035			
Interior	~RAL 7035			