

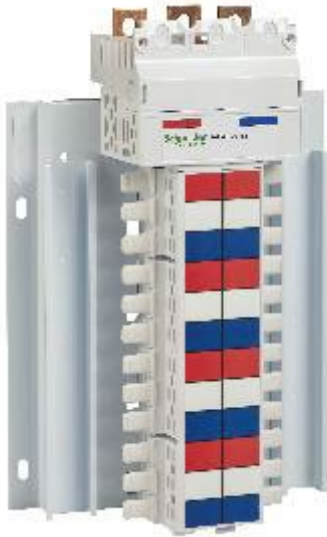


Acti9 New Encapsulated chassis

Schneider Electric New Zealand

Acti9 Encapsulated Chassis SAU250 & SAU400

Offer



- IP2X encapsulation for safer switchboards
- Main Busbar rating **250A** and **400A**
- High perf.: Short circuit withstand, Icw 25kA @ 0.1s
- Available in various configurations & sizes up to 108 poles
- Support documentation and reference designs available to help you assess your board as per AS/NZS 61439

Acti9 Encapsulated chassis SAU250 & SAU400

Overview

■ Wide offer

Three-phase chassis come in various sizes from 12 to 108 poles 18 mm, 27 mm or hybrid chassis. Main Busbar ratings available in 250A and 400A



■ Standard compliance

The encapsulated chassis has been tested in assemblies up to 400 A in accordance with AS/NZS 61439-1

■ Universal feed option

The encapsulated chassis is available as a single end feed or dual feed for total flexibility

■ Acti9 Circuit Protection

Suitable for use with standard Schneider Electric circuit protection MCBs, Add-on RCDs and RCBOs

■ Flexible chassis

Colored phase identification labels are not attached to single feed chassis, so customers have the choice of top or bottom feed connection

Acti9 Encapsulated chassis SAU250 & SAU400

Compatible devices examples

SAU 250		SAU 400
Standard chassis 3P	Phase Neutral 4P or 3P+N	Standard chassis 3P
Compact NSX 		
Compact INS 		 400CK2* 
Upto 250A direct connection		Upto 400A with chassis connection kit ref 400CK2*

Chassis Incomer devices

for MCB

1P, 2P, 3P iC60



1P, 2P, 3P C120



for Add-on Vigi block

1P+N, 3P+N iC60



Outgoing poles Circuit protection devices

for RCBO

1P+N 2P iC60



Acti9 Encapsulated chassis SAU250 & SAU400

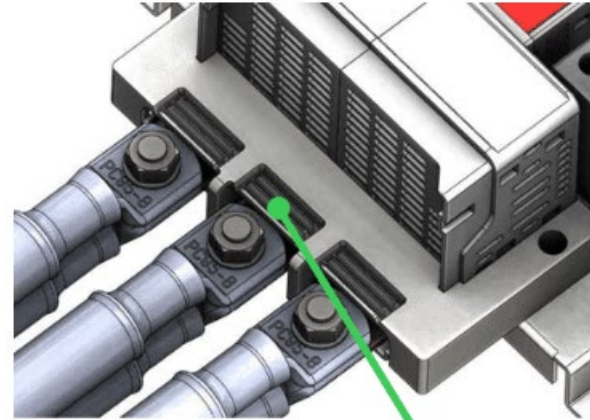
Improved protection on main connections



COVER

Direct connection of 250A main incomers

Cover is provided along with chassis for direct connection to INS250 Switches or NSX250 MCCBs.



TERMINAL SHIELD

Accessory Ref: SAU250TAGCOVER

Cable Connection kit

When the main switch is mounted remotely/not direct onto the chassis, shroud kit can be installed around cable connection.

Acti9 Encapsulated chassis SAU250 & SAU400

Improved protection on main connections



Dual Feed Chassis,
Accessory Ref: SAU250TAGCOVER

DUST COVER

Connection between chassis-chassis

Connection between chassis to chassis for power & lighting monitoring, shroud kit can be installed as well



Accessory Ref: SAU250TAGCOVER

**DUST COVER AND
TEE-OFF END-CAPS**

Provide additional protection to the tag area

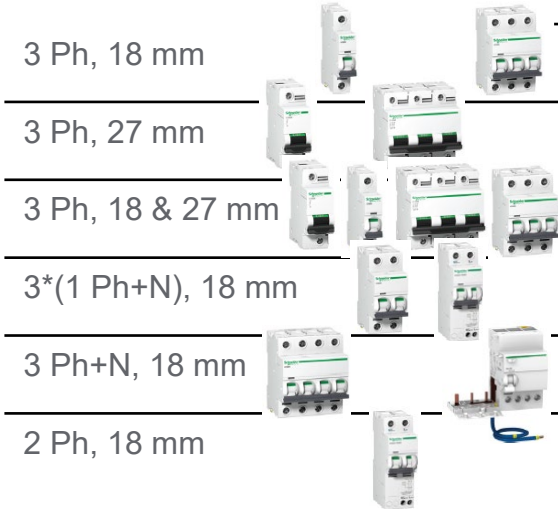
If the bottom of the Dual Feed encapsulated chassis is unused, IP2X is maintained with shroud kit and three tag boots included.







Acti9 Encapsulated chassis SAU250 & SAU400

Ranges overview



Examples of outgoing circuit protection



	Top or Bottom Feed		Dual Feed	
	250 A	400 A	250 A	400 A
3 Ph, 18 mm	12 to 108 poles	12 to 96 poles 	12 to 108 poles	12 to 96 poles 
3 Ph, 27 mm	Until end 2023 >	12 to 72 poles 	-	12 to 72 poles 
3 Ph, 18 & 27 mm	Until end 2023 >	12 to 72 poles 	-	12 to 72 poles 
3*(1 Ph+N), 18 mm	8 to 72 poles	-	8 to 72 poles	-
3 Ph+N, 18 mm	8 to 72 poles	-	-	-
2 Ph, 18 mm	12 to 72 poles		12 to 72 poles	

Ref. GCR_SAU_PTO for special chassis Made to Order

Life Is On



Acti9 Isobar chassis

Overview

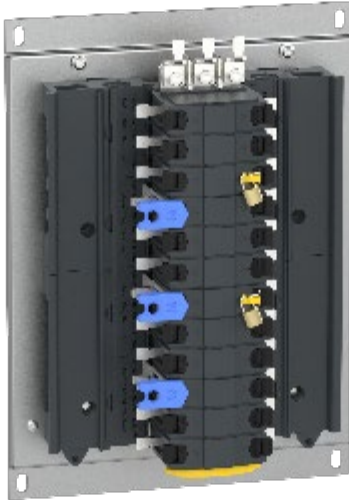
■ Wide offer

Three-phase chassis come in various sizes from 12 to 72 poles, 18 mm pitch.

Main Busbar rating available in **250A**

■ Distributed neutral on demand

Any outgoing pole can be converted to a Neutral using one of the **new distributed neutral kits**.



■ Off-load slider switch

Isolate unused outgoing poles from the main supply. The result is an enhanced level of safety during testing, commissioning and retrofit applications.

■ Acti9 Circuit Protection

Suitable for use with standard Schneider Electric chassis mount circuit protection MCBs, RCBOs and Add-on RCDs

■ Busbar Padlocking option

Safety during maintenance



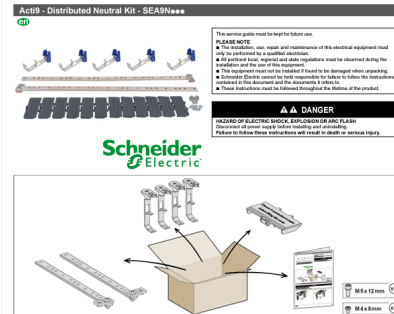
Acti9 Isobar chassis

How to fit a distributed neutral kit inside Isobar

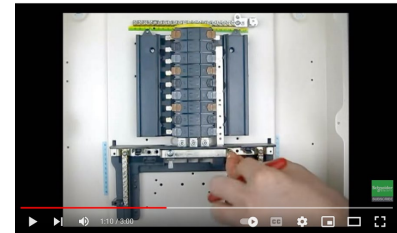


Part Reference	Description	No of Ways
SEA9NB4	Distributed neutral kit for 4 way TP&N	12
SEA9NB6	Distributed neutral kit for 6 way TP&N	18
SEA9NB8	Distributed neutral kit for 8 way TP&N	24
SEA9NB12	Distributed neutral kit for 12 way TP&N	36
SEA9NB16	Distributed neutral kit for 16 way TP&N	48
SEA9NB18	Distributed neutral kit for 18 way TP&N	54
SEA9NB24	Distributed neutral kit for 24 way TP&N	72
SEA9NKIT	Phase to Neutral coversion kit (pack of 4)	

- Instruction sheet



- Video



Acti9 Isobar chassis

Ranges overview



Examples of outgoing circuit protection

Top or Bottom Feed

250 A

3 Ph, 18 mm



TNA version

12 to 72 poles

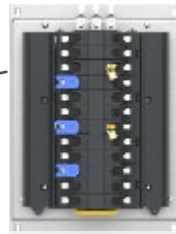
3 Ph, 18 mm

PEV version

12 to 72 poles

Distributed neutral kits compatible with

TNA & PEV versions



Distributed Neutral on demand

Acti9 MSC chassis

Ranges overview

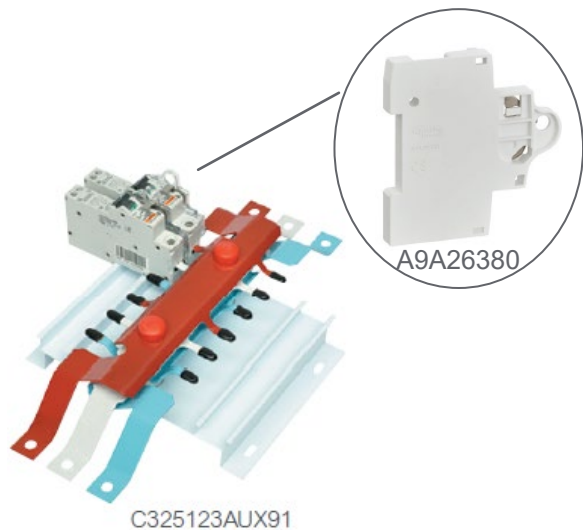


		Dual Feed	
		250 A	400 A
Examples of outgoing circuit protection			
3 Ph, 18 mm		12 to 108 poles	12 to 108 poles
3 Ph, 1P+aux & 3P+aux		12 to 72 poles	Special
2 Ph			12 to 72 poles
3 Ph, 18 & 27 mm		12 to 60 poles	12 to 84 poles
3 Ph, 27 mm		12 to 72 poles	12 to 72 poles
3*(1 Ph+N), 18 mm		16 to 72 poles	16 to 72 poles
3 Ph+N, 18 mm		16 to 72 poles	
3*(1 Ph+N), 9mm		12 to 72 poles	Special

Other options for special chassis

Ranges overview

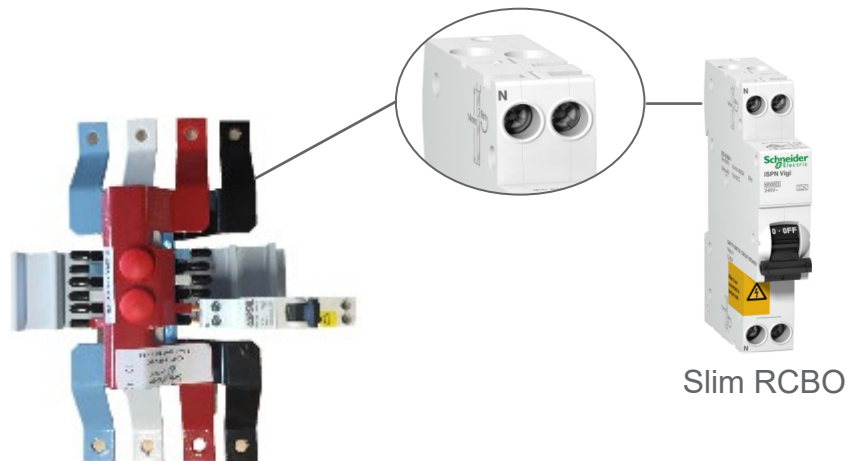
- With 9 mm Auxiliary or Captive padlock



SAUA9PLDF

- Ph+N distribution

MSC Chassis 9 mm pitch upgraded to accommodate Ph+N iSPN 10mA or iDPN Vigi RCBOs & iDPN VigiArc AFDDs.



Acti9 Chassis offers – SE website

Where are the chassis

The screenshot shows the Schneider Electric website interface. At the top, there is a navigation bar with 'New Zealand', 'Our Brands', 'My Products', 'My Documents', and 'Login/Register'. Below this is a search bar and the 'IMPACT Company' logo. The main navigation menu includes 'Products', 'Solutions', 'Services', 'Support', and 'About Us'. The 'Products' menu is expanded, showing several categories: 'Residential and Small Business', 'Building Automation and Control', 'Low Voltage Products and Systems', 'Medium Voltage Distribution and Grid Automation', 'Critical Power, Cooling and Racks', 'Industrial Automation and Control', and 'Go to Download Center'. The 'Switchboards and Enclosures' link under 'Low Voltage Products and Systems' is highlighted with a red box.

Products Solutions Services Support About Us

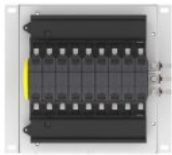
- See all Products >>
- Residential and Small Business >
 - Electrical Car Charging
 - Electrical Protection and Control
 - Home Automation
 - Home Security
 - Installation Material and System
 - Light Switches and Electrical Sockets
 - Network Infrastructure and Connectivity
 - Surge Protection and Power Conditioning
 - Switchboards and Enclosures
 - Uninterruptible Power Supply (UPS)
- Building Automation and Control >
 - Building Management
 - Controllers, Expansion Modules, Servers & HMIs
 - Energy Management Software Solutions
 - Network Infrastructure and Connectivity
 - Power Monitoring and Control
 - Power Quality and Power Factor Correction Sensors
 - Valves and Valve Actuators
 - Variable Speed Drives and Soft Starters
- Low Voltage Products and Systems >
 - Busway and Cable Management
 - Circuit Breakers and Switches
 - Contactors and Protection Relays
 - Electrical Car Charging
 - Electrical Protection and Control
 - Enclosures and Accessories
 - Energy Management Software Solutions
 - Light Switches and Electrical Sockets
 - Medical Products
 - Motor Starters and Protection Components
 - Power Monitoring and Control
 - Power Quality and Power Factor Correction
 - Pushbuttons, Switches, Pilot Lights and Joysticks
 - Surge Protection and Power Conditioning
 - Switchboards and Enclosures
- Medium Voltage Distribution and Grid Automation >
 - Energy Management Software Solutions
 - Feeder Automation
 - Field Services
 - Grid Automation and SCADA Software
 - Medium-Voltage/Low-Voltage Prefabricated Substations
 - Medium Voltage Switchgear
 - Medium-Voltage Transformers
 - Outdoor Equipment
 - Power Monitoring and Control
 - Protection Relays by Application
 - Protection Relays by Range
 - Substation Automation
 - Switchgear Components
- Critical Power, Cooling and Racks >
 - Cooling
 - Critical Power and Cooling Services
 - Data Center Software
 - IT Power Distribution
 - Racks and Accessories
 - Security and Environmental Monitoring
 - Surge Protection and Power Conditioning
 - Uninterruptible Power Supply (UPS)
- Industrial Automation and Control >
 - Boxes, Cabling and Interfaces
 - Contactors and Protection Relays
 - Enclosures and Accessories
 - HMI (Terminals and Industrial PC)
 - Industrial Communication
 - Interface, Measurement and Control Relays
 - Measurement and Instrumentation
 - Motion Control and Robotics
 - Motor Starters and Protection Components
 - PLC, PAC and Dedicated Controllers
 - Power Supplies, Power Protection and Transformers
 - Process Control and Safety
 - Pushbuttons, Switches, Pilot Lights and Joysticks
 - Sensors and RFID System
 - Signaling Units
 - Software
 - Telemetry and Remote SCADA Systems
 - Variable Speed Drives and Soft Starters
- Go to Download Center >>

Acti9 Chassis offers – SE website

What's chassis ranges are there

Chassis and Comb Busbars

Ranges



Acti9 Isobar Chassis

The Isobar chassis is available in TNA version.



Acti9 Comb Busbars

Comb Busbars and accessories



Acti9 Encapsulated Chassis

Wide range of chassis providing a higher level of safety, from 12 pole to 108 pole



Acti9 MSC Chassis

Available in 250A & 400A versions, the range offers the essential features, covers a variety of applications and specific...

Where 2D & 3D CAD drawings, design verification guidelines to AS/NZS 61439 standards can be downloaded

Life Is On

Schneider
Electric