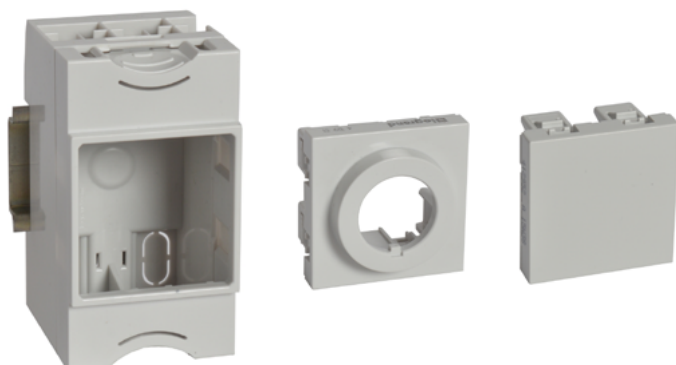


DX³ universal support and adaptors

Cat.Nos: 4 129 50 - 4 129 51 - 4 129 52



SOMMAIRE

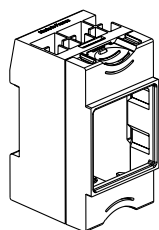
Page

1. Use	1
2. Range	1
3. Dimensions	1
4. Technical characteristics	1
5. Installation	2
6. Connection	3
7. Equipment	3
8. Maintenance	3
9. Standards and regulations	4

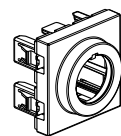
1. USE

For integrating Mosaic, Arteor and Osmoz mechanisms and various other products (potentiometer, etc.) on a modular rail.

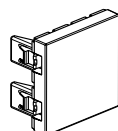
2. RANGE



4 129 50: Universal support for Mosaic and Arteor mechanisms



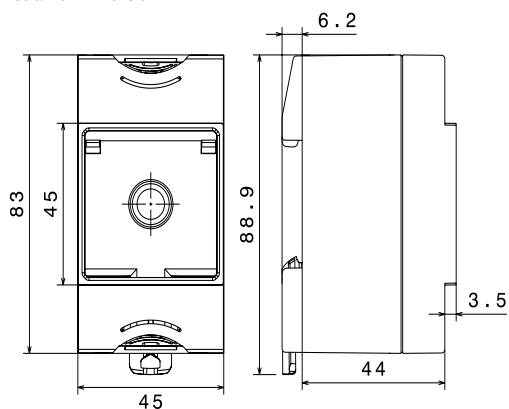
4 129 51: Adaptor for Osmoz mechanism



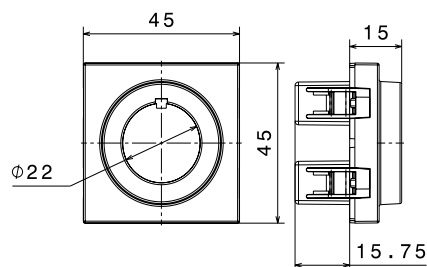
4 129 52: Solid adaptor (to be drilled) for various wiring accessories (potentiometer, etc.)

3. DIMENSIONS

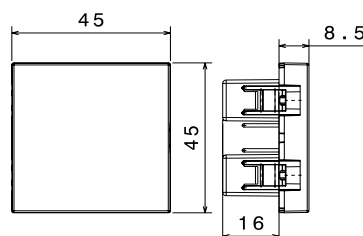
Cat.No 4 129 50



Cat.No 4 129 51



Cat.No 4 129 52



4. TECHNICAL CHARACTERISTICS

■ 4.1 Material characteristics

Cat.Nos	4 129 50	4 129 51	4 129 52
Material (halogen-free)	Polystyrene	Polycarbonate	Acrylonitrile Butadiene Styrene
Colour	Grey RAL 735		
Self-extinguishing	750°C	750°C	650°C
Impact resistance	IK 05	IK 04	IK 04
Index of protection	IP2X (assembled with Mosaic or Arteor mechanisms and Osmoz adaptors)		

■ 4.2 Climatic characteristics

Ambient operation temperature: -25°C to +70°C
Ambient storage temperature: -25°C to +70°C

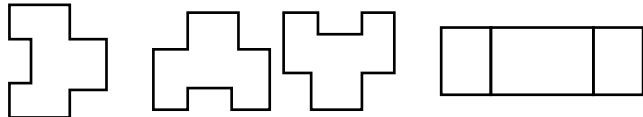
5. INSTALLATION

■ 5.1 Fixing

On symmetrical rail EN/IEC 60715 or DIN 35 symmetrical rail.

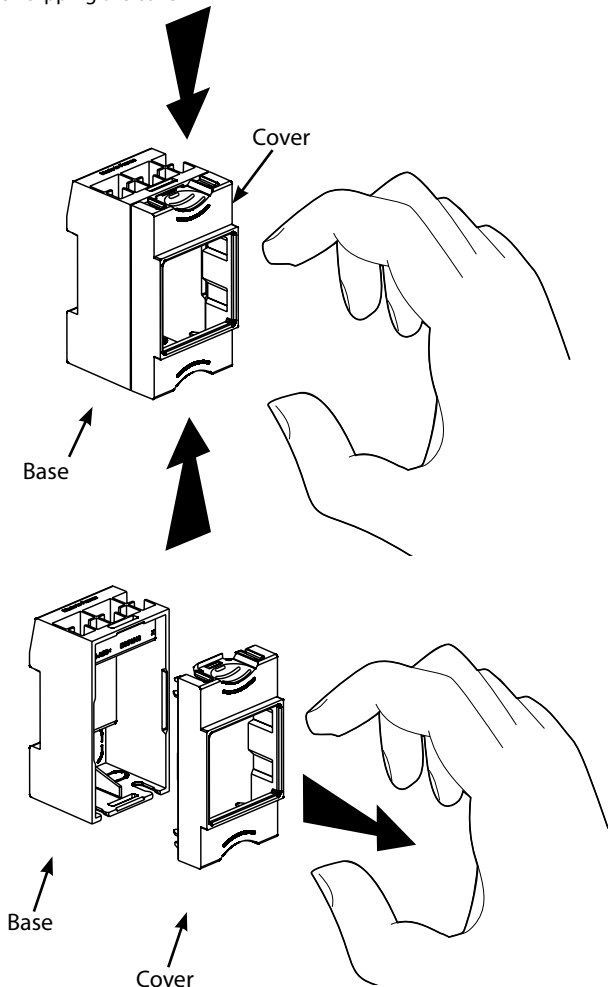
■ 5.2 Mounting options:

Vertical Horizontal Upside down Flat

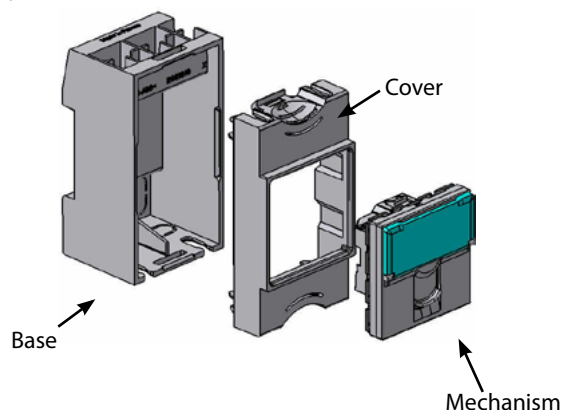


■ 5.3 Universal support Cat.No 4 129 50 installation

Unclipping the cover

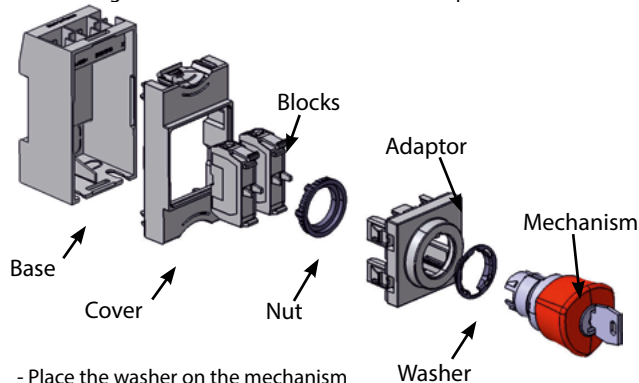


Fitting recommendations for Mosaic and Arteor mechanisms on universal support Cat. No 4 129 50



- If necessary, put the cable(s) through a knockout
- Put the cable(s) through the opening in the cover
- Wire the mechanism
- Clip the mechanism on the cover
- Clip the assembly on the base

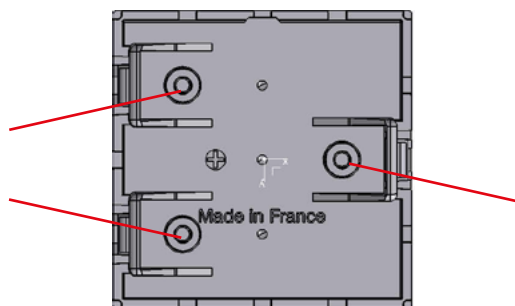
Assembling recommendations for the Osmoz adaptor Cat. No 4 129 51



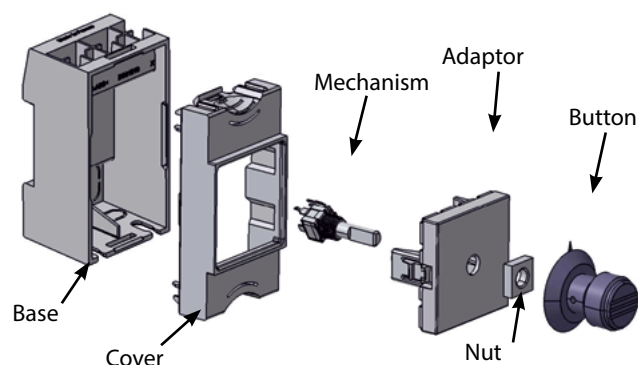
- Place the washer on the mechanism
- Fit the assembly on the adaptor
- Screw the nut onto the mechanism
- Fit the blocks on the adaptor
- If necessary, insert the cable(s) through a knockout
- Insert the cable(s) through the opening in the cover
- Wire the block(s)
- Clip the mechanism + adaptor assembly onto the cover
- Clip the assembly onto the base

Assembling recommendations for the solid adaptor Cat. No 4 129 52

- Drill a hole of the required diameter in the adaptor (it is possible to remove the 3 screw recesses if they are in the way).



- Insert the mechanism
- Screw the nut on the mechanism
- Fit the button on the mechanism
- If necessary, insert the cable(s) through a knockout
- Insert the cable(s) through the opening in the cover
- Wire the mechanism
- Clip the mechanism + adaptor assembly on the cover
- Clip the assembly on the base

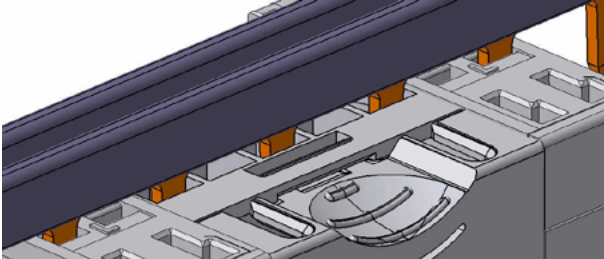


6. CONNECTION

Inserting supply busbars Cat. No 4 049 26

Holes are provided for inserting the prong-type busbar.

It is not necessary to cut the prongs of the supply busbar to mix these functions with DX3 circuit breakers or other modular products



7. EQUIPMENT

DX³ modular universal support Cat. No 4 129 50 for Mosaic and Arteor
A Mosaic or Arteor mechanism is compatible with universal support 4 129 50 if it has the following wiring:

- Up to 6 x 0.5 mm²
- Up to 6 x 1.5 mm²
- Up to 6 x 2.5 mm²
- AWG 22 to 25
- AWG 26

The following are some examples of compatible Mosaic mechanisms:

- 0 765 xx: RJ45 LCS², 1 and 2 modules
- 0 775 xx: 230 V USB socket outlet, 1 and 2 modules
- 0 784 25: Programmable time switch
- 0 785 20: Illuminated sign with white LEDs
- 0 767 20: Electronic room thermostat
- Etc.

The following are some examples of compatible Arteor mechanisms:

- 5 72x xx: RJ45 LCS², 1 and 2 modules
- 0 721 xx: Swiss standard 2P+E socket, 1 and 2 modules
- 5 722 03: Electronic room thermostat
- Etc.

Adaptor Cat. No 4 129 51 for Osmoz

Most Osmoz mechanisms are compatible with adaptor 4 129 51

The following are some examples of compatible mechanisms:

- 0 238 00/01/...: Non-illuminated spring return heads
- 0 238 41/42/...: Non-illuminated push-push heads
- 0 239 05/06/...: Non-illuminated selector switches
- 0 238 72/74/...: Non-illuminated stay-put mushroom head
- 0 246 01/02/...: One-piece pilot lights
- Etc ...

Some Osmoz mechanisms with the following characteristics are not compatible with adaptor 4 129 51:

- Illuminated versions
- Twin touch heads
- "Super-flush" heads
- Location of the positioning slot in relation to the block support area:

Not compatible with 4 129 51



Compatible with 4 129 51

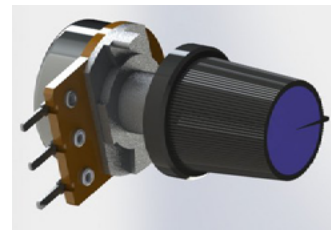


Solid adaptor Cat. No 4 129 52

For integrating non-modular mechanisms or products on a DIN rail.

The following are some examples of compatible mechanisms:

- Rotary potentiometer, fixed using nuts



- SCRJ connector



- Etc ...

A mechanism is not compatible with adaptor 4 129 52 if:

- Its drilling diameter is greater than 22.5 mm
- The mechanism impedes the fitting of the cover (or the faceplate) on the cabinet (or enclosure)

8. MAINTENANCE

Clean the surface with a cloth.

Do not use: acetone, tar-removing cleaning agents or trichloroethylene.

9. STANDARDS AND REGULATIONS

RoHS

Absence, beyond the admitted thresholds, of substances prohibited by the 2011/65/EU Directive (RoHS), and modified by the 2015/863/EU Delegated Directive, on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

REACH: The substances identified as SVHC (Substances of Very High Concern) according to the REACH Regulation (1907/2006), if present in the products at a concentration above 0.1% weight by weight, are declared inside the European SCIP database. At the date of publication of this document none of the substance listed in the annex XIV is found in this product

Packaging: Design and manufacture of packaging compliant with European Directive 94/62/CE.