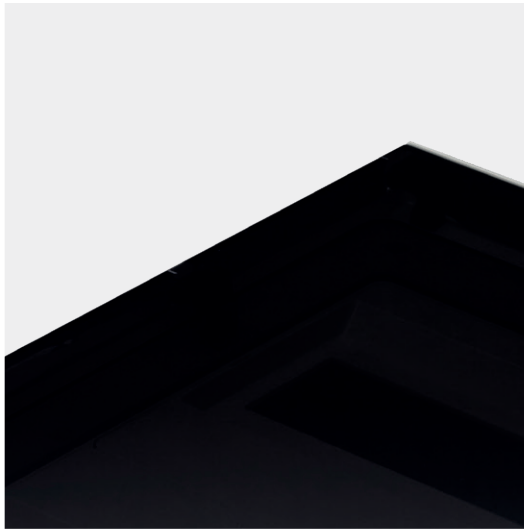




IKONA SERIES



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IKONA Series

IKONA is a complete range of watertight consumer units for surface installation available in configurations from 8 to 72 DIN modules. Characterized by extremely easy installation thanks to the ample internal space, removable DIN rail support and removable module cover plates, they offer high impact resistance (IK09) and a high protection degree (IP66). The modern and functional design by Trussardi+Belloni Design has in the flat-profile door with a retractable opening system its distinctive feature.

technical sheet p. 10

Technical information

Main characteristics



- | | |
|---|--|
| 01 Terminal block housing possibility | 06 Spirit level |
| 02 Enclosure in halogen-free materials | 07 Height and depth adjustable DIN rail guide |
| 03 Pressure window closing system with cutting head plastic lock (Yale key on request) | 08 Guides for cable fastening with slots for cable ties |
| 04 Blank sides | 09 Removable plate with tool, reversible according to the height of the DIN rail (versions 24÷72 DIN) |
| 05 Reversible door with 180° opening angle | 10 Rapid lead captive stainless steel screws |

CONSUMER UNITS IP66



N.° modules	Dimensions	Power	Colour	Code	
8 MOD.	215x190x100mm	15W		679.1008	1/10
		15W		679.1008.1 ¹⁾	1/10
		15W		679.1008.2 ²⁾	1/10

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.1: with 1 IP00 terminal block (5x10mm² - 5x16mm²).

²⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).

IP: IP66
Modularity: 8 DIN



N.° modules	Dimensions	Power	Colour	Code	
12+1 MOD.	317x250x163mm	24W		679.1012	1/6
		24W		679.1012.1 ¹⁾	1/6
		24W		679.1012.2 ²⁾	1/6

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.1: with 1 IP00 terminal block (5x10mm² - 5x16mm²).

²⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).

IP: IP66
Modularity: 12 DIN



N.° modules	Dimensions	Power	Colour	Code	
18+1 MOD.	424x285x140mm	34W		679.1018	1/4
		34W		679.1018.1 ¹⁾	1/4
		34W		679.1018.2 ²⁾	1/4

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.1: with 1 IP00 terminal block (5x10mm² - 5x16mm²).

²⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).

IP: IP66
Modularity: 18 DIN



IKONA SERIES



IP: IP66
Modularity: 24 DIN

N.° modules	Dimensions	Power	Colour	Code	
24+2 MOD.	317x420x140mm	34W		679.2024	1/4
		34W		679.2024.2 ¹⁾	1/4

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).



IP: IP66
Modularity: 36 DIN

N.° modules	Dimensions	Power	Colour	Code	
36+2 MOD.	424x460x140mm	47W		679.2036	1
		47W		679.2036.2 ¹⁾	1

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).



IP: IP66
Modularity: 54 DIN

N.° modules	Dimensions	Power	Colour	Code	
54+3 MOD.	424x655x140mm	68W		679.3054	1
		68W		679.3054.2 ¹⁾	1

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).



IP: IP66
Modularity: 72 DIN



N.° modules	Dimensions	Power	Colour	Code	
72+4 MOD.	424x910x140mm	89W		679.4072	1
		89W		679.4072.2 ¹⁾	1

Power dissipation calculated in conformity with IEC EN 62208 and IEC EN 60670-24 standards.

¹⁾.2: with 2 IP00 terminal blocks (5x10mm² - 5x16mm²).




■ ACCESSORIES >> WALL MOUNTING BRACKETS KIT



Description	Suitable for	Notes	Colour	Code	
WALL MOUNTING BRACKETS KIT	IKONA	(4 pz.)		654.0020	10

■ ACCESSORIES >> CONNECTION KIT



Description	Suitable for	Notes	Colour	Code	
CONNECTION KIT	IKONA	PG36		654.0040	25
	IKONA	PG21		654.0038	25

■ ACCESSORIES >> YALE KEY KIT





Description	Suitable for	Code	
YALE KEY KIT	IKONA	654.0075	10



Unique Yale keys, the same key opens all locks.

ACCESSORIES >> RIDGET PROFILE FOR DIN RAIL





Description	Suitable for	Notes	N.° modules	Dimensions	Colour	Code	
DIN RAIL BRACKET	1 x EVOLUTION		1 MOD.	28,5mm		654.0091	12/120





Description	Suitable for	Notes	N.° modules	Dimensions	Colour	Code	
DIN RAIL BRACKET	2 x EVOLUTION		2 MOD.	53mm		654.0092	12/120



Description	Suitable for	Notes	N.° modules	Dimensions	Colour	Code	
RIDGED PROFILE FOR DIN RAIL		ELEVATION 18mm - LENGTH 320mm		DIN 35x7,5mm OMEGA		654.0090	20/100



■ ACCESSORIES >> BLANK PLATE FOR DIN MODULES



Description	Notes	N.° modules	Colour	Code	
BLANK PLATE FOR DIN MODULES	9x45mm	1/2 MOD.		654.0420	25/400



When put between the modular devices these plates help to dissipate heat.
To be fixed on DIN rail.



Description	Notes	N.° modules	Colour	Code	
BLANK PLATE FOR DIN MODULES	18x45mm	1 MOD.		654.0410	25/250



When put between the modular devices these plates help to dissipate heat.
To be fixed on DIN rail.





Description	Notes	N.° modules	Colour	Code	
BLANK PLATE FOR DIN MODULES	73x49mm	4 MOD.		654.0400	25/250

When put between the modular devices these plates help to dissipate heat.




Description	Notes	N.° modules	Colour	Code	
BLIND PLATE	12 DIN	12 MOD.		679.0112	1/10



Description	Notes	N.° modules	Colour	Code	
BLIND PLATE	18 DIN	18 MOD.		679.0118	1/10

■ TERMINAL BLOCKS >> TERMINAL BLOCKS FOR DIN RAIL



Description	Type	IP	Colour	Code	
TERMINAL BLOCK	HORIZONTAL	IP20	■	654.0359	10

Terminals: 1x (5x10mm² and 5x16mm²).
Phase R-S-T and earth/neutral terminal blocks.



Description	Type	IP	Colour	Code	
TERMINAL BLOCK	VERTICAL	IP20	■	654.0358	10

Terminals: 1x (5x10mm² and 5x16mm²).
Phase R-S-T and earth/neutral terminal blocks.

■ TERMINAL BLOCKS >> MODULAR TERMINAL BLOCKS - IP20 >> X2



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 8 DIN	IP20	■	654.0361	10

Insulated by a plastic cover for the connection of the flexible cables.
There is special left for one additional terminal block art. 654.0360.
For earth, phase and neutral conductors.



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 8 DIN	IP20	■	654.0361C	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.
Complete terminal block, supplied with one additional terminal block art. 654.0360.

■ TERMINAL BLOCKS >> MODULAR TERMINAL BLOCKS - IP20 >> X3



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 12-24 DIN	IP20	■	654.0362	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.
There is special left for two additional terminal blocks art. 654.0360.



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 12-24 DIN	IP20	■	654.0362C	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.
Complete terminal block, supplied with two additional terminal blocks art. 654.0360.

■ TERMINAL BLOCKS >> MODULAR TERMINAL BLOCKS - IP20 >> X4



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 18-36-54-72 DIN	IP20	■	654.0364	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.
There is special left for three additional terminal blocks art. 654.0360.



Description	Suitable for	IP	Colour	Code	
TERMINAL BLOCK	IKONA 18-36-54-72 DIN	IP20	■	654.0364C	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.
Complete terminal block, supplied with three additional terminal blocks art. 654.0360.

■ TERMINAL BLOCKS >> MODULAR TERMINAL BLOCKS - IP20 >> ADDITIONAL



Description	Notes	IP	Colour	Code	
TERMINAL BLOCK	EXTRA	IP20	■	654.0360	10

Insulated by a plastic cover for the connection of the flexible cables.
For earth, phase and neutral conductors.

IKONA SERIES

EMPTY SURFACE MOUNTING CONSUMER UNITS



REFERENCE STANDARDS

IEC EN 62208
IEC EN 60670-1
IEC EN 60670-24

MARKINGS AND DIRECTIVES



VERSIONS



8-12-18-24-36-54-72 DIN

TECHNICAL CHARACTERISTICS

Protection degree:	IP66
Installation temperature:	-25°C +60°C
Self extinguishing degree (GWT):	650°C
Material:	Thermoplastic
Impact resistance (IK degree):	IK09
Cable entries:	Blank side
Dissipable power:	15÷89W
Colour:	Grey RAL 7035
Terminal blocks fixing possibility:	Yes
Insulation class:	Class II (double insulation) □

IKONA Series consumer units make it easier for the installer to certify panels for photovoltaic installations (PVA) according to IEC EN 61439-2 annex DD.

ADDITIONAL TERMINAL BLOCK CONNECTION CAPACITY (5x10mmq+5x16mmq)

Nominal size mm ²	Rated current (A)	Type of conductor	Conductors section (mm ²)										
			0,75	1	1,5	2,5	4	6	10	16	25	35	50
10	57	rigid	-	-	1÷4	1÷3	1÷2	1	1	-			
		flexible	-	-	1÷4	1÷3	1÷2	1	-	-			
16	76	rigid	-	-	-	1÷4	1÷3	1÷2	1	1			
		flexible	-	-	-	1÷4	1÷3	1÷2	1	-			



BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Resistant	Not resistant	Not resistant	Resistant	Not resistant	Resistant

Resistance values to chemical agents have to be considered indicative. For further information and specific substances, contact the technical service.



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