

## Flush mounting boxes

### ROUND FLUSH MOUNTING BOX - IP40

WBOX Series



Description	Quantity	Code
Ø 65mm	500	875.4201

- Provided without cover and screw.

### COVERS

WBOX Series



Description	For boxes (mm)		Quantity	Code
	Ø	Length		
Screw claw fixing	Ø 65	50/600	500	875.4501
	Ø 80	40/480		

- Supplied as spare parts.

### RECTANGULAR FLUSH MOUNTING BOX

WBOX Series



Modules	Distance between axes for fixing (mm)	Quantity	Code
3 modules	83,5	6/300	875.4303

- Provided without cover and screw.

### SCREW COVER

WBOX Series



Description	Quantity	Code
Blank cover with screws for 3 modules flush mounting box 12/72	120	180.692

### PROTECTIVE COVER

WBOX Series



Description	Quantity	Code
For 3 modules flush mounting box code 875.4303	120	875.4603

- Release installation  
- Thermoplastic material

INDUSTRIAL  
1  
2  
3  
4



## Flush mounting boxes

### FLUSH JUNCTION BOXES

WBOX Series



Dimensions (mm)	Compartments		
92x92x45	1	1/170	⊕ 875.4410
118x96x50	1	1/120	⊕ 875.4411
118x96x70	1	1/90	⊕ 875.4411P
153x98x70	1	1/70	⊕ 875.4412
160x130x70	1	1/44	⊕ 875.4413
196x152x70	2	Accept separator 152 (*)	⊕ 875.4414
294x152x70	3	Accept separator 152 (*)	⊕ 875.4415
392x152x70	4	Accept separator 152 (*)	⊕ 875.4416
480x160x70	3	Accept separator 160 (*)	⊕ 875.4417

- Provided complete with box, cover and screws.  
(\*) Provided without separator.

### SEPARATORS

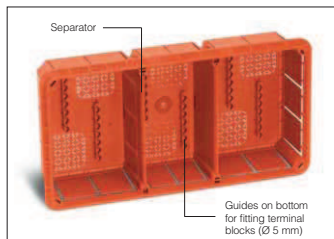
WBOX Series



Descriptions	Dimensions		
Separator 152	152mm	25/200	875.4490
Separator 160	160mm	25/200	875.4491

- To divide electric circuits.

#### Flush junction box 294x152x70 mm (3 compartments)



### COVERS

WBOX Series



Description	Box (mm)		
Cover without screws (provided without screws)	92x92	5/100	⊕ 875.4510
	118x96	5/160	⊕ 875.4511
	153x98	5/140	⊕ 875.4512
	160x130	5/80	⊕ 875.4513
	196x152	5/60	⊕ 875.4514
	594x152	2/40	⊕ 875.4515
	392x152	2/30	⊕ 875.4516
	480x160	2/24	⊕ 875.4517
Screws for cover 3x19		1/120	875.4500

### PROTECTIVE COVER

WBOX Series



Description	Box (mm)		
In thermoplastic material (*)	3 moduli	120	⊕ 875.4603
	92x92	5/100	⊕ 875.4610
	118x96	5/160	⊕ 875.4611
In plasticised carton	153x98	5/140	⊕ 875.4612
	160x130	5/80	⊕ 875.4613
	196x152	5/60	⊕ 875.4614
	294x152	2/40	⊕ 875.4615
	392x152	2/30	⊕ 875.4616
	480x160	2/24	⊕ 875.4617

- Release installation.  
(\*) For 3-module boxes item 875.4303.

# Surface mounting junction boxes

## BOX WITH CABLE SLEEVES

### SCABOX Series

Cover	Dimensions (mm)	No. of inlets	For	Fixing screws	⊕	IP44	IP55
Release cover	ø65x35	4xø23mm	PG 16	2	4/100	⊕ 680.001	
	ø65x40	4xø23mm	PG 16	2	4/100		
	ø80x40	4xø23mm	PG 16	2	4/100	⊕ 680.002	
	80x80x40	6xø23mm	PG 16	2	4/60	⊕ 680.003	
		7xø23mm	PG 16	2	4/60		
		6xø23mm	PG 21	4	1/48		⊕ 685.004
Screw cover	100x100x50	7xø23mm	PG 21	4	1/48		
	120x80x50	6xø29mm	PG 21	4	1/54	⊕ 685.005	
	150x110x70	10xø29mm	PG 21	4	1/40	⊕ 685.006 (K1)	
	190x140x70	10xø38mm	PG 29	4	1/24	⊕ 685.007 (K1)	
	240x190x90	12xø38mm	PG 29 (★)	4	1/12	⊕ 685.008 (K1)	
	300x220x120	12xø38mm	PG 29 (★)	4	1/6	⊕ 685.009 (K1)	
	380x300x120	12xø48mm	PG 36 (★)	4	1/4	⊕ 685.010 (K1)	
	450x370x130	14xø48mm	PG 36 (★)	6	1	⊕ 685.011 (K2)	

(★) Suitable for the hinges mounting.

(K1) It is possible to use the wall mounting brackets kit item 654.0021.  
(K2) It is possible to use the wall mounting brackets kit item 654.0023.

### CUBIK Series

IP55 - GW 650°C	IP55 - GW 960°C	IP55 - GW 960°C
⊕ 687.001	⊕ 688.001	
⊕ 687.002	⊕ 688.002	
⊕ 687.003	⊕ 688.003	⊕ 688.003.R
⊕ 687.004	⊕ 688.004	⊕ 688.004.R
⊕ 687.005	⊕ 688.005	⊕ 688.005.R
⊕ 687.006	⊕ 688.006	

### SCABOX Series



Cable inlet through cable sleeve or cable gland, grooves on the bottom for fixing terminal strips.

## ACCESSORIES

### ACCESSORIES

Description	⊕
Wall mounting brackets	
K1	4 pieces 10 654.0021
K2	4 pieces 10 654.0023
Cover sealing kit (*)	10 654.0032
Hinge kit	1/20
Sealing caps	12 pieces 10/100
190x140	1
240x190	1
Zinc-coated steel back plate	
300x220	1
380x300	1
452x372	1

(\*) For boxes 190x140 - 240x190 - 300x220 - 380x300 - 450x370.

### CUBIK Series

654.0085		
	654.0080	
		654.0787
		654.0788
		654.0789
		654.0790
		654.0791



SCAME  
IP55 688.204.R

Glow wire 960°C versions (also in red) are identifiable by the symbol marked on the external side.



# Aluminium junction boxes

## ENCLOSURES - IP66

ALUBOX Series ALUBOX-EX Series

Dimensions (mm)	Screw for attaching cover	Earthing screws	Weight (Kg)	ϕ	ALUBOX Series	ALUBOX-EX Series
100x100x59	☒ n° 2 M5x10mm	n°1 M4x6	0,255	1/32	653.00	653.9000
140x115x60	☒ n° 4 M5x16mm	n°1 M4x6	0,400	1/24	653.01	653.9001
166x142x64	☒ n° 4 M5x16mm	n°1 M4x6	0,585	1/16	653.02	653.9002
192x168x80	☒ n° 4 M5x16mm	n°1 M4x6	0,870	1/12	653.03	653.9003
253x217x93	☒ n° 4 M6x20mm	n°1 M4x6	1,760	1/6	653.04	653.9004
314x264x122	☒ n° 4 M6x20mm	n°1 M4x6	2,880	1/2	653.05	653.9005
410x315x153	☒ n° 4 M6x20mm	n°1 M4x6	6,500	1	653.07	653.9007

- Enclosure and cover in die-cast aluminium.  
 - Externally varnished.  
 - With stainless steel screws for attaching cover and self-tapping zinc-coated steel screws for earthing the enclosure and cover.  
 ☒ = counter-sunk head screw.  
 ☒ = flat head screw.

## MOUNTING PLATES

ALUBOX Series

For enclosures (mm)	Screw for attaching cover	Thickness (mm)	Weight (Kg)	ϕ	ALUBOX Series
100x100x59					
140x115x60	n° 4 M4x6	1,5		1/40	653.011
166x142x64	n° 4 M4x6	1,5		1/20	653.012
192x168x80	n° 4 M4x6	1,5		1/20	653.013
253x217x93	n° 4 M4x6	1,5		1/10	653.014
314x264x122	n° 4 M4x6	1,5		1/10	653.015
410x315x153	n° 4 M4x6	2	0,770	5	653.017

- Zinc-coated steel plate.  
 - With zinc-coated steel self-tapping screws for attaching the plate.

## DIN RAIL KIT

ALUBOX Series

For enclosures (mm)	ϕ	ALUBOX Series
100x100x59	1	653.020
140x115x60	1	653.021
166x142x64	1	653.022
192x168x80	1	653.023
253x217x93	1	653.024
314x264x122	1	653.025
410x315x153	1	653.027



Enclosures and covers in aluminium alloy with blank walls and covered. Holding seal in expanded EPDM, already mounted in place on the cover. Fixing to wall by brackets incorporated in the enclosure base



# Increased safety enclosures and terminal boxes



## BOXES AND ACCESSORIES

		Enclosure				Earth continuity plate					
H	W	55	75	90	120	165	55	75	90	120	165
75	80	644.0100	644.0200				644.A0100	644.A0200			
	110	644.0110	644.0210				644.A0110	644.A0210			
	160	644.0120	644.0220				644.A0120	644.A0220			
	190	644.0130	644.0230				644.A0130	644.A0230			
	230	644.0140	644.0240				644.A0140	644.A0240			
120	122		644.0345					644.A0345			
	220		644.0350					644.A0350			
	160		644.0360					644.A0360			
160	260		644.0370					644.A0370			
	360		644.0380					644.A0380			
	560		644.0390					644.A0390			
250	255			644.0465					644.A0465		
	400			644.0485					644.A0485		
405	400				644.0595					644.A0595	

### Accessories

- A) Earth Continuity Plate (ECP) made of zinc plated steel. Also available in brass or copper
- B) Component Mounting Plate made of zinc plated steel
- C) External Mounting Brackets (4 sets) made of stainless steel AISI 316
- D) External Mounting Vertical Feet (2 sets) made of stainless steel AISI 316
- E) Earth Stud made of brass. Also available in stainless steel AISI 316(\*)
- F) External Hinges (2 sets) made of thermoplastic material (\*)

(\*) machining is required.

The enclosure can be machined and drilled on request – gland holes from M16 to M40.



### Finishing service

Scame can supply these enclosures as empty components or after performing the following operations:

- Drilling entries
- Tapping holes
- Fitting terminals
- Supplying suitable cable glands

### Component's detail:

- 1- Fixing device for terminals ..... 2 pcs
- 2- Terminals ..... 18 pcs x 2.5mm
- 3- Earth terminals ..... 4 pcs x 2.5mm

### Cable glands

- M25 ..... 2 pcs
- M20 ..... 4 pcs

### ZENITH-P Series

Internal mounting plate	External mounting brackets	External mounting vertical feet	Earth stud	External hinges (*)
55-75-90	55-75-90	55-75-90	55-75-90	55-75-90
644.B00				
644.B10				
644.B20	644.C075	644.D075		
644.B30				
644.B40				
644.B45				
644.B50	644.C120	644.D120		
644.B60			644.E650	644.F001
644.B70				
644.B80		644.D160		
644.B90	644.C160			
644.B65				
644.B85		644.D250		
644.B95		644.D405		

### Control station



The enclosures in heat-hardening material of the ZENITH-P Series are mainly used for the following purpose:

- Command and control of equipment such as motors, fans, pumps, lighting systems, etc.
- Reading of physical quantities such as flow rate, level, pressure, temperature, current, voltage, frequency, number of revolutions, etc.

The arrangement of ATEX-certified accessories, terminals and actuators of the ZENITH-P enclosure can be made according to different configurations, based on the customer's specific needs and always in compliance with the limits of the ATEX & IECEx certification.

SCAME can rely on an in-house design department (CIT) to perform quick feasibility analyses at the customer's request. It also has equipment and qualified personnel for the construction and assembly of the ZENITH-P Series control stations.

The components and actuators found on the cover are suited for use in these enclosures and are covered by relevant component certificate; they were selected depending on brand and model based on the ATEX certification in force for the European Community, and IEC-Ex for the international market.

