

technoBOX



Cassa termoplastica con cavità per
le tastiere a membrana

Thermoplastic enclosures
with recesses for membrane keypads

Coffrets themoplastiques
avec évidements pour claviers à effleurement

DATI TECNICI **technoBOX**

Cassa

In ABS da -40 ° C a +80 ° C
esente di alogeno.
Angolo di sforno: 1 °. Le dimen-
sioni interne si riducono in mo-
do circolare verso il fondo della
cassa di 1 °.

Viti

Viti del coperchio in acciaio
inossidabile, non si perdono.

Classe di protezione
IP 66 / EN 60529

Comportamento al fuoco
ABS:HB - UL 94

Isolamento

Isolamento completo a norma di
VDE 0100.

Guarnizione

Guarnizione termoplastica in
laprene, vincolata dallo stampo,
senza silicone.

Fissaggio

Fissaggio mediante canaline se-
parate per viti all'infuori del vano
di tenuta. L'elenco degli accessori
offre varie possibilità di fissaggio.

Resistenza superficiale
ABS 4×10^{14} Ohm

Montaggio interno

La parte inferiore della cassa e
il coperchio sono muniti di nume-
rosi punti di fissaggio per viti
autofilettanti.

Colore

RAL 7035 grigio chiaro
Su richiesta: colori speciali.

TECHNICAL DATA **technoBOX**

Enclosure

ABS -40° C up to + 80° C ha-
logen free. 1° mould slope for
casting ejection ⇒ Internal
measures diminishing circular-
ity towards enclosure bottom
by 1°.

Lid-screws

Captive screws made of stain-
less steel.

Ingress protection
IP 66 / EN 60529

Combustion behaviour
ABS: HB - UL 94

Insulation

Fully insulated VDE 0100.

Gasket

Thermoplastic, designed gasket,
made of forprene, siliconfree.

Fastening

Separate screw channels out-
side the enclosure interior. For
additional options refer to ac-
cessories.

Surface resistance
ABS 4×10^{14} Ohm

Internal mounting

There are many mounting points
for self-grooving fasteners avail-
able within the enclosure bot-
tom, as well as in the lid.

Colour

RAL 7035 light grey
Special colours on request.

DONNEES TECHNIQUES **technoBOX**

Coffrets

ABS -40°C à +80 °C, exempt
d'halogène. 1° biseau au démou-
lage ⇒ Les dimensions intérieures
se réduisent en continu de 1°
jusqu'au fond du coffret.

Visseries

Vis du couvercle en acier inox im-
perdables.

Protection
IP 66 / EN 60529

Comportement au feu
ABS: HB - UL 94

Isolation

Isolation complète VDE 0100.

Étanchéité

Joint thermoplastique en forprene,
sans silicone.

Fixation

Fixation du couvercle et de
l'embase en dehors du volume
étanche. Consulter la liste des acces-
soires pour les diverses possibilités.

Résistance superficielle
ABS 4×10^{14} Ohm

Aménagement intérieur

Nombreux points de fixation pré-
sents dans la partie inférieure du
coffret et dans le couvercle.

Couleur

RAL 7035 gris clair
Autres couleurs sur demande.

Campi d'applicazione:

Ingegneria meccanica
Impiantistica
Tecnica della regolazione
all'aperto

Area of application:

Mechanical engineering
Installation engineering
Control engineering
outside

Sphère d`application:

Construction de machines
Technologie d`installation
Technique de réglage
au dehors

- 1 Nuovo disegno del coperchio con angoli smussati
- 2 I punti di fissaggio interni e esterni sono compatibili con tutte le casse standard
- 3 Cavità lavorate nel coperchio per incassare piastre frontali oppure tastiere a membrana
- 4 Punti di fissaggio aggiuntivi previsti nel coperchio per fissare delle schede
- 5 Particolari fascette per il fissaggio esterno, girevoli di 90 °

- 1 Alternative Design due to slanted lidedges
- 2 The internal and external fastening points are compatible to all available standard enclosures
- 3 With deepening in the lid for pad or front plates if required
- 4 Additional fastening points in the lid for plates
- 5 Fancy external mounting brackets which can be turned by 90°







- 1 Nouveau design du couvercle avec inclinaison
- 2 Les points de fixation intérieure et extérieure sont compatibles avec les boîtiers standards.
- 3 Retrait sur le couvercle pour encastrer une face avant ou un clavier membrane
- 4 Points de fixation supplémentaires sur le couvercle pour plaques de montage
- 5 Pieds de fixation extérieure pouvant pivoter de 90°



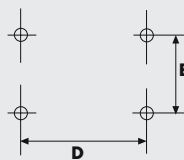
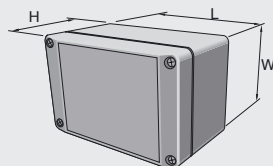


Tavola sinottica della gamma dei prodotti - Range overview - Tableau synoptique des livraisons

-  **M** Piastre di montaggio
Mounting plates
Plaques de montage
-  **T** Guide portanti per morsettiere di raccordo
Supporting rail for series terminals
Rails supports pour barrettes à bornes
-  **F*** Piastra frontale autoadesiva
Front plate self-adhesive
Face avant, auto-adhésive
-  **A** Fascette di fissaggio esterno
External mounting brackets
Pieds de fixation extérieurs
-  **S** Cerniere
Hinges
Charnières
-  **TF** Piedi del tavolo
Feet
Pieds

Type	Mat.-Nr	L	W	H	D	E	g						
TBA 060	220.060.000	66	51	35	53	38	50	○	●	●	●	○	●
TBA 080	220.080.000	83	81	60	70	50	170	●	●	●	●	●	●
TBA 082	220.082.000	121	81	60	108	50	220	●	●	●	●	●	●
TBA 084	220.084.000	161	81	60	148	50	220	●	●	●	●	●	●
TBA 102	220.102.000	151	101	60	138	70	230	●	●	●	●	●	●
TBA 104	220.104.000	201	101	60	188	70	300	●	●	●	●	●	●
TBA 120	220.120.000	123	121	80	110	90	240	●	●	●	●	●	●
TBA 122	220.122.000	201	121	80	188	90	400	●	●	●	●	●	●
TBA 160	220.160.000	161	161	80	148	130	450	●	●	●	●	●	●
TBA 162	220.162.000	241	161	80	228	130	650	●	●	●	●	●	●

* Su richiesta - on request - sur demande



Dimensioni di montaggio
Mounting dimensions
Cotes de montage

□ Standard/Standard/Standard

● Disponibile/available/livrabile

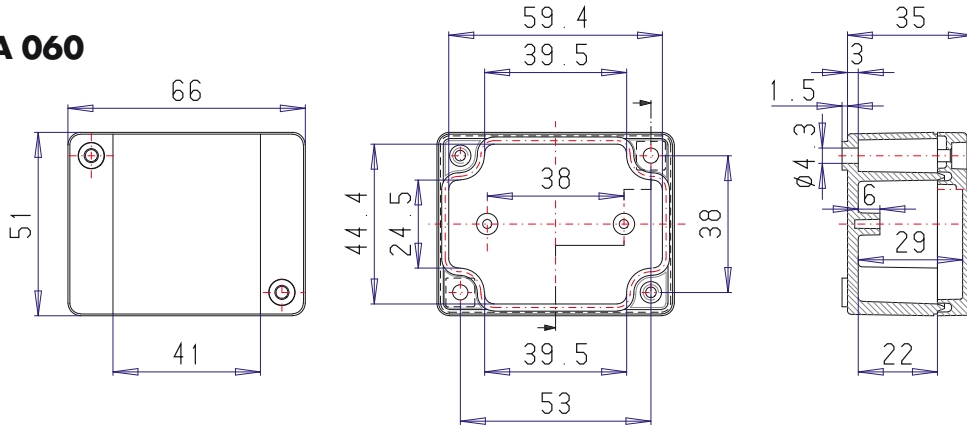
○ Non disponibile/not available/non livrabile

ESEMPLO DI ORDINAZIONE
ORDER EXAMPLE/EXEMPLE DE COMMANDE

Type: TBA 084 + M + A etc.

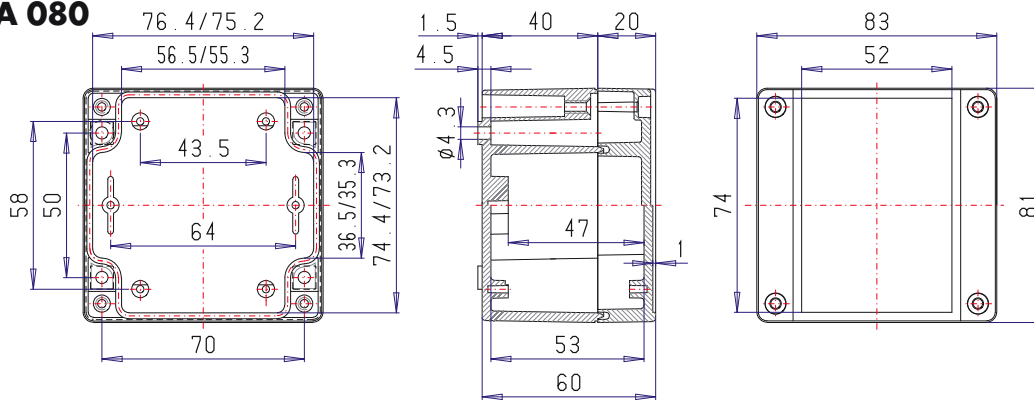


TBA 060



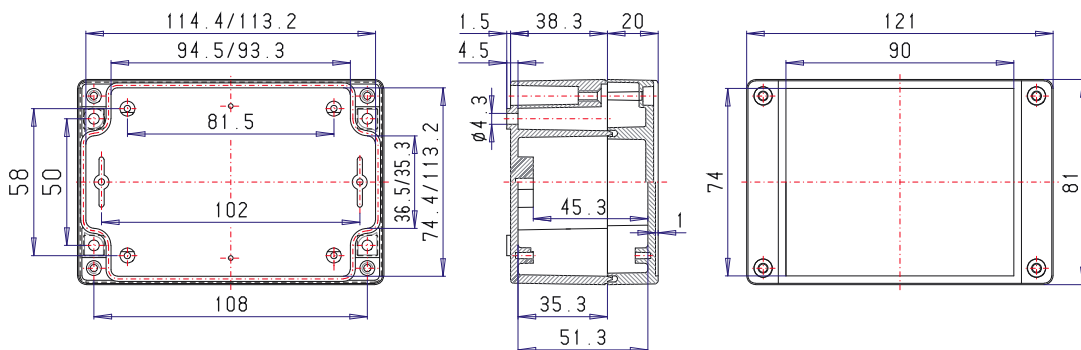
M Collegamento a vite dei cavi a Cable glands x Press étoupe			
A	B	A/B	C/D
C	D	PG 7	2 1
M 16	PG 9	2	1
	PG 11		
M 20	PG 13,5		
	PG 16		
M 25	PG 21		
M 32	PG 29		
M 40	PG 36		
M 50	PG 42		
M 63	PG 48		

TBA 080



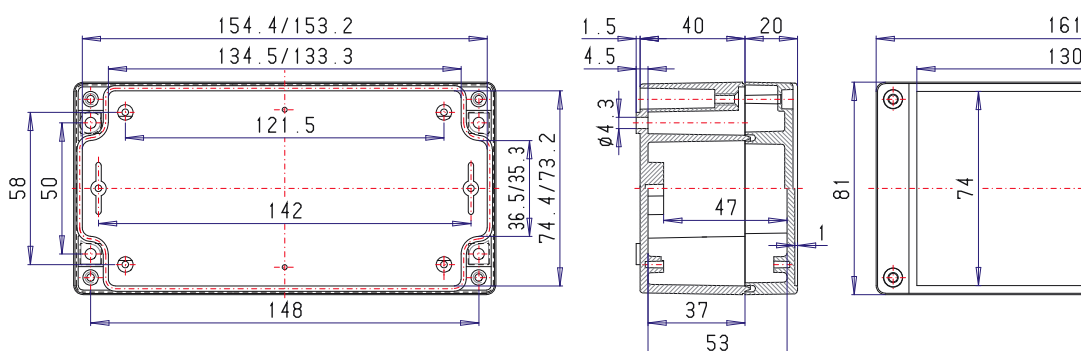
M Collegamento a vite dei cavi a Cable glands x Press étoupe			
A	B	A/B	C/D
C	D	PG 7	4 2
M 16	PG 9	3	1
	PG 11	2	1
M 20	PG 13,5	2	1
	PG 16	2	1
M 25	PG 21		
M 32	PG 29		
M 40	PG 36		
M 50	PG 42		
M 63	PG 48		

TBA 082



M Collegamento a vite dei cavi a Cable glands x Press étoupe			
A	B	A/B	C/D
C	D	PG 7	8 3
M 16	PG 9	5	2
	PG 11	4	1
M 20	PG 13,5	3	1
	PG 16	3	1
M 25	PG 21		
M 32	PG 29		
M 40	PG 36		
M 50	PG 42		
M 63	PG 48		

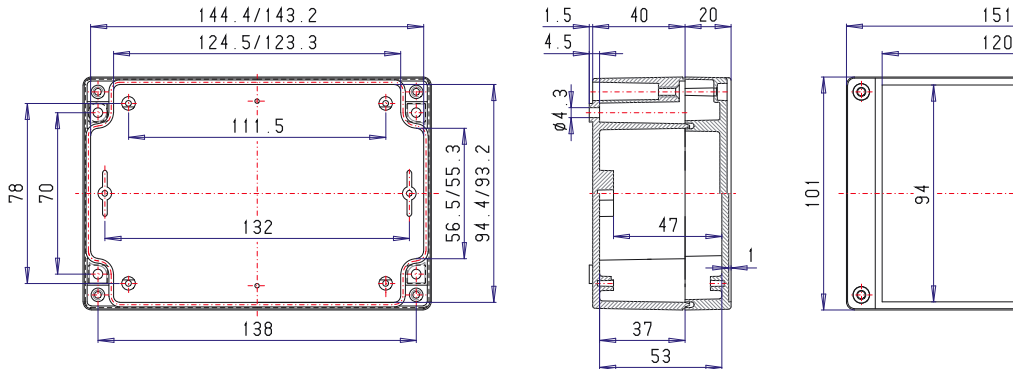
TBA 084



M Collegamento a vite dei cavi a Cable glands x Press étoupe			
A	B	A/B	C/D
C	D	PG 7	13 3
M 16	PG 9	8	2
	PG 11	6	1
M 20	PG 13,5	5	1
	PG 16	4	1
M 25	PG 21		
M 32	PG 29		
M 40	PG 36		
M 50	PG 42		
M 63	PG 48		



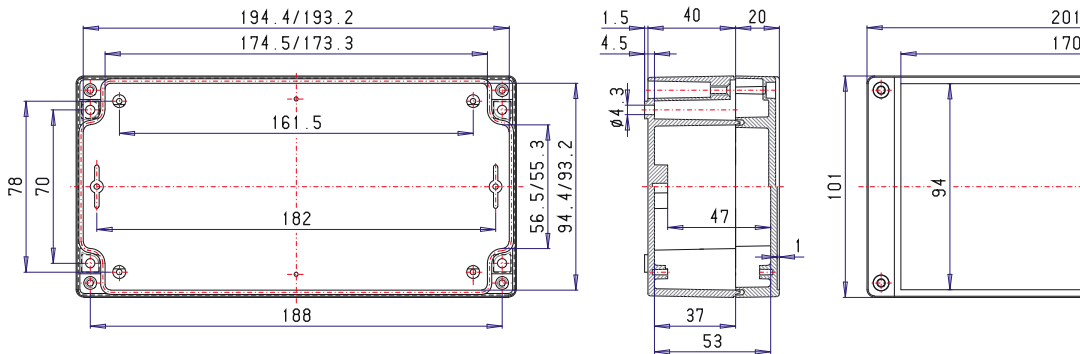
TBA 102



M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B/C/D	
	B	D		
	PG 7		16	6
M 16	PG 9		8	4
	PG 11		7	3
M 20	PG 13,5		5	2
	PG 16		3	1
M 25	PG 21		3	1
M 32	PG 29			
M 40	PG 36			
M 50	PG 42			
M 63	PG 48			

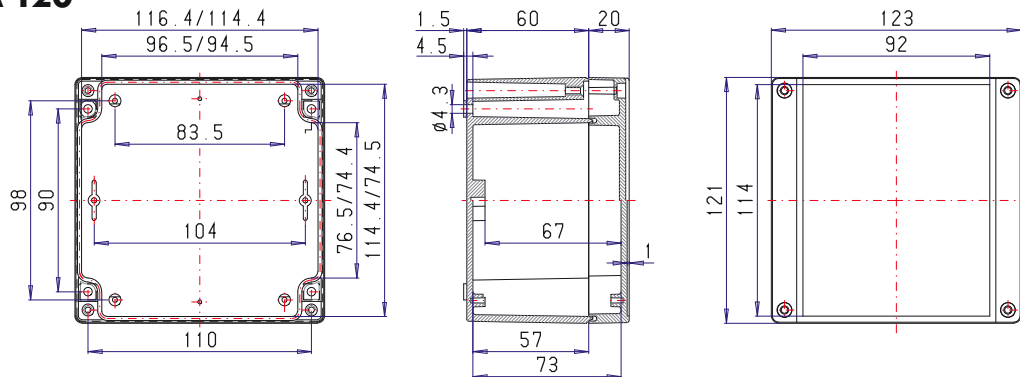
TBA 104



M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B/C/D	
	B	D		
	PG 7		23	6
M 16	PG 9		12	4
	PG 11		9	3
M 20	PG 13,5		7	2
	PG 16		5	1
M 25	PG 21		4	1
M 32	PG 29			
M 40	PG 36			
M 50	PG 42			
M 63	PG 48			

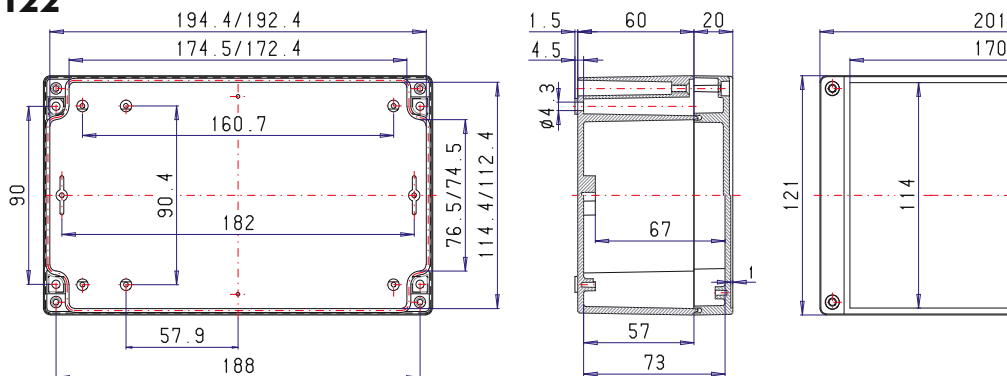
TBA 120



M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B/C/D	
	B	D		
	PG 7		15	12
M 16	PG 9		10	9
	PG 11		8	6
M 20	PG 13,5		6	6
	PG 16		6	4
M 25	PG 21		4	3
M 32	PG 29		2	1
M 40	PG 36		1	1
M 50	PG 42			
M 63	PG 48			

TBA 122

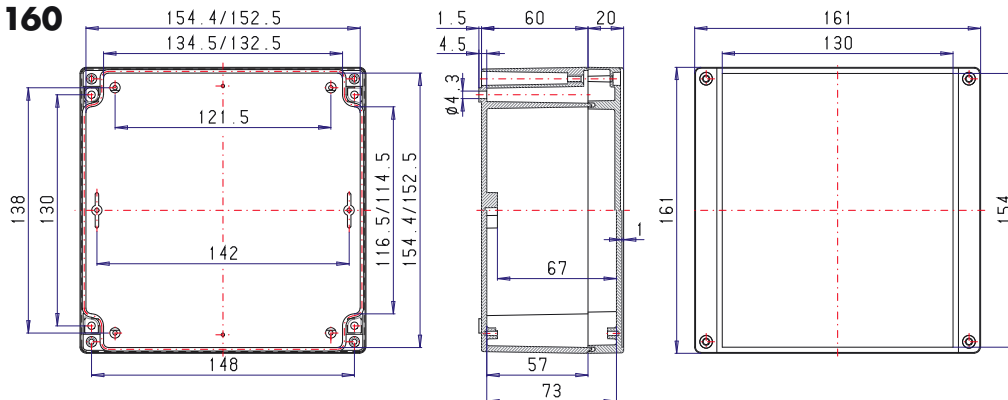


M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B/C/D	
	B	D		
	PG 7		20	8
M 16	PG 9		16	6
	PG 11		12	4
M 20	PG 13,5		12	4
	PG 16		7	3
M 25	PG 21		4	2
M 32	PG 29		3	1
M 40	PG 36			
M 50	PG 42			
M 63	PG 48			



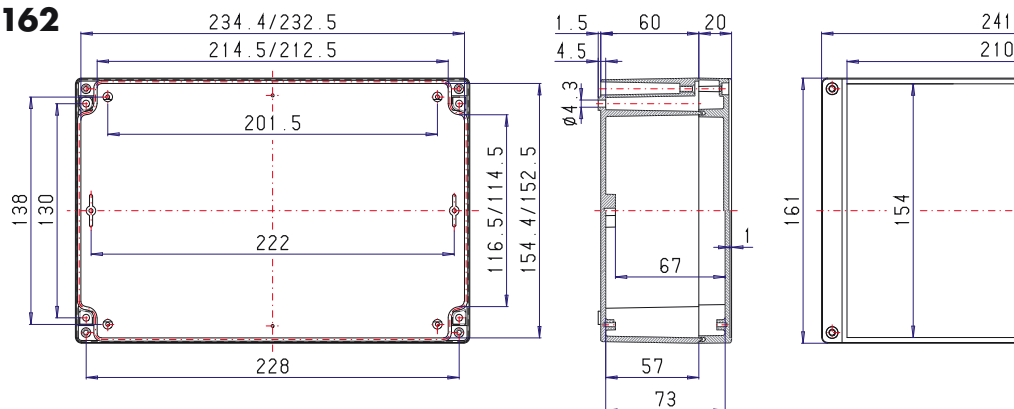
TBA 160



M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B	C/D
	B	D		
M 16	PG 7	18	16	
	PG 9	10	8	
	PG 11	8	7	
M 20	PG 13,5	6	5	
	PG 16	4	4	
M 25	PG 21	3	3	
M 32	PG 29			
M 40	PG 36			
M 50	PG 42			
M 63	PG 48			

TBA 162



M Collegamento a vite dei cavi
a Cable glands
x Press étoupe

C	A		A/B	C/D
	B	D		
	PG 7	30	16	
M 16	PG 9	24	8	
	PG 11	16	7	
M 20	PG 13,5	16	5	
	PG 16	12	4	
M 25	PG 21	6	3	
M 32	PG 29	4		
M 40	PG 36	2		
M 50	PG 42	2		
M 63	PG 48			