

FIBOX
Enclosing innovations



**Enclosure Programme
Overview**



ENCLOSURE PROGRAMME OVERVIEW

MINX – PC/ABS enclosures

MINX polycarbonate and ABS enclosures are designed to house and protect all kinds of electrical and electronic components in the most demanding applications. 100 x 100 x 35 – 360 x 255 x 152 mm.



3

CAB – GRP/PC/ABS cabinets

The wide selection of CAB plastic and polyester cabinets guarantee a perfect solution for every hinged enclosure application and will protect your equipment and devices in all conditions.

CAB P/GRP 315 x 215 x 170 – 1035 x 835 x 300 mm.

CAB PX/GRP 500 x 500 x 320 – 1250 x 1000 x 320 mm.

CAB PC/ABS 150 x 150 x 110 – 600 x 400 x 220 mm.



3

SOLID – GRP/PC/ABS enclosures

Excellent choice for housing electronic and electrical components.

Solid enclosures are available in polycarbonate,

ABS and polyester either with screw or hinge cover.

P/GRP enclosures 185 x 150 x 130 – 600 x 600 x 210 mm.

PC/ABS enclosures 188 x 188 x 130 – 558 x 378 x 180 mm.



4

ARCA – PC enclosures

Precision, injection molded ARCA enclosures feature excellent chemical resistance and the wide temperature range of polycarbonate material.

152 x 152 x 102 – 457 x 406 x 254 mm.



4

EURONORD – PC/ABS/GRP enclosures

Designed to house DIN-rail mounted terminal blocks and various types of sensors and electronic components.

50 x 52 x 40 – 401 x 406 x 120 mm.

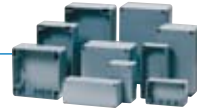


5

ALU – Aluminium enclosures

ALU enclosures provide rigid construction, high impact resistance and they can be used at wide range of operating temperatures.

45 x 50 x 32 – 310 x 600 x 180 mm.



5

PICCOLO – PC/ABS enclosures

Especially designed to house push buttons, terminal blocks, motor starters and electronic devices. Piccolo enclosures are also ideal for mounting and protecting process control sensors and switches. 110 x 80 x 65 – 230 x 140 x 125 mm.



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DG – PC/ABS enclosures

DG enclosures have been developed in close co-operation with key customers. 280 x 190 x 111 mm.



6

TEMPO – ABS enclosures

Tempo enclosures are easy to use because they are designed to save time and money in assembly and installation.

187 x 122 x 90 – 344 x 289 x 117 mm.



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MCE – PC enclosures

MCE range offer easy-to-use and practical functionality and design to house DIN-rail mounted automation, control and switch gear components.

200 x 116 x 105 – 580 x 306 x 145 mm.



7

EK – PC enclosures

EK range is the ideal solution for housing equipment in either a single enclosure or a flexible modular system. 190 x 190 x 130 – 760 x 560 x 250 mm.



8

QUICK – PC/ABS enclosures

Manufactured from high impact resistance PC or ABS withstanding harsh industrial and outdoor environments. 300 x 200 x 170 – 600 x 400 x 270 mm.



8

SPACELINK – PC enclosures

Modular enclosures ideal for control and switch gear panel building. 200 x 300 x 170 – 600 x 400 x 270 mm.



9

CARDMASTER – PC/ABS enclosures

Ideal for packaging instrumentation, measurement, monitoring and process control equipment. 160 x 166 x 78 – 316 x 390 x 167 mm.



9

ATEX approved enclosures

Specially made for use in hazardous environments. Designed, manufactured and tested to international standards.

AL 45 x 50 x 32 – 162 x 263 x 91 mm.

PC 188 x 188 x 130 – 558 x 378 x 180 mm.

GRP 75 x 80 x 55 – 405 x 400 x 120 mm.



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CABLE MANAGEMENT

10

GENERAL ACCESSORIES

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MNX

Wide selection - More than 260 versions

MNX polycarbonate and ABS enclosures utilize world-class 2-component injection moulding technology. They are designed to house and protect all kinds of electrical and electronic components in the most demanding applications. There are more than 260 MNX versions including PCM-models with metric knock-out versions.

Dimensions mm:

Polycarbonate PC/ABS:

100 x 100 x 35	130 x 130 x 35	180 x 130 x 85	255 x 180 x 63
100 x 100 x 50	130 x 130 x 50	180 x 130 x 100	255 x 180 x 75
100 x 100 x 60	130 x 130 x 60	180 x 130 x 125	255 x 180 x 88
100 x 100 x 75	130 x 130 x 75	180 x 130 x 150	255 x 180 x 100
	130 x 130 x 100	180 x 130 x 175	255 x 180 x 125
130 x 80 x 35	130 x 130 x 125		255 x 180 x 150
130 x 80 x 50		180 x 180 x 60	255 x 180 x 175
130 x 80 x 60	180 x 130 x 35	180 x 180 x 75	
130 x 80 x 75	180 x 130 x 50	180 x 180 x 100	360 x 255 x 152
130 x 80 x 100	180 x 130 x 60	180 x 180 x 125	
130 x 80 x 125	180 x 130 x 75	180 x 180 x 150	



PC:

IP 66/IP 67
IK 08
UL Type 1, 4, 4X, 6, (12, 13).
UL 94-5V
UV-resistance: UL 508

ABS:

IP 66/IP 67
IK 07
NEMA 1, 4, 4X, 6, (12, 13).
UL 94HB



Wide selection
More than 260 versions



Recess area for membrane
keypads



PCM versions: knock-outs
molded in place for easy
wiring

CAB

Multipurpose cabinets for harsh and demanding environments

New range of CAB enclosures made from the GRP (Glass fibre reinforced polyester). New CAB PX and CAB P enclosures specifically developed to meet the chemical, thermal and mechanical challenges in today's multi-purpose processing industries. PC/ABS enclosures are also available.

Dimensions mm:

GRP (CAB PX models)

500 x 500 x 320	750 x 1000 x 320	1000 x 500 x 320
500 x 750 x 320	1000 x 750 x 320	1000 x 1000 x 320
750 x 500 x 320	750 x 1250 x 320	1000 x 1250 x 320
750 x 750 x 320	1250 x 750 x 320	1250 x 1000 x 320

GRP (CAB P models)

315 x 215 x 170	615 x 415 x 230	1035 x 835 x 300
415 x 315 x 170	735 x 535 x 270	
515 x 415 x 230	835 x 635 x 300	

PC/ABS

150 x 150 x 110	300 x 300 x 180	400 x 500 x 200
200 x 300 x 180	300 x 400 x 180	500 x 400 x 200
300 x 200 x 180	400 x 300 x 180	600 x 400 x 220



GRP (CAB PX):

IP 65
IK 10 (grey door)
IK 07 (glazed door)
NEMA 3, 3R, 3S, 4, 4X, 12, 12, 13.
UL 94HB
Chemical resistance: good

GRP (CAB P):

IP 66
IK 10 (grey door)
IK 07 (glazed door)
NEMA 3, 3R, 3S, 4, 4X, 12, 13.
UL 94HB
UV-resistance: Approved for outdoor use
Chemical resistance: good



Adjustable depth
for front panel



Impact resistant
design



Multiple closing
options

PC:

IP 65
IK 08
UL Type 1, 4, 4X, 12, 13.
UL 94-5V
UV-resistance: UL 508

ABS:

IP 65
IK 08
NEMA 1, 4, 4X, 12, 13.
UL 94HB

SOLID

Excellent for housing electronic and electrical components



SOLID range is an excellent choice to house electronic and electrical components. It is available in polycarbonate, ABS and polyester with either screw or hinge covers.

Dimensions mm:

PC/ABS

188 x 188 x 130	378 x 188 x 130	378 x 278 x 130
188 x 188 x 180	378 x 188 x 180	378 x 278 x 180
278 x 188 x 130	278 x 278 x 130	558 x 278 x 130
278 x 188 x 180	278 x 278 x 180	558 x 378 x 180

GRP

185 x 150 x 130	485 x 300 x 210	600 x 370 x 175
300 x 185 x 175	555 x 300 x 175	600 x 370 x 245
300 x 300 x 175	555 x 300 x 210	600 x 600 x 175
370 x 300 x 175	600 x 300 x 175	600 x 600 x 210
485 x 300 x 175	600 x 300 x 210	

PC:

IP 66/67
IK 08 (side surface)
IK 09 (front surface)
UL Type 1, 3, 3S, 4, 4X, 6, 6P, 12.
UL 94-5V
UV-resistance: UL 508

ABS:

IP 66/67
IK 08
NEMA 1, 3, 3S, 4, 4X, 6, 6P, 12.
UL 94 HB

GRP

IP 66/67
IK 10
NEMA 1, 3, 3R, 3S, 4, 4X, 12, 13.
UL 95-5V



Wide opening hinges
+180° for easy access



Quaranteed long-term
ingress protection -
no holes required to
enclosure



Wide accessory
selection

ARCA

Stylish and robust cabinet for harsh and demanding environments



ARCA enclosures are available as a screw cover enclosure, a hinged screw cover enclosure, or a hinged enclosure with latches. Select from a variety of latch options. Enclosure covers are available as either opaque or transparent clear. Complete ranges of mounting plates, fixed inner panels and hinged inner panels are available, in metal or non-metallic versions.

Dimensions mm:

PC

192 x 188 x 120	291 x 237 x 171	452 x 394 x 221
242 x 189 x 145	290 x 290 x 177	503 x 444 x 272
241 x 236 x 125	342 x 289 x 171	
292 x 236 x 125	393 x 339 x 196	

PC:

IP 66
IK 08
UL Type 4, 4X, 6, 6P, 12, 13.



Oversized, formed in place
seamless PUR gasket



Overlapping cover for
strength and increased gasket
protection



Your choice –
Interchangeable metal
or non-metallic latches

EURONORD

Ideal for housing DIN-terminals

EURONORD range is designed to house DIN-rail mounted terminal blocks and various types of electronic and electrical components. EURONORD enclosures are available in polycarbonate, ABS, and polyester. There are more than 140 different off-the-shelf versions available.

Dimensions mm:

PCQ/ABSQ Quicklocks:

66 x 98 x 41	150 x 340 x 121	164 x 244 x 120	200 x 360 x 151
124 x 244 x 102	164 x 244 x 90	160 x 360 x 101	360 x 400 x 151
150 x 340 x 101			

PC/ABS Standards:

50 x 52 x 40	80 x 120 x 90	120 x 160 x 90	164 x 244 x 90
50 x 65 x 45		120 x 160 x 140	164 x 244 x 120
66 x 98 x 41	80 x 160 x 55	120 x 200 x 75	160 x 250 x 90
	80 x 160 x 55	120 x 200 x 90	160 x 250 x 125
80 x 82 x 55	80 x 160 x 65		160 x 250 x 150
80 x 82 x 65	80 x 160 x 85	124 x 244 x 102	160 x 360 x 101
80 x 82 x 85	80 x 160 x 95	151 x 201 x 80	
80 x 82 x 95			200 x 360 x 151
	120 x 122 x 65	150 x 340 x 101	230 x 300 x 87
80 x 120 x 55	120 x 122 x 75	150 x 340 x 121	230 x 300 x 110
80 x 120 x 60	120 x 122 x 95		
80 x 120 x 85	120 x 122 x 105	164 x 244 x 90	360 x 400 x 151 (ABS only)

GRP:

75 x 80 x 55	75 x 190 x 55	160 x 160 x 91	251 x 256 x 121
75 x 110 x 55	120 x 122 x 90	160 x 260 x 92	250 x 402 x 120
75 x 160 x 55	120 x 220 x 90	160 x 361 x 91	401 x 406 x 120



Quicklock: 1/4 turn cover screw for easy cover removal



Ideal for housing DIN-terminals



Freedom of choice - 3 raw materials + 140 versions

ALU

Wide range of aluminium enclosures

ALU enclosures provide rigid construction, high impact resistance and they can be used at wide range of operating temperatures. They provide excellent protection against petroleum, hydraulic oils, alcohols and solvents. Aluminium enclosures are electrically conductive. EMC shielding with special gasket.

Dimensions mm:

Aluminium:

45 x 50 x 32	81 x 252 x 57	160 x 560 x 90	230 x 600 x 110
66 x 60 x 46	125 x 124 x 81	230 x 200 x 110	310 x 403 x 110
66 x 100 x 46	125 x 222 x 81	230 x 200 x 180	310 x 600 x 110
66 x 152 x 46	125 x 362 x 81	230 x 280 x 110	310 x 600 x 180
82 x 77 x 57	162 x 163 x 91	230 x 330 x 110	
81 x 127 x 57	162 x 263 x 91	230 x 330 x 180	
81 x 177 x 57	160 x 360 x 90	230 x 401 x 110	



Good resistance to chemical attack (painted)



Wall mounting holes outside gasket area: maintaining water tight seal



Enclosures can be custom designed



PC:

IP 66/IP 67
IK 07 (side surface)
IK 08 (front surface)
UL Type 1, 4, 4X, 12, 13.
UL 94-5V
UV-resistance: UL 508

ABS:

IP 66/IP 67
IK 07
NEMA 1, 4, 4X, 12, 13.
UL 94HB

GRP:

IP 66/IP 67
IK 08
NEMA 1, 4, 4X, 12, 13.
UL 94-5V

PCQ:

IP 65
IK 07/IK 08
NEMA 1, 3, 3S, 12, 13.
UL 94-5V
UV-resistance: UL 508

ABSQ:

IP 65
IK 07
NEMA 1, 3, 3S, 12, 13.
UL 94HB



AL:

IP 66/IP 67
IK 08
UL Type 1, 4, 4X, 12, 13.

PICCOLO

Unique dimensions designed to house electrical components



PICCOLO range is especially designed to house push buttons, terminal blocks, motor starters and electronic devices. They are also ideal for mounting and protecting process control sensors and switches. PICCOLO range is available in polycarbonate and ABS.

Dimensions mm:

PC/ABS

110 x 80 x 65	170 x 80 x 65	230 x 80 x 85
110 x 80 x 85	170 x 80 x 85	230 x 140 x 95
140 x 80 x 65	170 x 140 x 95	230 x 140 x 125
140 x 80 x 85	230 x 80 x 65	

PC:

IP 66/IP 67
IK 08
UL Type 1, 4X, 6, 12, 13.
UL 94-5V
UV-resistance: UL 508

ABS:

IP 66/IP 67
IK 07
NEMA 1, 4X, 6, 12, 13.
UL 94HB



High quality surface for printing



Designed for push-buttons



Strong and robust design due to the unique collar shape and round corners



DG

Saves time in enclosure assembly

Fibox DG control unit enclosures have been developed in close co-operation with key customers. Unique design saves time in assembly and on-site installation. Available in PC and ABS. DGM-version: Base with metric knock-outs and U-gland cut-outs.

Dimensions mm:

PC/ABS

280 x 192 x 110

PC:

IP 66/IP 67
DGM-models (with U-glands)
IP65
IK 08
NEMA 1, 3, 3S, 4*, 4X*, 6, 12, 13.
UL 94-5V
UV-resistance: UL 508

*excluding DGM-models

ABS:

IP 66/IP 67
IK 07
NEMA 1, 4, 4X, 6, 12, 13.
UL 94 HB



Cable channel below base



Easy and simple hinge - tool free assembly



Round top cover design avoid stagnant water

TEMPO

Designed to save time and money

Fibox Tempo enclosures are easy to use because they are designed to save time and money in assembly and installation. Fibox Tempo is fully compatible with the most common types of standard enclosure market. Large plain cover offers lots of space for printing, labels and switches. Rapid hinges can be installed in seconds, without any tools or screws.

Dimensions mm:

ABS

187 x 122 x 90	240 x 191 x 107	344 x 289 x 117
201 x 163 x 98	289 x 239 x 107	



Market compatible dimensions and mounting pods for easy replacement of PVC-enclosures



Quick-to-install hinge



Multiple wall mounting options



ABS:

IP 65
IK 07
UL 94HB

MCE

Modular component enclosures

MCE - Modular Component Enclosures offer easy-to-use and practical functionality and are designed to house DIN-rail mounted automation, control and switch gear components. MCE enclosures can be connected to each other with flange openings to build bigger panels. Cable entries are available in all sides. There are 5, 9, 14, 28 and 42 module options available as stock products. Bigger sizes available upon request.

Dimensions mm:

PC

200 x 116 x 105	280 x 306 x 145	580 x 306 x 145
200 x 190 x 105	430 x 306 x 145	



Adjustable mounting depth for DIN-rail components



Multi-cable entry with one gland



Spacious and easy to wire



PC:

IP 65
IK 08
NEMA 1, 3, 3S, 12, 13.
UL 94-5V
UV-resistance: UL 508

EK

Robust enclosures with flange openings



EK range is the ideal solution for housing equipment in either a single enclosure or a flexible modular system. EK is available with flange knock-outs providing several options to use a wide selection of accessories to connect to each other so as to form a larger enclosure panel.

Dimensions mm:**PC**

190 x 190 x 130	280 x 280 x 130	560 x 380 x 180
190 x 190 x 180	280 x 280 x 180	760 x 560 x 250
280 x 190 x 130	380 x 280 x 130	
280 x 190 x 180	380 x 280 x 180	
380 x 190 x 130	380 x 280 x 230	
380 x 190 x 180	560 x 280 x 130	

PC:

IP 66/IP 67; IP 65 FSH
 IK 08 (side surface)
 IK 09 (front surface)
 UL Type 1, 3, 3S, 4, 4X, 6, 6P, 12.
 UL 94-5V
 UV-resistance: UL 508



Modular structure for larger enclosure panels



Wide accessory selection



Suitable for demanding industrial, power distribution, outdoor use and UL applications

QUICK

For harsh industrial and outdoor environments



QUICK wall mounting cabinets are manufactured from high impact resistance polycarbonate or ABS withstanding harsh industrial and outdoor environments. These cabinets are equipped with quick screw covers. Transparent cover options allow easy viewing of installed equipment and indicators.

Dimensions mm:**PC/ABS**

300 x 200 x 170	400 x 300 x 230	600 x 400 x 210
300 x 300 x 170	400 x 400 x 170	600 x 400 x 270
400 x 300 x 170	600 x 300 x 170	

PC:

IP 66/IP 67
 IK 08
 NEMA 1, 3, 3S, 4, 4X, 12, 13.
 UL 94-5V
 UV-resistance: UL 508

ABS:

IP 66/IP 67
 IK 08
 NEMA 1, 3, 3S, 4, 4X, 6, 6P, 12, 13.
 UL 94HB



Quick locking cover screws for fast access to components



Adjustable depth for front panel



Smoked grey transparent covers provide UV-protection and easy viewing

SPACE LINK

Modular enclosures for power distribution panels

SPACE LINK modular enclosures are ideal for control and switch gear panel building. Quick Link system with flexible flange opening design allows easy and straightforward methods to connect enclosure assemblies together. Open bases which can be closed by blind or knock-out flanges provide excellent accessibility and wiring space for installation, mounting and cable connection even after coupling enclosures together.

Dimensions mm:

PC		
200 x 300 x 170	400 x 300 x 230	600 x 400 x 210
300 x 300 x 170	400 x 400 x 170	600 x 400 x 270
400 x 300 x 170	600 x 300 x 170	



PC:

IP 65
IK 08
NEMA 1, 3, 3S, 12, 13.
UL 94-5V
UV-resistance: UL 508



Modular structure



Quick-Link - Easy assembly



Snap-In-System
fastest way to assembly
the flanges

CARDMASTER

Two compartment solution

CARDMASTER range is ideal for packaging instrumentation, measurement, monitoring and process control equipment. It provides two compartments - one for circuit boards, controllers or displays and one for wiring. All sizes available in both polycarbonate and ABS.

Dimensions mm:

PC/ABS		
166 x 160 x 80	213 x 185 x 90	314 x 260 x 95
166 x 160 x 89	213 x 185 x 102	314 x 260 x 129
166 x 160 x 108	235 x 185 x 119	320 x 260 x 110
166 x 160 x 118	257 x 219 x 122	320 x 260 x 129
188 x 160 x 106	257 x 219 x 135	383 x 316 x 134
188 x 160 x 134	280 x 219 x 156	390 x 316 x 167



PC:

IP 65
IK 07 (side surface)
IK 08 (front surface)
UL Type 1, 4X*, 12K.
UL 94-5V
UV-resistance: UL 508

*smallest PC-sizes

ABS:

IP 65
IK 07
NEMA 1, 12K.
UL 94HB



Separate terminal
wiring compartment



NEMA 4x compliant-
extreme water protection



RoHS compliant and
halogen free

ATEX APPROVED ENCLOSURES

Enclosures for hazardous environments



EX enclosures are specially made for use in hazardous environments. They are designed, manufactured and tested to international standards. All certificates, such as ATEX, are issued by the manufacturer under license from a test authority. EX enclosures are made of either aluminium, polycarbonate or polyester.

Dimensions mm:

Aluminium

45 x 50 x 32	81 x 127 x 57	125 x 362 x 81
66 x 60 x 46	81 x 177 x 57	162 x 163 x 91
66 x 100 x 46	81 x 252 x 57	162 x 263 x 91
66 x 152 x 46	125 x 124 x 81	
82 x 77 x 57	125 x 222 x 81	

PC

188 x 188 x 130	278 x 278 x 130	378 x 278 x 130
188 x 188 x 180	278 x 278 x 180	378 x 278 x 180
278 x 188 x 130	378 x 188 x 130	558 x 278 x 130
278 x 188 x 180	378 x 188 x 180	558 x 378 x 180

GRP

75 x 80 x 55	120 x 122 x 90	160 x 361 x 91
75 x 110 x 55	120 x 220 x 90	251 x 256 x 121
75 x 160 x 55	160 x 160 x 91	250 x 402 x 120
75 x 190 x 55	160 x 260 x 92	406 x 401 x 120

AL: (ALX)

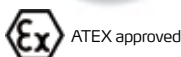
IP 66
IK 08
NEMA 1, 4, 4X, 6, 12, 13.

PC: (FEX)

IP 66
IK 08 (side surface)
IK 09 (front surface)
NEMA 1, 4, 4X, 6, 12, 13.
UL 94-5V
UV-resistance: UL 508

GRP: (PEX)

IP 66/IP 67
IK 08
NEMA 1, 4, 4X, 6, 12, 13.
UL 94-5V
UV-resistance: UL 508



ATEX approved



Hazardous environments



Aluminium, Polycarbonate, Polyester

CABLE MANAGEMENT

FIBOX accessory range provides an excellent selection of cable glands, membrane glands, flanges and cable entry solutions to easily manage cables with a high IP rating.

Membrane and polycarbonate flange plates:
from 140 x 49 mm to 127 x 332 mm.

Membrane and polyamide cable glands:
from M12 to M63.

Cable entries for one or two cables:
from 10 mm to 62 mm.



Wide selection of plastic and membrane gland plates



Wide selection of plastic and membrane glands



Variety of cable entries and cable entry boxes

GENERAL ACCESSORIES

Accessories offer more options when used in conjunction with Fibox enclosures. Fibox accessory range covers a variety of inspection windows, ventilation and pressure equalizer devices.

Inspection windows with clear cover from two modules (60 x 77 mm) to 24 modules (248 x 218 mm)
IP 54 - IP 65.

Inspection windows with smoked transparent cover from 12 modules (248 x 128 mm) to 36 modules (377 x 331 mm)
IP 65. Inspection windows can be also used for protecting surface mounted control and display components.

Ventilation solutions from M12 membrane pressure stabilizer to ventilator (50 x 70 x 20 mm), draining plug to fan holder (40 x 40 mm).



Inspection windows



Ventilation devices



Fibox accessories can be fitted to the most enclosures and cabinets

Fibox enclosures
Freedom of choice -
over 1000 enclosure variations



Fibox Enclosures

Fibox Enclosing innovations

Fibox designs and manufactures enclosures to package and protect innovations in harsh and demanding environments.

Fibox has a deep understanding of customers' applications, strong plastic and electrical engineering know-how, rapid prototyping processes, and the widest enclosure range for packaging electrical and electronic components and systems.

Fibox works in close cooperation with its customers. All Fibox products can be customized to meet the customer's requirements with the guarantee of ongoing consistency and quality.

Fibox is your trusted partner for all enclosing challenges. Together we turn your ideas and innovations into success stories.

Looking for more?

This leaflet presents an overview of over 1000 standard enclosures in the Fibox range. If you need more alternatives please contact your nearest Fibox representative or visit us at www.fibox.com. Our range is wider than shown in this overview.

More detailed information including dimensional drawings, CAD files, ordering symbols etc. is also provided at www.fibox.com.