

EK – COMPLETE MODULAR ENCLOSURES



IP 65

-40 °C

+100 °C



WHY EK

- Versatile and extremely durable.
- Fully modular and easy to build up and out.
- Comes with a wide selection of accessories that provide you with flexibility in usage.
- Either grey or transparent cover.
- Strong: IP rating IP66/67 and IK08 on the sides and IK09 in front.
- Wide size range from 190 x 190 x 130 mm to 760 x 560 x 250 mm.

EK Modular System

Complete enclosures (empty)

Symbol	Code	Dimensions
EKHA 130G	2538001	190x190x130
EKHA 130 T	2538101	190x190x130
EKHA 180 G	2538004	190x190x180
EKHA 180 T	2538104	190x190x180
EKJB 130 G	2538013	280x190x130
EKJB 130 T	2538113	280x190x130
EKJB 180 G	2538016	280x190x180
EKJB 180 T	2538116	280x190x180
EKMB 130 G	2538019	380x190x130
EKMB 130 T	2538119	380x190x130
EKMB 180 G	2538022	380x190x180
EKMB 180 T	2538122	380x190x180
EKOE 130 G	2538037	280x280x130
EKOE 130 T	2538137	280x280x130
EKOE 180 G	2538040	280x280x180
EKOE 180 T	2538140	280x280x180
EKPE 130 G	2538043	380x280x130
EKPE 130 T	2538143	380x280x130
EKPE 180 G	2538046	380x280x180
EKPE 180 T	2538146	380x280x180
EKPK 180 G	2538055	380x280x180
EKPK 180 T	2538155	380x280x180
EKPK 230 G	2538058	380x280x230
EKPK 230 T	2538158	380x280x230
EKPL 180 G	2538061	380x280x180
EKPL 180 T	2538161	380x280x180
EKPL 230 G	2538064	380x280x230
EKPL 230 T	2538164	380x280x230
EKTH 130 G	2538067	560x280x130
EKTH 130 T	2538167	560x280x130
EKUH 180 G	2538073	560x380x180
EKUH 180 T	2538173	560x380x180
EKUM 180 G	2538079	560x380x180
EKUM 180 T	2538179	560x380x180
EKUN 180 G	2538085	560x380x180
EKUN 180 T	2538185	560x380x180
EKWH 250 G NEW	2538990	760x560x250

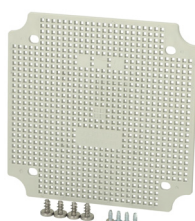
Complete enclosures with multiperformed mounting plates (MPI)

Symbol	Code	Dimensions
EKHA MPI 130 G	2538201	190x190x130
EKHA MPI 130 T	2538301	190x190x130
EKJB MPI 130 G	2538213	280x190x130
EKJB MPI 130 T	2538313	280x190x130
EKOE MPI 130 G	2538237	280x280x130
EKOE MPI 130 T	2538337	280x280x130
EKPE MPI 130 G	2538246	380x280x130
EKPE MPI 130 T	2538346	380x280x130



Mounting plates

Symbol	Code	Dimensions
EKHVT	3770548	158x158x1,5
MPI EKH 1919	3770100	167x167x4
EKJVT	3770549	238x148x1,5
MPI EKJ 2819	3770101	259x164x4
EKMVT	3770550	338x158x1,5
EKOVT	3770551	238x238x1,5
MPI EKO 2828	3770102	244x244x4
EKPVT	3770552	338x238x1,5
MPI EKP 3828	3770103	338x238x4
EKTVT	3770553	518x238x1,5
EKUVT	3770554	518x338x1,5
2 x EKUVT	3770554	518x338x1,5



Extension frames

Symbol	Code	Dimensions
EKJZR	3730153	280x190x50
EKMZR	3730152	380x190x50
EKOZR	3730093	280x280x50
EKPZR	3730141	380x280x50
EKTZR	3730142	560x280x50
EKUZR	3730323	560x380x50



Complete enclosures with DIN-Rail Sets (DRS)

Symbol	Code	Description	Dimensions
JBL12-1 DIN-rail encl.	2550005	Modular component enclosure, grey screw cover with inspection window, 1x13 modules	190x280x160
OEL24-1 DIN-rail encl.	2550000	Modular component enclosure, grey screw cover with inspection window, 2x13 modules	280x280x160
THL24-1 DIN-rail encl.	2550021	Modular component enclosure, grey screw cover with inspection window, 2x13 modules	560x280x160
THL24-2 DIN-rail encl.	2550022	Modular component enclosure, grey screw cover with two inspection windows, 4x13 modules	560x280x160
MC EKHA 191913 T-2FSH 1x9	2539600	Modular component enclosure, hinged transparent cover, 1x9 modules	190x190x130
MC EKJB 192813 T-2FSH 1x14	2539602	Modular component enclosure, hinged transparent cover, 1x14 modules	190x280x130
MC EKJB 281913 T-2FSH 2x9	2539601	Modular component enclosure, hinged transparent cover, 2x9 modules	280x190x130
MC EKOE 282813 T-2FSH 2x14	2539603	Modular component enclosure, hinged transparent cover, 2x14 modules	280x280x130
MC EKPE 382813 T-2FSH 2x19	2539604	Modular component enclosure, hinged transparent cover, 2x19 modules	280x380x130
MC EKPE 382813 T-2FSH 3x14	2539605	Modular component enclosure, hinged transparent cover, 3x14 modules	380x280x130
MC EKTH 562813 T-3FSH 4x13	2539606	Modular component enclosure, hinged transparent cover, 4x13 modules	560x280x130
MC EKUM 563818 T-3FSH 4x19	2539607	Modular component enclosure, hinged transparent cover, 4x19 modules	560x380x180



Complete enclosures with terminals

Symbol	Code	Description	Dimensions
CUAL EK 281913 G 50mm ²	2674640	Enclosure incl. 5 x 1.5 mm ² - 50 mm ² Cu/Al terminals and cable entry flanges	280x190x130
CUAL EK 382813 G 2X95mm ²	2674642	Enclosure incl. 5 x 6 mm ² - 95 mm ² Cu/Al terminals and cable entry flanges	380x280x130
CUAL EK 382813 G 95mm ²	2674641	Enclosure incl. 2 x 5 x 6 mm ² - 95 mm ² Cu/Al terminals and cable entry flanges	380x280x130
CUAL EK 562813 G 2X150mm ²	2674643	Enclosure incl. 2 x 5 x 25 mm ² - 150 mm ² Cu/Al terminals and cable entry flanges	560x280x130



Assembly kits

Symbol	Code	Description	Flange size
FG gasket set size 1	2550078	Coupling set size 1, 138 x 48 mm	1
FG gasket set size 2	2550079	Coupling set size 2, 216 x 84 mm	2
FG gasket set size 3	2550048	Coupling set size 3, 332 x 127 mm	3

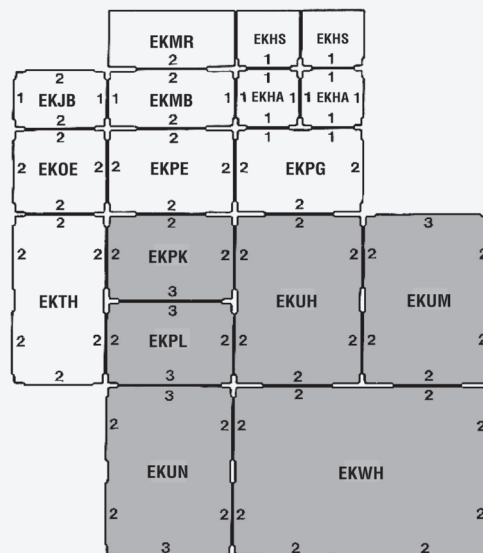


Technical data

Ingress Protection (EN60529)	IP65* IP66 / IP67
Impact resistance (EN62262)	
Base	IK-08
Base incl. flanges	IK-08
Covers	IK-08
Flammability rating	UL94-V0
Glow wire test	960 °C IEC695-2-1, self-extinguishing
UV-resistant	Yes
Halogen-free	Yes
Chemical resistance	Extremely good**
Materials	
Bases	Fiberglass reinforced polycarbonate
Covers	Polycarbonate
Temperature range	
Continuous	-40 °C / +80 °C
Standard colour	
Bases	Light grey RAL 7035
Covers	Transparent/light grey RAL 7035
Protection	Double insulated
Rated voltage	660 VAC
Rated current	630 A
Max. short circuit current	25 kA/1s eff.
Max. peak short circuit	56,5 kA peak value
Standard	EN62208 EN61439-3 EN61439-4

* When using membrane flanges, hinged lids and hinged covers

** For more information, please contact your local customer service team



Bases illustrated in white are 100 mm deep, while bases in grey are 150 mm deep. The numbers along the enclosure sides show where there are flange blanks for assembly or flange assembly, as well as what sizes they are.

FIBOX

Enclosing innovations

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Watch the video



See the selection