



KV 1509



- Small-type distribution board with terminal
- with FIXCONNECT® N- und PE terminal
- for installation of devices up to $I_n = 63\text{ A}$ for mounting on DIN rail, top hat profile 35 mm
- with 1x 9 modules (18 mm)

ELECTRICAL PROPERTIES

Rated voltage: $U_n = 400\text{ V}$

Rated insulation voltage:

Rated insulation voltage	Voltage type
$U_i = 690\text{ V}$	a.c.

Protection class: II
Rated current (of the terminal): $I_n = 101\text{ A}$
N separable: No

power dissipation capability according to
DIN EN 60670-24:

power dissipation capability P _{de}	Temperature difference
$P_{de} = 16\text{ W}$	30 K

CONNECTION DATA

Number of clamping units per pole:

Number of clamping units per pole	Connection type
8	Plug-in terminal connection
2	Screw connection

Connection cross-section plug-in terminal connection:

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conductor type	Conductor material
1	1.5 mm ²	4 mm ²	solid, flexible	round	Cu

Connection cross-section screw connection:

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conductor type	Conductor material
4	1.5 mm ²	2.5 mm ²	solid	round	Cu
1	1.5 mm ²	25 mm ²	flexible	round	Cu
3	4 mm ²	6 mm ²	solid	round	Cu
1	10 mm ²	10 mm ²	solid	round	Cu
1	16 mm ²	25 mm ²	stranded	round	Cu

CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Sealing range of the cable entry	Location of cable entry
4	elastic membranes	7 mm - 16 mm	wall top+bottom
2	elastic membranes	10 mm - 20 mm	wall top+bottom
1	elastic membranes	10 mm - 24 mm	wall top+bottom

MECHANICAL PROPERTIES

Type of cover:	Cover
Transparent cover:	Yes
Width in modules:	9 modules
Number of rows:	1
Delivered accessories:	Sealing plug, DIN rail(s), labelling strips, cable entry cover
IP degree of protection:	IP54
Cover cutouts:	Break out

AMBIENT CONDITIONS

During installation, the climatic effects on the installed equipment must be taken into account, for example high and low ambient temperatures and solar radiation. To reduce the formation of condensed water, see technical information: Formation of condensed water and retaliatory actions.

Application area:	Indoor installation
Maximum ambient temperature 24 h:	35 °C
Ambient temperature:	-5 °C up to +40 °C
Relative humidity:	≤ 50 % at 40 °C, ≤ 100 % at 25 °C

MATERIAL PROPERTIES

Material:	Polystyrene
Glow wire test according to IEC 60695-2-11:	750 °C
UL 94:	V-2
Temperature resistance:	-25 °C up to +80 °C
Halogen-free:	Yes
Silicone-free:	Yes

DIMENSIONS

Height:	238 mm
Width:	200 mm
Depth:	111 mm
Net weight:	0.96 kg

CERTIFICATES

conforming to the standards:	EN 60670-1, DIN EN 60670-24
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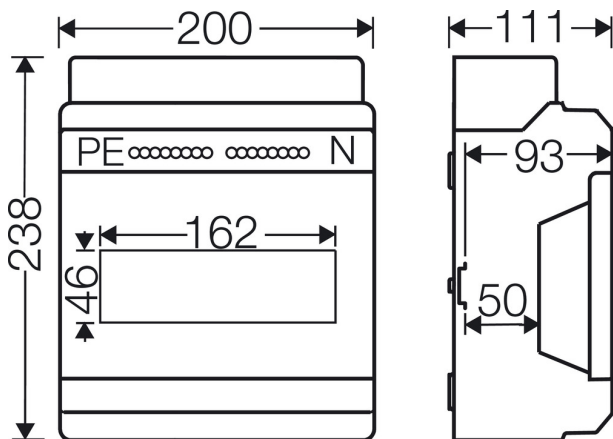
SALES DATA

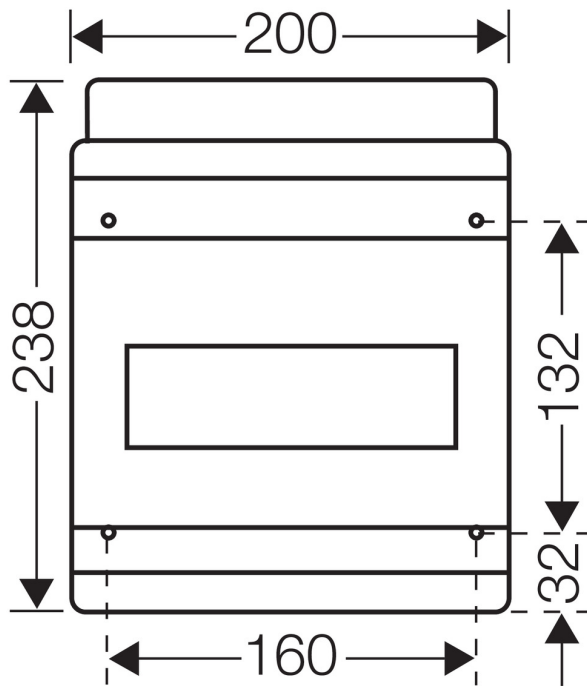
Product number:	61000736
EAN:	4012591107071
Pack unit:	1
Customs tariff number:	85381000
ETIM class:	DYNAMIC: EC000214 - Small distribution board ETIM-8.0: EC000214 - Small distribution board ETIM-7.0: EC000214 - Small distribution board ETIM-6.0: EC000214 - Small distribution board ETIM-5.0: EC000214 - Small distribution board ETIM-4.0: EC000214 - Small distribution board

NOTE

When using the sealing plugs supplied, the specified protection class is not changed.

DRAWINGS





4xØ7-16 mm

2xØ10-20 mm

1xØ10-24 mm

4xØ7-16 mm

2xØ10-20 mm

1xØ10-24 mm