



KV 1512



- 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 12 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): $I_n = 75\text{ A}$
Number of possible N-potentials: 2
N separable: No

power dissipation capability according to
DIN EN 60670-24:

power dissipation capability P_{de}	Temperature difference
$P_{de} = 26\text{ W}$	30 K

CONNECTION DATA

Number of clamping units per pole:

Number of clamping units per pole	Connection type
12	Plug-in terminal connection
3	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
8	elastic membranes	7 mm - 12 mm	wall top+bottom
8	elastic membranes	7 mm - 14 mm	wall top+bottom
4	elastic membranes	12 mm - 20 mm	wall top+bottom
1	elastic membranes	16.5 mm - 29 mm	wall top+bottom

MECHANICAL PROPERTIES

Type of cover:	Door
Transparent cover:	Yes
Width in modules:	12 modules
Number of rows:	1
Delivered accessories:	Sealing plug, DIN rail(s), blanking strips, labelling strips, cable entry cover
IP degree of protection:	IP54
Cover cutouts:	Open

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:	333 mm
Width:	295 mm
Depth:	129 mm
Net weight:	1.994 kg

CERTIFICATES

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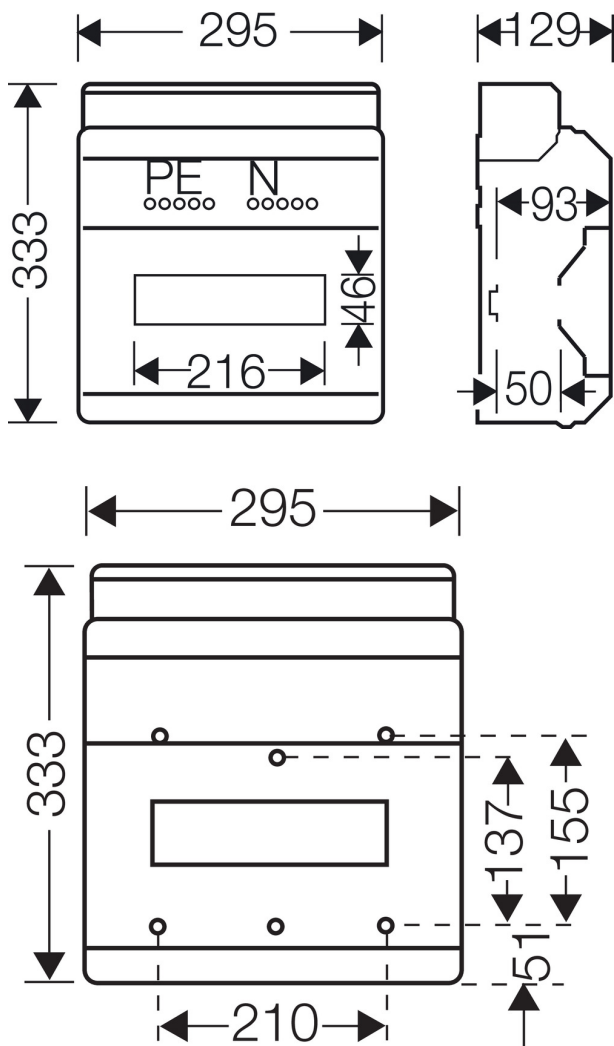
SALES DATA

Product number:	6100224
EAN:	4012591622246
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



8xØ7-12 mm

8xØ7-14 mm

[4xØ12-20 mm
1xØ16,5-29 mm

8xØ7-12 mm
8xØ7-14 mm]

4xØ12-20 mm

1xØ16,5-29 mm