



KV 7103



- with FIXCONNECT® N- und PE terminal
- for installation of units up to $I_n = 63\text{ A}$ for mounting on DIN rail, top hat profile 35 mm
- with metric knockouts
- with 1x 3 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): $I_n = 75\text{ A}$
N separable: No

power dissipation capability according to
DIN EN 60670-24:

power dissipation capability P _{de}	Temperature difference
10 W	30 K

CONNECTION DATA

Number of clamping units per pole:

Number of clamping units per pole	Connection type
4	Plug-in terminal connection
1	Screw connection

Connection cross-section plug-in
terminals:

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

Connection cross-section screw terminals:

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

CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Location of cable entry
2	metric knockouts	M20	wall top+bottom

MECHANICAL PROPERTIES

Type of cover:	Cover
Transparent cover:	Yes
Width in modules:	3 modules
Number of rows:	1
Delivered accessories:	Sealing plug, DIN rail(s), blanking strips, labelling strips, cable entry cover
IP degree of protection:	IP65
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:	197 mm
Width:	102 mm
Depth:	92 mm

Net weight: 0.404 kg

COLOURS

Colour: Grey, similar to RAL 7035

CERTIFICATES

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

SALES DATA

Product number: 6100412
EAN: 4012591624370
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.

TENDER TEXT

Small-type distribution board according to EN 60670-24 and IEC 61439 -3, for the installation of DIN rail equipment up to 63 A in accordance with DIN 43880, total insulated (protection class II). FIXCONNECT terminal technology for PE and N terminals from 1.5 mm² to 4 mm² for solid and flexible copper conductors as well as a terminal from 1.5 mm² to 25 mm² with wire protection and protection against self-loosening for solid, stranded and flexible copper conductors. Suitable for indoor installations - normal environment and/or protected outdoor installations - according to DIN VDE 0100, part 737. For ambient temperatures of maximum + 40°C and minimum - 5°C, relative humidity 50% at 40°C or 100% at 25°C, material temperature resistance from - 40°C to 70°C burning behaviour according to IEC 60695-2-11 - glow wire test 750°C, UL Subject 94 V-2. Rated voltage: AC 230/400 V. Rated current of the N-bar: I= 75 A. Material: thermoplastic, halogen and silicon-free. Colour: grey, RAL 7035 with transparent lid. Make: HENSEL KV, Degree of protection: IP 65 with metric knockouts 3 modules 18 mm each. Dimensions HxWxD 197 x 102 x 92 mm

DRAWINGS



