



KV 8118 G



- without terminals
- for installation of units up to $I_n = 63$ A for mounting on DIN rail, top hat profile 35 mm
- with 1x 18 modules (18 mm)

ELECTRICAL PROPERTIES

Rated voltage: $U_n = 400$ V

Rated insulation voltage:

Rated insulation voltage	Voltage type
$U_i = 1000$ V	a.c.
$U_i = 1500$ V	d.c.

Protection class: II
 Rated current: $I_n = 63$ A

Power dissipation capability:

power dissipation capability Pde	Temperature difference
33 W	30 K

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33 W	30 K

power dissipation capability according to
DIN EN 60670-24:

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

CONNECTION DATA

CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Sealing range of the cable entry	Location of cable entry
8	metric knockouts	M20		wall top+bottom
8	elastic membranes	without	7 mm - 12 mm	wall top+bottom
8	elastic membranes	without	7 mm - 14 mm	wall top+bottom
4	elastic membranes	without	12 mm - 20 mm	wall top+bottom
1	elastic membranes	without	16.5 mm - 29 mm	wall top+bottom

MECHANICAL PROPERTIES

Type of cover:	Door
Transparent cover:	Yes
Width in modules:	18 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:	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:	403 mm
Depth:	129 mm
Net weight:	2.206 kg

COLOURS

Colour:	Grey, similar to RAL 7035
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CERTIFICATES

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

Product number:	61001095
EAN:	4012591117643
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

Tender text:

Small-type distribution board in accordance with IEC 60670-24, DIN 43871 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). Suitable for indoor installation and outdoor installation protected against weather influences in accordance with DIN VDE 0100, Part 737 (German Standard). For ambient temperature maximum + 40 °C and minimum - 5 °C, at 50% relative humidity at 40 °C or 100% at 25 °C. Temperature resistance of the material of - 25 °C to 70 °C Burning behaviour in accordance with IEC 60695-2-11 -Glow wire test 750 °C, UL Subject 94 V-2. Material: thermoplastics, halogenfree and silicone-free. Colour: grey, RAL 7035 with transparent door covering all DIN rails. Make: HENSEL KV. , Degree of protection: IP 65 with two flanges without knockouts (included). 18 modules each 18 mm. Dimensions H x W x D 333 x 403 x 129 mm.

DRAWINGS

