



DK 2516 P

IP  
66

16 mm<sup>2</sup>

- Cable junction box for normal environment and protected outdoor
- with 10x terminal block Phoenix Contact PTI 16/S
- Dimensions H x W x D: 205 x 255 x 112 mm
- with metric knockouts

ELECTRICAL PROPERTIES

Rated insulation voltage:

$U_i = 500\text{ V}$

Rated current:

$I_n = 76\text{ A}$

CONNECTION DATA

Terminal cross-section:

Maximum number of conductors clamping units each	Conductor cross-section min.	Conductor cross-section max.	Conductor cross section	Conductor type	Conductor material
1	0.5 mm <sup>2</sup>	16 mm <sup>2</sup>	solid, stranded, flexible, flexible with end ferrule	round	Cu

Number of clamping units per pole:

4

Connection type:

Plug-in terminal connection

Ferrule required for flexible conductors:

No

Dismantling length:

18 mm

## CABLE ENTRIES

Cable entries:

Number of cable entries	Type of cable entry	Size of the metric knockouts	Location of cable entry
10	metric knockouts	M25, M40, M50	wall

## MECHANICAL PROPERTIES

Type of lid fastening:	Quick locking: Opening and closing by quarter turn, locked position well visible (open - locked)
Delivered accessories:	External brackets, sealing plug
IP degree of protection:	IP66 IP degree of protection of the included Grommets 3x ESM 40: IP55, sealing range 17 mm - 30 mm
Impact strength:	IK07
Sealable without accessories:	Yes

## AMBIENT CONDITIONS

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

## MATERIAL PROPERTIES

Material:	Polycarbonate
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:	205 mm
Width:	255 mm
Depth:	112 mm
Net weight:	1.072 kg

## CERTIFICATES

conforming to the standards:

DIN EN 60670-1/-22, IEC 60670-1/-22

## SALES DATA

Product number:	62000421
EAN:	4012591159636
Pack unit:	2
Customs tariff number:	85369010
ETIM class:	DYNAMIC: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-8.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-7.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-6.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-5.0: EC002600 - Box/housing for surface mounting on the wall/ceiling ETIM-4.0: EC002600 - Box/housing for surface mounting on the wall/ceiling

## NOTE

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

## TENDER TEXT

Cable junction boxes in accordance with IEC 60670-22, with built-in connecting terminal and metric knockouts. Suitable for indoor and protected outdoor installation in accordance with DIN VDE 0100, part 737. For ambient temperatures maximum value +40 °C and minimum value -25 °C, with relative humidity of 50 % at +40 °C or 100 % at +25 °C. Material temperature resistance of -25 °C to +70 °C, burning behaviour according to IEC 60695-2-11 - glow wire test 750 °C, UL Subject 94 V-2. Degree of protection in accordance with IEC 60529: IP 66 with ADG cable glands. Rated insulation voltage: 500 V. Material: thermoplastics, halogen- and silicone-free. Colour: grey RAL 7035. Lid fastening with quick fasteners, sealable without accessories. Plug-in external brackets for wall mounting included. Make: HENSEL ENYCASE DK., Nominal cross-section: 0,5-16 mm<sup>2</sup>, 5-pole terminal, dimensions HxWxD 205 x 255 x 112 mm

## DRAWINGS

