ICS25-TL77X12-7035 - Upper housing part

1019570

https://www.phoenixcontact.com/us/products/1019570

DIN rail housing, Upper part, with transparent hinged cover, Housing cover, width: 25 mm, height: 78.5 mm, depth: 14.35 mm, color: light gray (similar RAL 7035)

Your advantages

- Flexible use, thanks to the modular system and unique modularity in the connection technology
- Standardized connections such as RJ45, USB, D-SUB and antenna sockets as components that can be integrated
- Optimal space utilization, as well as adaptability of design, colors, and printing
- Eight-position DIN rail connectors with parallel and up to two serial contacts for easy module-to-module communication

Commercial data

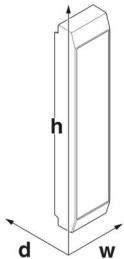|	
Item number	1019570
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAEC
GTIN	4055626506746
Weight per piece (including packing)	13.39 g
Weight per piece (excluding packing)	13.3 g
Customs tariff number	85389099
Country of origin	DE

ICS25-TL77X12-7035 - Upper housing part

1019570

https://www.phoenixcontact.com/us/products/1019570

PHŒNIX CONTACT

Technical data

Notes

Assembly note	Please observe the application note in the download area.

Product properties

Product type	Upper housing part
Housing type	DIN rail housing
Housing series	ICS
Product family	ICS25-..77X..
Number (Connection openings)	0
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	25 mm
Height	78.5 mm
Depth	14.35 mm

PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Upper housing part)	light gray (RAL 7035)
Color (Hinged cover)	transparent
Material Upper housing part	PA
Material Hinged cover	PC
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated

Environmental and real-life conditions

Vibration test	
Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min

Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

Shocks

Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

Protection against electric shock

Specification	IEC 60998-1:2002-12
Requirements, protection against electric shock	It must not be possible to touch any conductive part with the IEC test finger and a test force of 10 N.

Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	max. 80 %

ICS25-TL77X12-7035 - Upper housing part

PCB data

Type of PCB mount	Slot
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Snap in

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

Drawings

Dimensional drawing

h

d

w
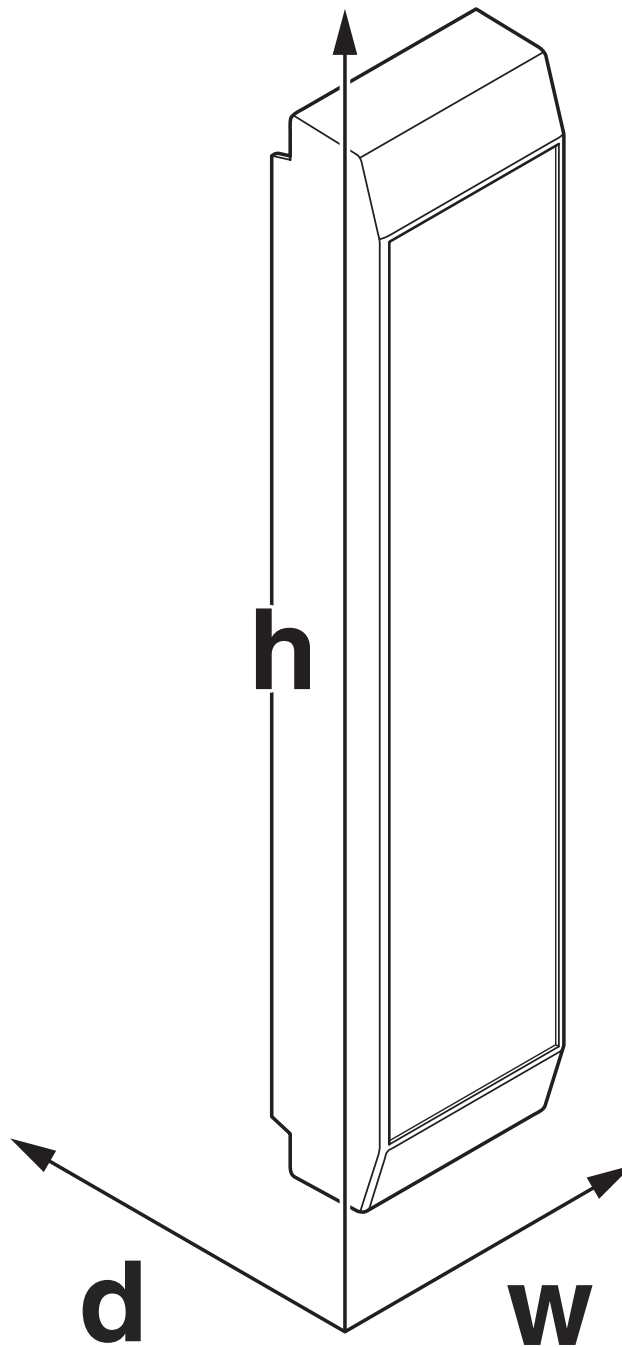
Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

ICS25-TL77X12-7035 - Upper housing part

1019570

https://www.phoenixcontact.com/us/products/1019570

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1019570

UL Recognized
Approval ID: E240868

ICS25-TL77X12-7035 - Upper housing part

1019570

https://www.phoenixcontact.com/us/products/1019570

Classifications

ECLASS

ECLASS-13.0	27190603
ECLASS-15.0	27190603

ETIM

ETIM 9.0	EC002779

UNSPSC

UNSPSC 21.0	31261500

ICS25-TL77X12-7035 - Upper housing part

1019570

https://www.phoenixcontact.com/us/products/1019570

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%