

# ICS25-TL100X12-7035 - Upper part of housing



2203883

<https://www.phoenixcontact.com/us/products/2203883>

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DIN rail housing, Upper part, with transparent hinged cover, width: 25 mm, height: 101 mm, depth: 14.35 mm, color: light grey (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	2203883
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	AC09
Product key	ACHAEC
GTIN	4055626465586
Weight per piece (including packing)	16.04 g
Weight per piece (excluding packing)	12.4 g
Customs tariff number	85389099
Country of origin	DE

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## Technical data

### Notes

General	Refer to the data sheet for the range in the download area.
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### Product properties

Product type	Upper housing part
Product family	ICS25-..100X..
Type	Upper part, with transparent hinged cover
Housing type	DIN rail housing
Ventilation openings present	no
Housing series	ICS

### Dimensions

Dimensional drawing	
Width	25 mm
Height	101 mm
Depth	14.35 mm

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

Color	light grey (7035)
Color (Housing cover)	transparent
Flammability rating according to UL 94	V0
CTI according to IEC 60112	600
Surface characteristics	untreated
Housing material	Polyamide

### 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

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## 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)	80 %

## PCB data

Number of PCB holders	2
Type of PCB mount	Slot
Thickness of the PCB	1.4 mm ... 1.8 mm

## Mounting

Mounting type	Snap in
Mounting position	Vertical (horizontal DIN rail)

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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

## Drawings

Dimensional drawing



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.

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2203883>



**UL Recognized**

Approval ID: FILE E 240868

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

### ETIM

ETIM 9.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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## Mandatory accessories

### ICS25-B100X98-V-7035 - Mounting base housing

2203881

<https://www.phoenixcontact.com/us/products/2203881>

DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 25 mm, height: 100 mm, depth: 108.35 mm, color: light grey (7035), cross connection: DIN rail connector (optional), number of positions cross connector: 8

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### ICS25-B100X120-V-7035 - Mounting base housing

2203884

<https://www.phoenixcontact.com/us/products/2203884>

DIN rail housing, Lower housing part with metal foot catch, Level 1: with vents, width: 25 mm, height: 100 mm, depth: 130.9 mm, color: light grey (7035), cross connection: DIN rail connector (optional), number of positions cross connector: 8

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## Accessories

# ICS25-TL100X12-7035 - Upper part of housing



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## ICC25-H/4L5,0-7035 - PCB header

2203902

<https://www.phoenixcontact.com/us/products/2203902>

PCB headers, nominal cross section:  
2.5 mm<sup>2</sup>, color: light grey, nominal  
current: 16 A, rated voltage (III/2): 320  
V, contact connection type: Pin,  
number of potentials: 4, number of  
rows: 1, number of positions: 4,  
number of connections: 4, product  
range: ICC..-H/..L5,0, pitch: 5 mm,  
mounting: Wave soldering, pin layout:  
Linear pinning, solder pin [P]: 3.5 mm,  
number of solder pins per potential: 1,  
Pin connector pattern alignment:  
Standard, locking: Snap-in locking,  
mounting: without, type of packaging:  
Box packaging, Product with pin  
output on left side

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## ICC25-H/4R5,0-7035 - PCB header

2203903

<https://www.phoenixcontact.com/us/products/2203903>

PCB headers, nominal cross section:  
2.5 mm<sup>2</sup>, color: light grey, nominal  
current: 16 A, rated voltage (III/2): 320  
V, contact connection type: Pin,  
number of potentials: 4, number of  
rows: 1, number of positions: 4,  
number of connections: 4, product  
range: ICC..-H/..R5,0, pitch: 5 mm,  
mounting: Wave soldering, pin layout:  
Linear pinning, solder pin [P]: 3.5 mm,  
number of solder pins per potential: 1,  
Pin connector pattern alignment:  
Standard, locking: Snap-in locking,  
mounting: without, type of packaging:  
Box packaging, Product with pin  
output on right side

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## PSPT 2,5/ 4-ST KMGY - Printed-circuit board connector

2202344

<https://www.phoenixcontact.com/us/products/2202344>

PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light grey, nominal current: 16 A, rated voltage (III/2): 300 V, contact surface: Tin, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: PSPT 2,5/..-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, locking: without, mounting: without, type of packaging: packed in cardboard, Color of the spring lever: orange

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## MSTBT 2,5 HC/ 4-STP GY7035 - Printed-circuit board connector

2200332

<https://www.phoenixcontact.com/us/products/2200332>

PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: light grey, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of rows: 1, number of positions: 4, product range: MSTBT 2,5 HC/..-STP, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5 HC, locking: without, mounting: without

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<https://www.phoenixcontact.com/us/products/2203883>



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## ICS25-F22S-7035 - Connection plate

2203890

<https://www.phoenixcontact.com/us/products/2203890>

DIN rail housing, ICS filler, closed,  
width: 25 mm, height: 7.25 mm, depth:  
22.4 mm, color: light grey (7035)

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## ICS25-F45S-7035 - Connection plate

2203891

<https://www.phoenixcontact.com/us/products/2203891>

DIN rail housing, ICS filler, closed,  
width: 25 mm, height: 7.25 mm, depth:  
44.9 mm, color: light grey (7035)

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## ICS25-F22V-7035 - Connection plate

1079495

<https://www.phoenixcontact.com/us/products/1079495>

DIN rail housing, ICS filler, with vents,  
width: 25 mm, height: 7.25 mm, depth:  
22.4 mm, color: light grey (7035)

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## ICS25-F45V-7035 - Connection plate

1079492

<https://www.phoenixcontact.com/us/products/1079492>

DIN rail housing, ICS filler, with vents,  
width: 25 mm, height: 7.25 mm, depth:  
44.9 mm, color: light grey (7035)

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<https://www.phoenixcontact.com/us/products/2203883>



## ICS25-F22J-7035 - Connection plate

2203895

<https://www.phoenixcontact.com/us/products/2203895>

DIN rail housing, ICS filler, with RJ45 function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

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## ICS25-F22U-7035 - Connection plate

1053046

<https://www.phoenixcontact.com/us/products/1053046>

DIN rail housing, ICS filler, with USB function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

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## ICS25-F22A-7035 - Connection plate

2203894

<https://www.phoenixcontact.com/us/products/2203894>

DIN rail housing, ICS filler, with antenna function cutout, width: 25 mm, height: 7.25 mm, depth: 22.4 mm, color: light grey (7035)

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## ICS25-F45D15-7035 - Connection plate

2203896

<https://www.phoenixcontact.com/us/products/2203896>

DIN rail housing, ICS filler, with D-SUB 15 function cutout, width: 25 mm, height: 7.25 mm, depth: 44.9 mm, color: light grey (7035)

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## TBUS8-25,0-PPPPPPP-7035 - DIN rail bus connectors

2202891

<https://www.phoenixcontact.com/us/products/2202891>

DIN rail connector, color: light grey, nominal current: 6 A (parallel contacts), rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 8 parallel contacts

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2203883

<https://www.phoenixcontact.com/us/products/2203883>



## TBUS8-25,0-PPPPPPPS-7035 - DIN rail bus connectors

2202890

<https://www.phoenixcontact.com/us/products/2202890>

DIN rail connector, color: light grey, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 7 parallel contacts/1 serial contact

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## TBUS8-25,0-PPPPPPSS-7035 - DIN rail bus connectors

2202895

<https://www.phoenixcontact.com/us/products/2202895>

DIN rail connector, color: light grey, nominal current: 6 A, 4 A (parallel contacts) (Serial contacts), rated voltage (III/2): 32 V, number of positions: 8, pitch: 2.54 mm, mounting: DIN rail mounting, locking: without, mounting: without, type of packaging: packed in cardboard, Item with gold-plated contacts, bus connectors for connecting with electronics housings, 6 parallel contacts/2 serial contacts

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## HS LC-H-D3/ R1XC1 - Fiber optic

2202313

<https://www.phoenixcontact.com/us/products/2202313>

Multiple light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-5X2/ R1XC1 - Fiber optic

2202314

<https://www.phoenixcontact.com/us/products/2202314>

Single light guide, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D3/ R2XC1-5,08 - Fiber optic

2202315

<https://www.phoenixcontact.com/us/products/2202315>

Multiple light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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# ICS25-TL100X12-7035 - Upper part of housing

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## HS LC-H-D2/ R2XC1-2,54 - Fiber optic

2202316

<https://www.phoenixcontact.com/us/products/2202316>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R2XC2-2,54 - Fiber optic

2202317

<https://www.phoenixcontact.com/us/products/2202317>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R2XC4-2,54 - Fiber optic

2202531

<https://www.phoenixcontact.com/us/products/2202531>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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# ICS25-TL100X12-7035 - Upper part of housing

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## HS LC-H-D2/ R2XC5-2,54 - Fiber optic

2202318

<https://www.phoenixcontact.com/us/products/2202318>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R2XC10-2,54 - Fiber optic

2202319

<https://www.phoenixcontact.com/us/products/2202319>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R3XC1-2,54 - Fiber optic

1393207

<https://www.phoenixcontact.com/us/products/1393207>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R3XC10-2,54 - Fiber optic

1104374

<https://www.phoenixcontact.com/us/products/1104374>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC4-2,54 - Fiber optic

2202532

<https://www.phoenixcontact.com/us/products/2202532>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC2-2,54 - Fiber optic

2202320

<https://www.phoenixcontact.com/us/products/2202320>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC5-2,54 - Fiber optic

2202321

<https://www.phoenixcontact.com/us/products/2202321>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC9-2,54 - Fiber optic

2202322

<https://www.phoenixcontact.com/us/products/2202322>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2/ R4XC10-2,54 - Fiber optic

2202323

<https://www.phoenixcontact.com/us/products/2202323>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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# ICS25-TL100X12-7035 - Upper part of housing

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## HS LC-H-D2C/ R2XC1-2,54 - Fiber optic

1036658

<https://www.phoenixcontact.com/us/products/1036658>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R2XC2-2,54 - Fiber optic

1043044

<https://www.phoenixcontact.com/us/products/1043044>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R2XC4-2,54 - Fiber optic

1036724

<https://www.phoenixcontact.com/us/products/1036724>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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# ICS25-TL100X12-7035 - Upper part of housing

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## HS LC-H-D2C/ R2XC5-2,54 - Fiber optic

1071310

<https://www.phoenixcontact.com/us/products/1071310>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R2XC10-2,54 - Fiber optic

1071314

<https://www.phoenixcontact.com/us/products/1071314>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC2-2,54 - Fiber optic

1071316

<https://www.phoenixcontact.com/us/products/1071316>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC4-2,54 - Fiber optic

1036727

<https://www.phoenixcontact.com/us/products/1036727>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC5-2,54 - Fiber optic

1071318

<https://www.phoenixcontact.com/us/products/1071318>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC9-2,54 - Fiber optic

1071321

<https://www.phoenixcontact.com/us/products/1071321>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D2C/ R4XC10-2,54 - Fiber optic

1071329

<https://www.phoenixcontact.com/us/products/1071329>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D3PL/ R2XC2-5,08 - Fiber optic

1474395

<https://www.phoenixcontact.com/us/products/1474395>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D3PL/ R2XC3-5,08 - Fiber optic

1474396

<https://www.phoenixcontact.com/us/products/1474396>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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# ICS25-TL100X12-7035 - Upper part of housing

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## HS LC-H-D3PL/ R2XC4-5,08 - Fiber optic

1474397

<https://www.phoenixcontact.com/us/products/1474397>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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## HS LC-H-D3PL/ R2XC5-5,08 - Fiber optic

1474399

<https://www.phoenixcontact.com/us/products/1474399>

Multiple light guides with glare protection, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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