

## Junction box - E S6 A 100X100X80 - 0899000

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Junction box, material: Stainless steel, 316L/1.4404, surface resistance: brushed, silver, 100 mm x 100 mm x 80 mm, type of locking: Screw-on cover, scope of supply - ATD: Fixing angle with mounting screws, M12 grounding bolts, affixed externally, Installation notes, Fixing angle with mounting screws

### Your advantages

- ✓ Innovative product range of high-quality stainless steel housings as the basis for individual terminal boxes
- ✓ Reduced assembly and approval effort thanks to ready-equipped terminal boxes
- ✓ Flange plates possible on four sides of the housing, including seal protection
- ✓ Housing adjustments using threads, bore holes, and rectangular cutouts with consideration given to normative specifications

RoHS

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 927581
GTIN	4046356927581
Weight per Piece (excluding packing)	914.000 g
Custom tariff number	94032080
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General

Note	Prepared for direct installation of a DIN rail
Scope of supply	Fixing angle with mounting screws
	M12 grounding bolts, affixed externally
	Installation notes
Color	silver

#### Dimensions

Width	100 mm
Height	100 mm

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### Technical data

#### Dimensions

Depth	80 mm
Clearance width, maximum DIN rail length	90 mm
Max. material thickness	1.5 mm

#### General

Housing material	Stainless steel, 316L/1.4404
Surface characteristics	brushed
Note	240 grain
Cover fastening	Screw-on cover
Note	Allen screws
Fixing device	External fixing clips
Seal material	Silicon

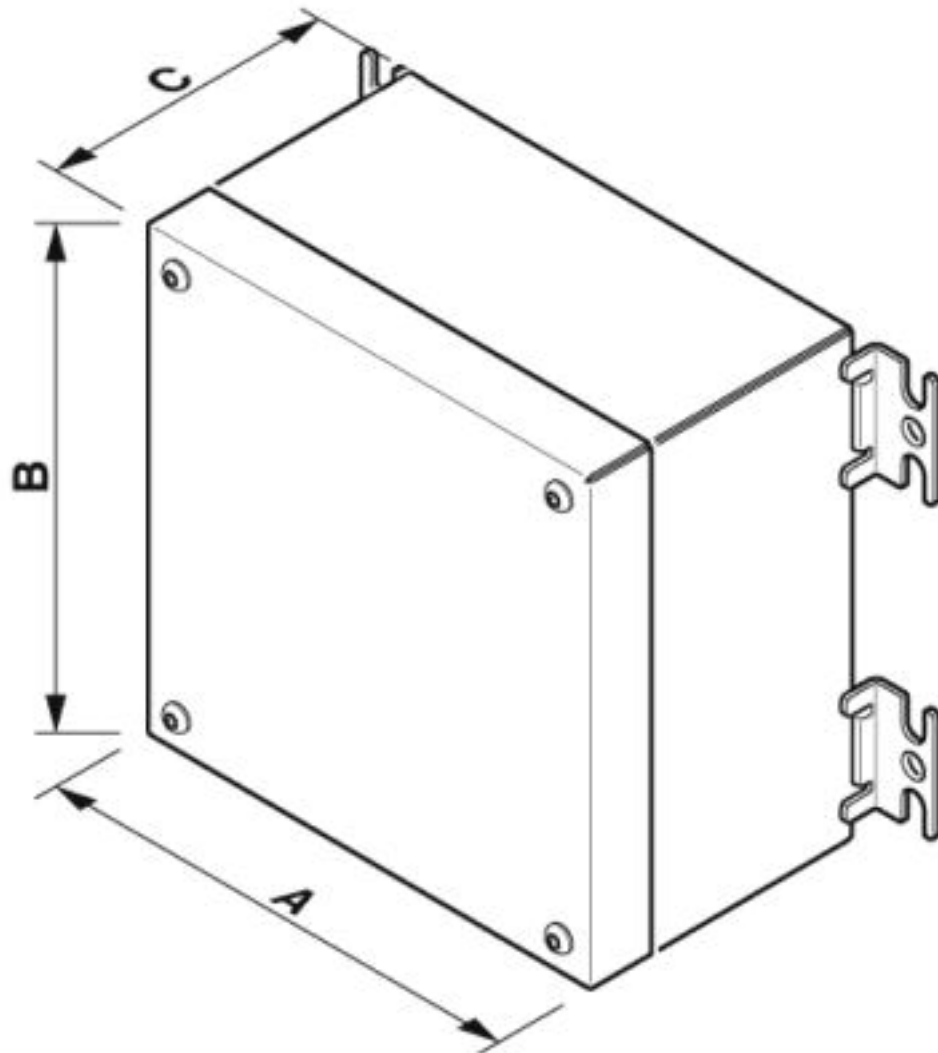
#### Ambient conditions

Degree of protection of housing (IP)	IP66
Protection class	I
Degree of protection (IK)	7.00 J
Temperature in operating conditions	-55 °C ... 135 °C

### Drawings

## Junction box - E S6 A 100X100X80 - 0899000

Schematic diagram



## Classifications

eCl@ss 10.0.1	27180190
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### Classifications

#### eCl@ss

eCl@ss 4.0	27180100
eCl@ss 4.1	27180100
eCl@ss 5.0	27180500
eCl@ss 5.1	27180100
eCl@ss 6.0	27180100
eCl@ss 7.0	27180190
eCl@ss 8.0	27180190
eCl@ss 9.0	27180190

#### ETIM

ETIM 4.0	EC000261
ETIM 5.0	EC000261
ETIM 6.0	EC000261
ETIM 7.0	EC000261

#### UNSPSC

UNSPSC 13.2	31261502
UNSPSC 18.0	31261502
UNSPSC 19.0	31261502
UNSPSC 20.0	31261502
UNSPSC 21.0	31261502

### Approvals

#### Approvals

##### Approvals

UL Listed / cUL Listed / DNV GL / cULus Listed

##### Ex Approvals

IECEX / ATEX / EAC Ex

#### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E471052
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E471052
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### Approvals

DNV GL



<https://approvalfinder.dnvgl.com/>

TAE00001HA

cULus Listed



### Accessories

#### Accessories

#### Screwdriver tools

Screwdriver - SF-BIT-HEX 3-50 - 1212647



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 3 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ ISO 1173

Screwdriver - SF-BIT-HEX 4-50 - 1212648



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 4 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ ISO 1173

#### Torque tool

Torque screwdriver - TSD-M 6NM - 1212226



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 3 - 6 Nm

#### Universal tools

## Junction box - E S6 A 100X100X80 - 0899000

### Accessories

Control cabinet key - USS 4 - 1203149



Control cabinet key, metal, for all common types of control cabinet

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