

## Data Sheet | Item Number: 209-190

Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide; orange

<https://www.wago.com/209-190>



Color: ■ orange

### Physical data

Width	3 mm / 0.118 inches
Height	90 mm / 3.543 inches
Depth from upper-edge of DIN-rail	52 mm / 2.047 inches

### Mechanical data

Mounting type	DIN-35 rail
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.295 MJ
Weight	9.5 g

### Commercial data

Product Group	2 (Terminal Block Accessories)
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4017332241311
Customs tariff number	85389099990



Product Classification	
UNSPSC	39121613
eCl@ss 10.0	27-14-11-33
eCl@ss 9.0	27-14-11-33
ETIM 9.0	EC000886
ETIM 10.0	EC000886
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

## Downloads

### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 209-190	<a href="#">↓</a>

## Documentation

Bid Text			
209-190	19.02.2019	xml 2.52 KB	<a href="#">↓</a>
209-190	04.01.2018	doc 23.50 KB	<a href="#">↓</a>

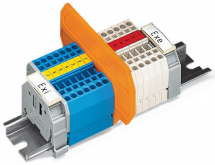
## CAD/CAE-Data

CAD data	
2D/3D Models 209-190	<a href="#">↓</a>

CAE data	
EPLAN Data Portal 209-190	<a href="#">↓</a>
WSCAD Universe 209-190	<a href="#">↓</a>
ZUKEN Portal 209-190	<a href="#">↓</a>

## Installation Notes

## Ex application



### Separator plate for Ex e/Ex i applications

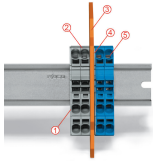
According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common DIN-rail.

For 279 ... 282 Series:

209-190 for 2-conductor terminal blocks

209-191 for 2-, 3-, 4-conductor terminal blocks

## Ex application



A separator plate is located between the Ex e II and Ex i terminal strip.

End plate

Ex e II terminal blocks

Separator plate for Ex e/Ex i applications

End plate

Ex i terminal blocks

According to EN 50020, a minimum distance of 50 mm must be kept between live parts of Ex e and Ex i circuits. The use of Ex e/Ex i separators is a space-saving solution when Ex e and Ex i terminal blocks are mounted on a common DIN-rail.

## Security



### Ex e II/Ex i terminal strip

#### Note:

The movable feet of terminal blocks and separator plates must face the same direction.