

## Data Sheet | Item Number: 890-111

Locking lever; for flying leads; for tool operation; black

<https://www.wago.com/890-111>



Color: ■ black

Locking system WINSTA® MINI

The locking system from the WINSTA® MINI product line guarantees you the greatest flexibility in electrical installation. You can rely on the quality of WINSTA® components from WAGO for your electrical installation accessories too. Due to its particularly small dimensions, our WINSTA® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for connections when very little room is available.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also lower installation expenses without compromising quality and safety: with protection against mismatching eliminates the need for servicing and prevents unnecessary downtime.

- easy tool-free operation, a wide range of coding options
- quick replacement of defective units during ongoing operation

### Connection data

#### Connection 1

Actuation type	Operating tool
----------------	----------------

### Mechanical data

Suitable	for flying leads; tool operated
----------	---------------------------------

### Material data

Note (material data)

[Information on material specifications can be found here](https://www.wago.com/us/material-specifications)

Color	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.014 MJ
Weight	0.4 g

### Environmental requirements

Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

### Commercial data

Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-92
eCl@ss 9.0	27-44-06-92
ETIM 8.0	EC002863
ETIM 7.0	EC002863
PU (SPU)	100 (50) pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454232887
Customs tariff number	85389099990

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

### Approvals / Certificates

#### Approvals for marine applications



Approval	Standard	Certificate Name
LR Lloyds Register	EN 61535	08/20047 (E2)

### Downloads

#### Environmental Product Compliance



##### Compliance Search

Environmental Product  
Compliance 890-111





### Documentation

#### Bid Text

890-111	20.11.2014	doc 21.50 KB	
890-111	19.02.2019	xml 2.62 KB	

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 890-111 	WSCAD Universe 890-111 
	ZUKEN Portal 890-111 