

Вилки и розетки

Технические характеристики

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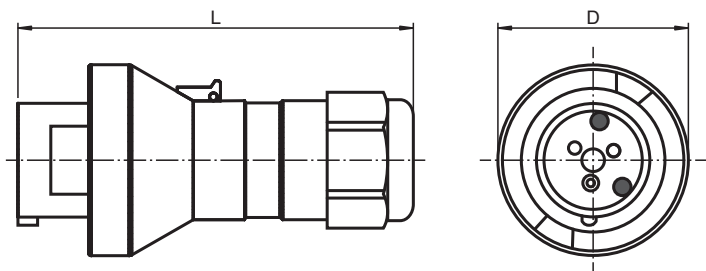
Plug 16A, 4 pole, red

PS16-740600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		16 A max.
Terminal capacity		
Main terminals capacity		2.5 mm²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 16 A
Number of poles		4
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	6.5 ... 20 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.35 kg
Dimensions	
Diameter (D)	77 mm
Total length (L)	187 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	



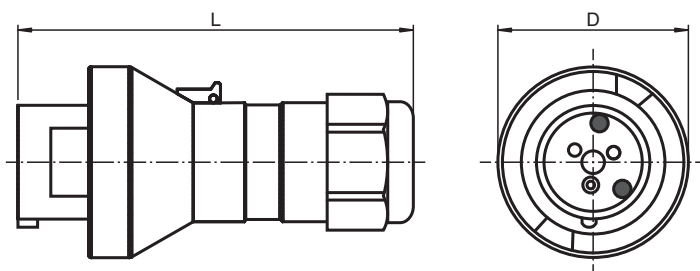
Plug 16A, 3 pole, yellow

PS16-730400

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications

Operating voltage	110 ... 130 V
Operating current	16 A max.
Terminal capacity	
Main terminals capacity	2.5 mm ²
Main terminals torque	0.8 Nm
Supply frequency	50/60 Hz
Function	plug
Usage category	AC3: 130 V AC - 16 A DC1: 50 V - 16 A
Number of poles	3

Technical Data

Color coding according to IEC 60309	yellow
Protective contact position according to IEC 60309	4 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	6.5 ... 18.5 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.35 kg
Dimensions	
Diameter (D)	73 mm
Total length (L)	163 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	⚡ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	



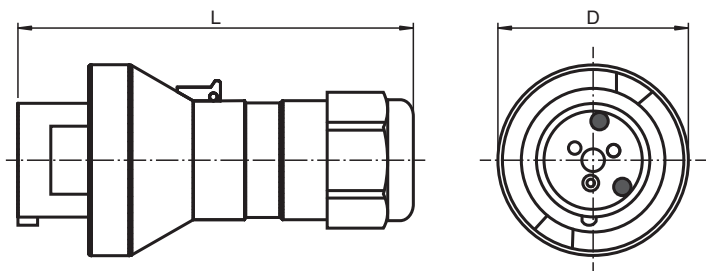
Plug 16A, 3 pole, blue

PS16-730600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		200 ... 250 V
Operating current		16 A max.
Terminal capacity		
Main terminals capacity		2.5 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 250 V AC - 16 A
Number of poles		3
Color coding according to IEC 60309		blue

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	6.5 ... 18.5 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.35 kg
Dimensions	
Diameter (D)	73 mm
Total length (L)	163 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



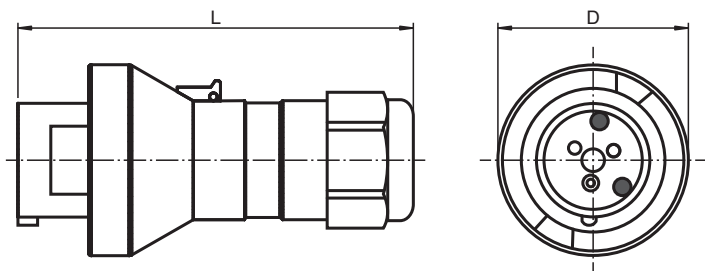
Plug 16A, 5 pole, red

PS16-750600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		16 A max.
Terminal capacity		
Main terminals capacity		2.5 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 16 A
Number of poles		5
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	6.5 ... 20 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.35 kg
Dimensions	
Diameter (D)	84 mm
Total length (L)	187 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



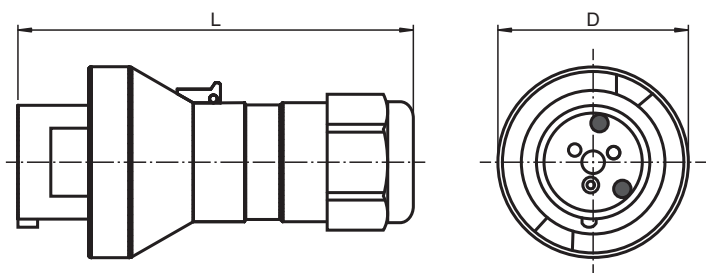
Plug 16A, 4 pole, black

PS16-740700

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		480 ... 500 V
Operating current		16 A max.
Terminal capacity		
Main terminals capacity		2.5 mm²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 500 V AC - 16 A
Number of poles		4
Color coding according to IEC 60309		black

Technical Data

Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	6.5 ... 20 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.35 kg
Dimensions	
Diameter (D)	77 mm
Total length (L)	187 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

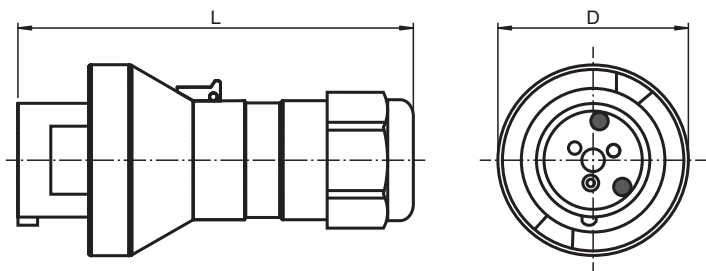


Plug 32A, 4 pole, red
PS32-740600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		32 A max.
Terminal capacity		
Main terminals capacity		6 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 32 A
Number of poles		4
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	10 ... 28 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.7 kg
Dimensions	
Diameter (D)	101 mm
Total length (L)	232 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEX approval	IECEX SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



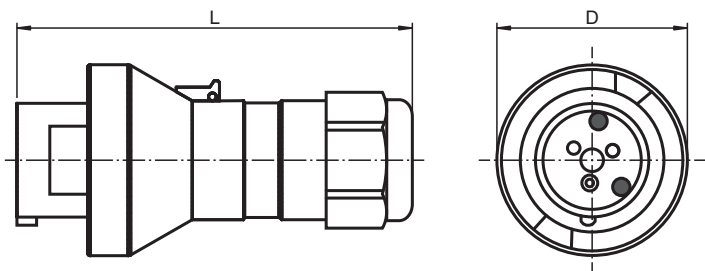
Plug 32A, 5 pole, red

PS32-750600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		32 A max.
Terminal capacity		
Main terminals capacity		6 mm²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 32 A
Number of poles		5
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	10 ... 28 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.7 kg
Dimensions	
Diameter (D)	101 mm
Total length (L)	232 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



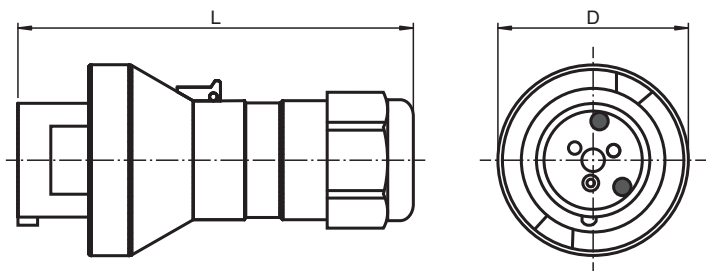
Plug 32A, 4 pole, black

PS32-740700

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		480 ... 500 V
Operating current		32 A max.
Terminal capacity		
Main terminals capacity		6 mm²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 500 V AC - 32 A
Number of poles		4
Color coding according to IEC 60309		black

Technical Data

Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	10 ... 28 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.7 kg
Dimensions	
Diameter (D)	101 mm
Total length (L)	232 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



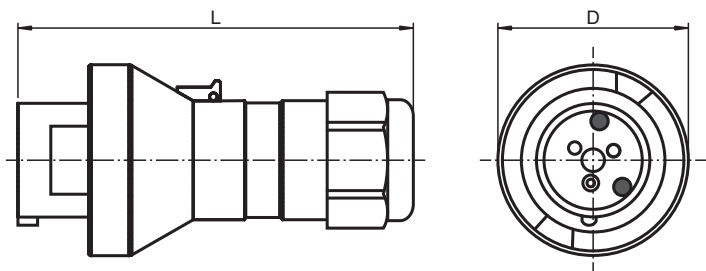
Plug 63A, 4 pole, red

PS63-740600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		63 A max.
Terminal capacity		
Main terminals capacity		16 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 63 A
Number of poles		4
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	15 ... 35 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.81 kg
Dimensions	
Diameter (D)	111 mm
Total length (L)	262 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

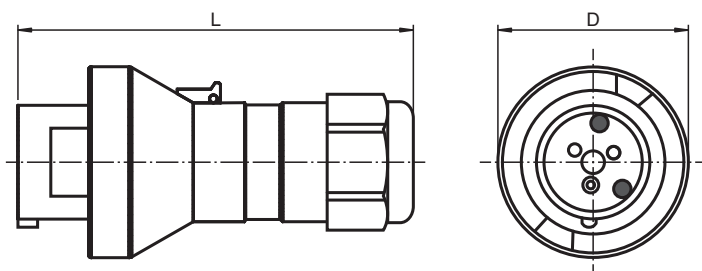


Plug 63A, 5 pole, red PS63-750600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Legend

L	Total length
D	Diameter

Technical Data

Electrical specifications

Operating voltage	380 ... 415 V
Operating current	63 A max.
Terminal capacity	
Main terminals capacity	16 mm ²
Main terminals torque	0.8 Nm
Supply frequency	50/60 Hz
Function	plug
Usage category	AC3: 415 V AC - 63 A
Number of poles	5
Color coding according to IEC 60309	red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	15 ... 35 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.86 kg
Dimensions	
Diameter (D)	111 mm
Total length (L)	262 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



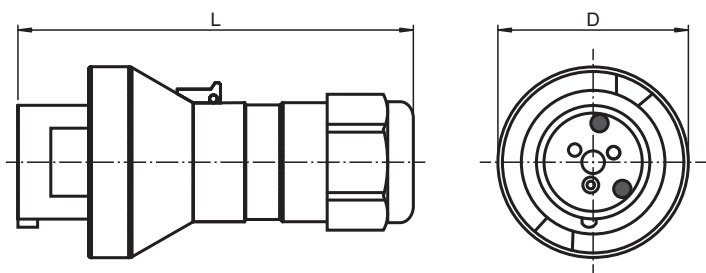
Plug 63A, 4 pole, black

PS63-740700

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		480 ... 500 V
Operating current		63 A max.
Terminal capacity		
Main terminals capacity		16 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 500 V AC - 63 A
Number of poles		4
Color coding according to IEC 60309		black

Technical Data

Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	15 ... 35 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	0.81 kg
Dimensions	
Diameter (D)	111 mm
Total length (L)	262 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



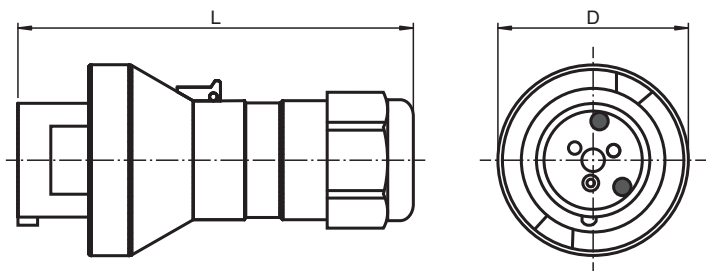
Plug 125A, 4 pole, red

PS125-740600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		125 A max.
Terminal capacity		
Main terminals capacity		50 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 125 A
Number of poles		4
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	20 ... 57 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	1.25 kg
Dimensions	
Diameter (D)	121 mm
Total length (L)	298 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEX approval	IECEX SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

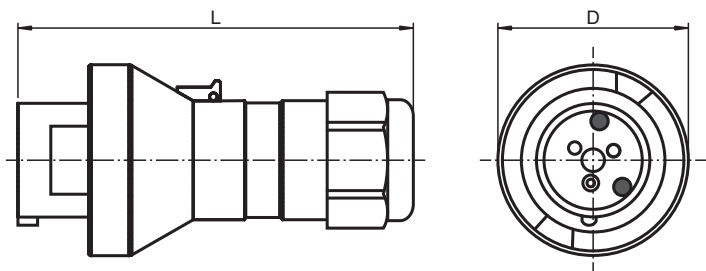


Plug 125A, 5 pole, red
PS125-750600

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		380 ... 415 V
Operating current		125 A max.
Terminal capacity		
Main terminals capacity		50 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 415 V AC - 125 A
Number of poles		5
Color coding according to IEC 60309		red

Technical Data

Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	20 ... 57 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	1.3 kg
Dimensions	
Diameter (D)	121 mm
Total length (L)	298 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



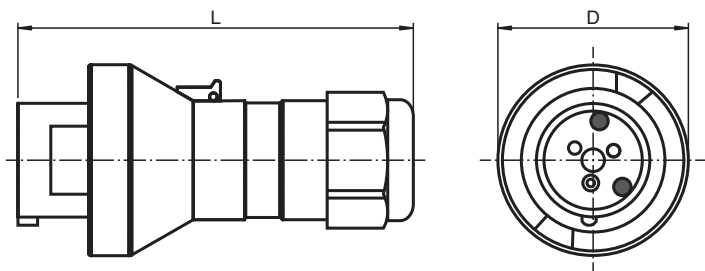
Plug 125A, 4 pole, black

PS125-740700

- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
L	Total length
D	Diameter

Technical Data

Electrical specifications		
Operating voltage		480 ... 500 V
Operating current		125 A max.
Terminal capacity		
Main terminals capacity		50 mm ²
Main terminals torque		0.8 Nm
Supply frequency		50/60 Hz
Function		plug
Usage category		AC3: 500 V AC - 125 A
Number of poles		4
Color coding according to IEC 60309		black

Technical Data

Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Clamping range (D)	20 ... 57 mm
Degree of protection	IP66
Material	
Housing	Polyamide (PA)
Finish	inherent color black
Mass	1.25 kg
Dimensions	
Diameter (D)	121 mm
Total length (L)	298 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Plugs Ex de

PS*-7*



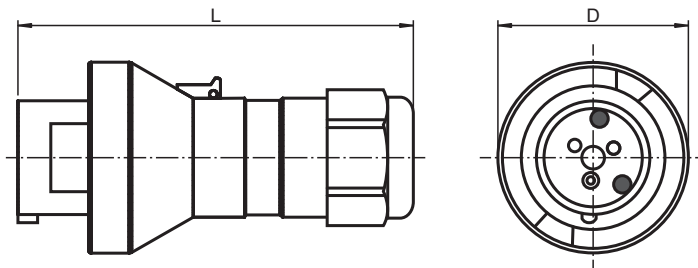
- Ex de and Ex t certified
- Polyamide
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured when plugged into socket and secured by means of bayonet catch
- Low insertion force



Function

The PS series plugs are available from 16 to 125 Amps and from 110 to 500 Volts. High impact resistance provides safety when the plug is not installed in to the socket and susceptible to damage. The large termination area makes commissioning and maintenance fast and efficient. A rating of IP66 will ensure that the internals are protected from water and dust.

Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Specifications Plugs PS*-7

Type	Operating voltage [V]	Operating current max. [A]	A	B	Number of poles	C	D	Diameter [mm] D	Length [mm] L	Clamping range [mm]	Mass [kg]
PS16-730400	110 ... 130	16	2.5	0.8	3	yellow	4 h	73	163	6.5 ... 18.5	0.35
PS16-730600	200 ... 250	16	2.5	0.8	3	blue	6 h	73	163	6.5 ... 18.5	0.35
PS16-740600	380 ... 415	16	2.5	0.8	4	red	6 h	77	187	6.5 ... 20	0.35
PS16-740700	480 ... 500	16	2.5	0.8	4	black	7 h	77	187	6.5 ... 20	0.35
PS16-750600	380 ... 415	16	2.5	0.8	5	red	6 h	84	187	6.5 ... 20	0.35
PS32-740600	380 ... 415	32	6	0.8	4	red	6 h	101	232	10 ... 28	0.7
PS32-740700	480 ... 500	32	6	0.8	4	black	7 h	101	232	10 ... 28	0.7
PS32-750600	380 ... 415	32	6	0.8	5	red	6 h	101	232	10 ... 28	0.7
PS63-740600	380 ... 415	63	16	0.8	4	red	6 h	111	262	15 ... 35	0.81
PS63-740700	480 ... 500	63	16	0.8	4	black	7 h	111	262	15 ... 35	0.81
PS63-750600	380 ... 415	63	16	0.8	5	red	6 h	111	262	15 ... 35	0.86
PS125-740600	380 ... 415	125	50	0.8	4	red	6 h	121	298	20 ... 57	1.25
PS125-740700	480 ... 500	125	50	0.8	4	black	7 h	121	298	20 ... 57	1.25

Type	Operating voltage [V]	Operating current max. [A]	A	B	Number of poles	C	D	Diameter [mm] D	Length [mm] L	Clamping range [mm]	Mass [kg]
PS125-750600	380 ... 415	125	50	0.8	5	red	6 h	121	298	20 ... 57	1.3

A = Main terminals capacity [mm²]

B = Main terminals torque [Nm]

C = Color coding according to IEC 60309

D = Protective contact position according to IEC 60309

Technical Data

Electrical specifications

Operating voltage see table

Operating current see table

Terminal capacity see table

Supply frequency 50/60 Hz

Function plug

Number of poles see table

Color coding according to IEC 60309 see table

Protective contact position according to IEC 60309 see table

Mechanical specifications

Cable type non-armored cables

Clamping range (D) see table

Degree of protection IP66

Material

Housing Polyamide (PA)

Finish inherent color black

Mass see table

Dimensions see table

Ambient conditions

Ambient temperature -40 ... 55 °C (-40 ... 131 °F)

Data for application in connection with hazardous areas

EU-type examination certificate SIRA 11 ATEX 1044

Marking

Ⓔ II 2 GD
Ex de IIC T6 Gb
Ex t IIIC T80 °C Db

International approvals

IECEx approval IECEx SIR 11.0026

Conformity

Degree of protection EN 60529

CE marking 0102

Plug connection IEC 60309

General information

Supplementary information EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Type Code

1	2	3	4	5	6
PS	***	-	*	**	**
PS	125	-	4	06	00

Example: PS125-450600

Socket Ex de max. 125 A, 380 ... 415 V, 5-pole red, protective contact position 6 h

1	2	3	4	5	6
PS	**	-	*	**	**
PS	16	-	7	04	00

Example: PS16-730400

Plug Ex de max. 16 A, 110 ... 113 V, 3-pole yellow, protective contact position 4 h

Type Code

1	Device type
PS	PS Plugs and Sockets Ex de
2	Operating current
**	max. A, see data table
3	Variant
4	socket
7	plug
4	Number of poles
3 ... 5	see data table
5	Pin configuration
**	pins and protective contact positioning, see data table
6	Auxiliary contacts
00	none

Socket 16A, 3 pole, yellow

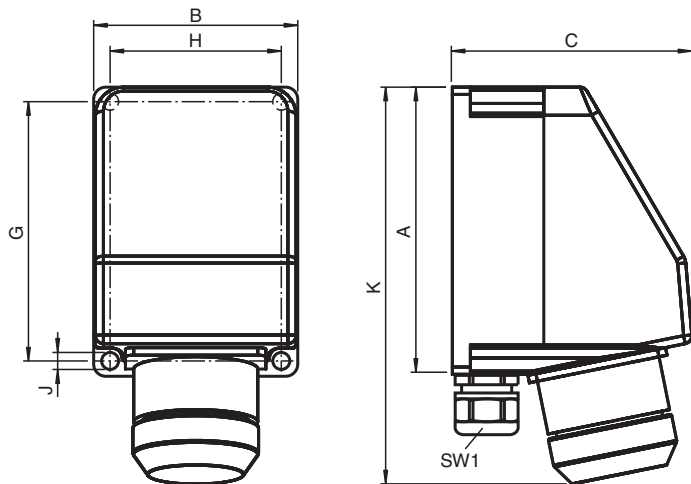
PS16-430400



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	100 ... 130 V
Operating current	16 A max.
Terminal capacity	

Technical Data

Main terminals capacity	2.5 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 130 V AC - 16 A DC1: 50 V - 16 A
Number of poles	3
Color coding according to IEC 60309	yellow
Protective contact position according to IEC 60309	4 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M25 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M25 clamping range	8 ... 17 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.2 kg
Dimensions	
External dimension (A)	156 mm
External dimension (B)	103 mm
External dimension (C)	122 mm
Mounting holes distance (G)	142 mm
Mounting holes distance (H)	86 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	223 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



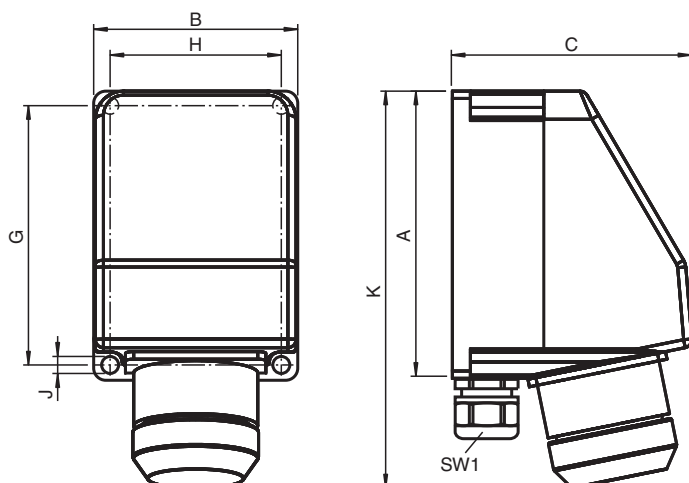
Socket 16A, 3 pole, blue

PS16-430600

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications

Operating voltage	200 ... 250 V
Operating current	16 A max.
Terminal capacity	

Technical Data

Main terminals capacity	2.5 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 250 V AC - 16 A
Number of poles	3
Color coding according to IEC 60309	blue
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M25 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M25 clamping range	8 ... 17 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.2 kg
Dimensions	
External dimension (A)	156 mm
External dimension (B)	103 mm
External dimension (C)	122 mm
Mounting holes distance (G)	142 mm
Mounting holes distance (H)	86 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	223 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 16A, 4 pole, red

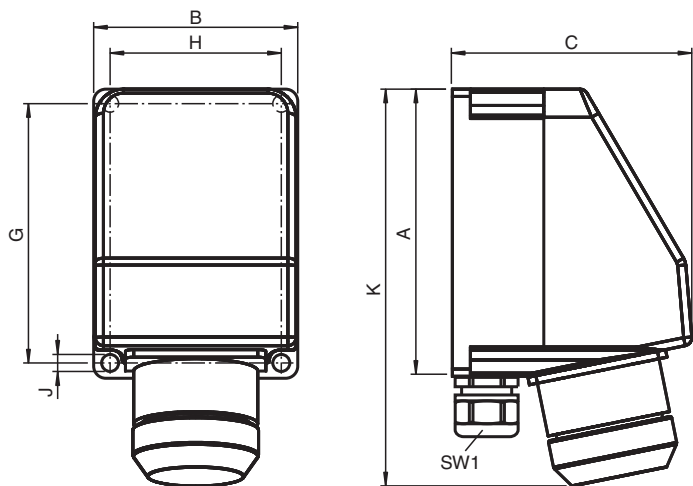
PS16-440600



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	16 A max.
Terminal capacity	

Technical Data

Main terminals capacity	2.5 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 16 A
Number of poles	4
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M25 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M25 clamping range	8 ... 17 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.2 kg
Dimensions	
External dimension (A)	176 mm
External dimension (B)	123 mm
External dimension (C)	147 mm
Mounting holes distance (G)	163 mm
Mounting holes distance (H)	106 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	241 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 16A, 5 pole, red

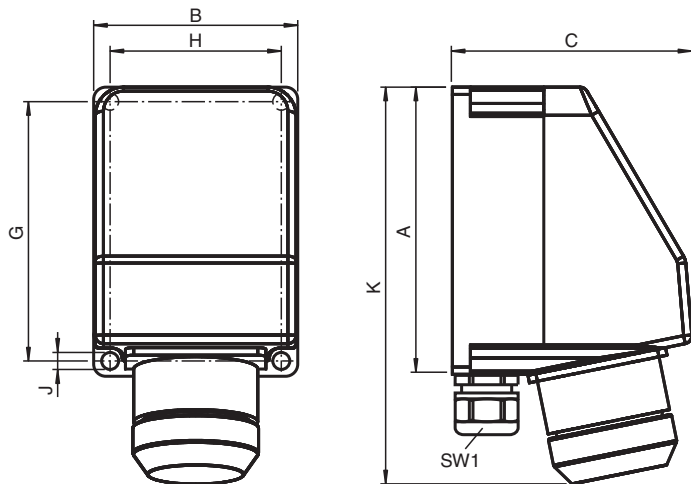
PS16-450600



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	16 A max.
Terminal capacity	

Technical Data

Main terminals capacity	2.5 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 16 A
Number of poles	5
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M25 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M25 clamping range	8 ... 17 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.2 kg
Dimensions	
External dimension (A)	176 mm
External dimension (B)	123 mm
External dimension (C)	147 mm
Mounting holes distance (G)	163 mm
Mounting holes distance (H)	106 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	241 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



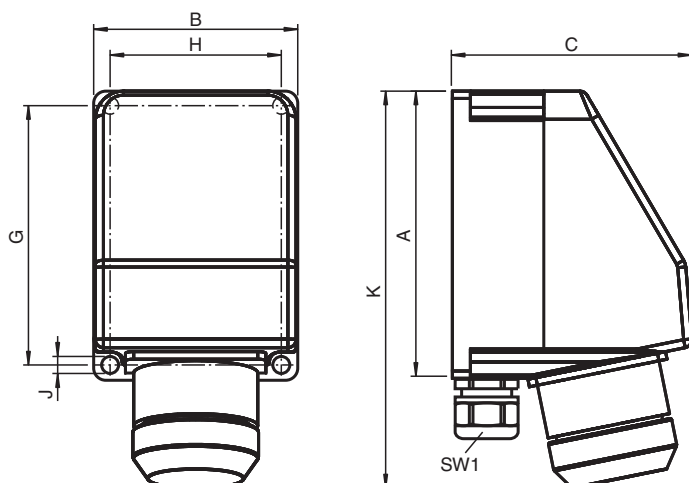
Socket 16A, 4 pole, black

PS16-440700

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications

Operating voltage	480 ... 500 V
Operating current	16 A max.
Terminal capacity	

Technical Data

Main terminals capacity	2.5 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 500 V AC - 16 A
Number of poles	4
Color coding according to IEC 60309	black
Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M25 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M25 clamping range	8 ... 17 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.2 kg
Dimensions	
External dimension (A)	176 mm
External dimension (B)	123 mm
External dimension (C)	147 mm
Mounting holes distance (G)	163 mm
Mounting holes distance (H)	106 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	241 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 32A, 4 pole, red

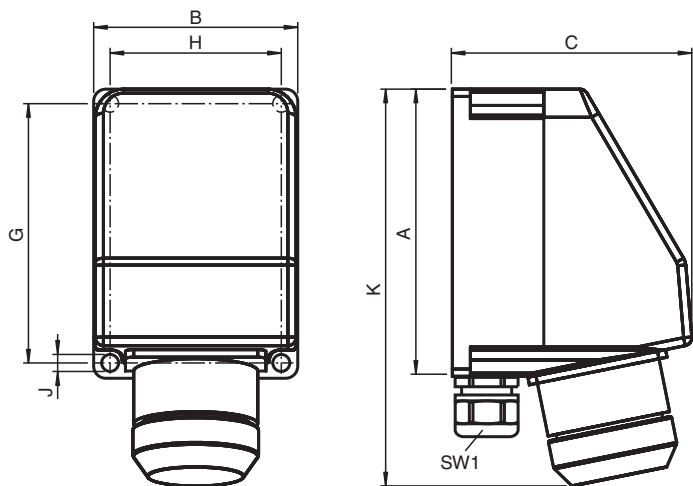
PS32-440600



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	32 A max.
Terminal capacity	

Technical Data

Main terminals capacity	6 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 32 A
Number of poles	4
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M32 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M32 clamping range	12 ... 21 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.8 kg
Dimensions	
External dimension (A)	211 mm
External dimension (B)	133 mm
External dimension (C)	162 mm
Mounting holes distance (G)	198 mm
Mounting holes distance (H)	118 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	294 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 32A, 5 pole, red

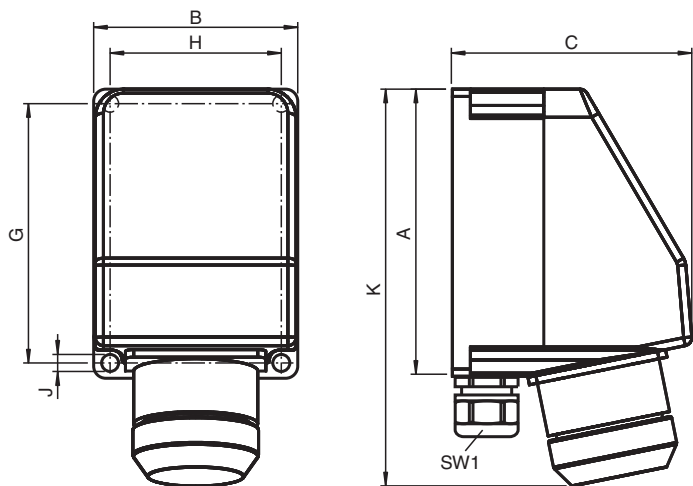
PS32-450600



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	32 A max.
Terminal capacity	

Technical Data

Main terminals capacity	6 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 32 A
Number of poles	5
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M32 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M32 clamping range	12 ... 21 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.8 kg
Dimensions	
External dimension (A)	211 mm
External dimension (B)	133 mm
External dimension (C)	162 mm
Mounting holes distance (G)	198 mm
Mounting holes distance (H)	118 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	294 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 32A, 4 pole, black

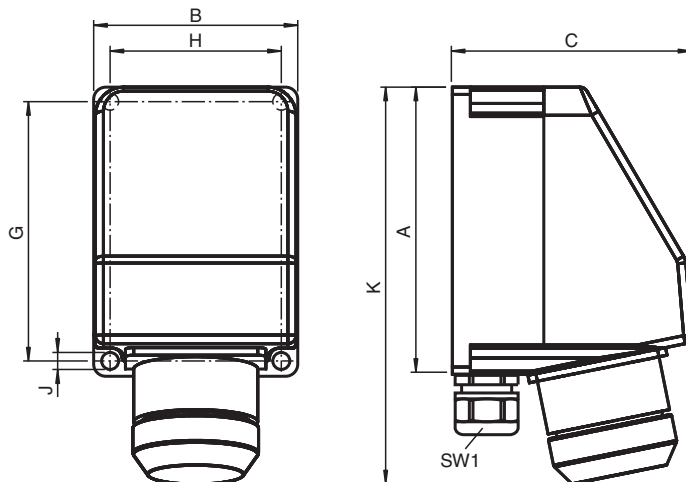
PS32-440700



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications

Operating voltage	480 ... 500 V
Operating current	32 A max.
Terminal capacity	

Technical Data

Main terminals capacity	6 mm ²
Main terminals torque	2.5 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 500 V AC - 32 A
Number of poles	4
Color coding according to IEC 60309	black
Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M4
Number	4
Tightening torque	2.5 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M32 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M32 clamping range	12 ... 21 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	1.8 kg
Dimensions	
External dimension (A)	211 mm
External dimension (B)	133 mm
External dimension (C)	162 mm
Mounting holes distance (G)	198 mm
Mounting holes distance (H)	118 mm
Mounting holes diameter (J)	6 mm
Maximum external dimension (K)	294 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 63A, 4 pole, red

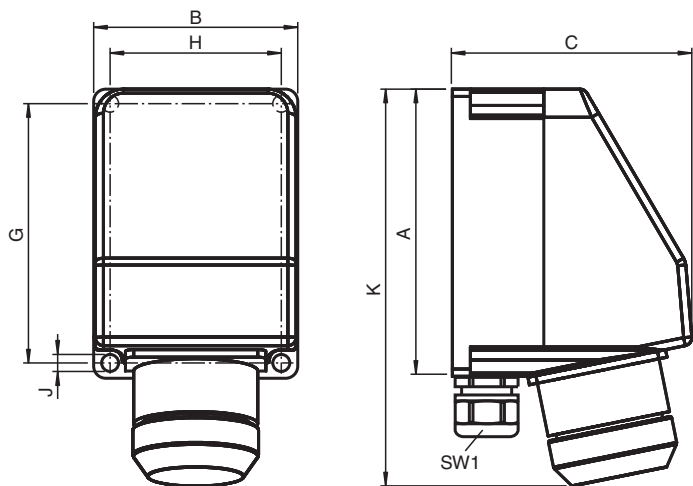
PS63-440600



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	63 A max.
Terminal capacity	

Technical Data

Main terminals capacity	16 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 63 A
Number of poles	4
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M50 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M50 clamping range	22 ... 35 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	8.25 kg
Dimensions	
External dimension (A)	371 mm
External dimension (B)	201 mm
External dimension (C)	248 mm
Mounting holes distance (G)	352 mm
Mounting holes distance (H)	181 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	472 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

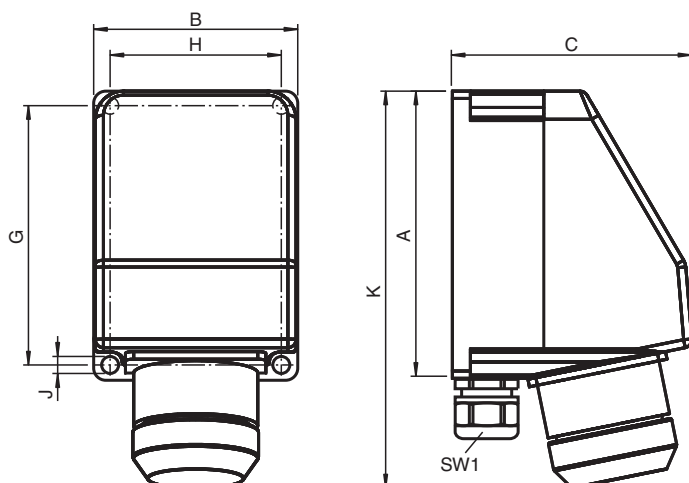


Socket 63A, 5 pole, red PS63-450600

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications

Operating voltage	380 ... 415 V
Operating current	63 A max.
Terminal capacity	

Technical Data

Main terminals capacity	16 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 63 A
Number of poles	5
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M50 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M50 clamping range	22 ... 35 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	8.83 kg
Dimensions	
External dimension (A)	371 mm
External dimension (B)	201 mm
External dimension (C)	248 mm
Mounting holes distance (G)	352 mm
Mounting holes distance (H)	181 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	472 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Socket 63A, 4 pole, black

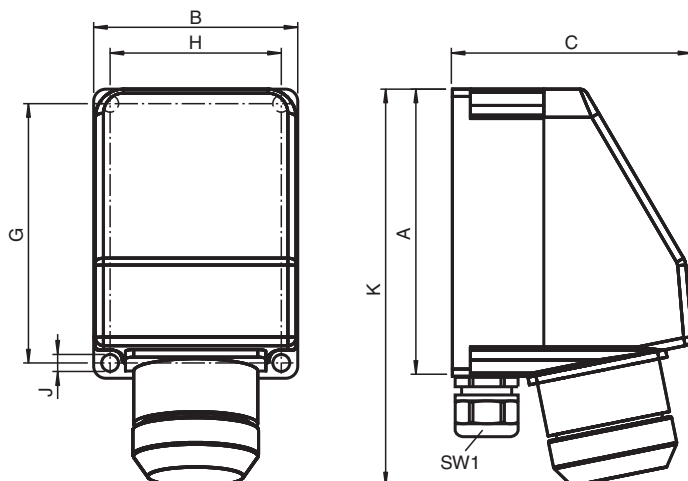
PS63-440700



- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications

Operating voltage	480 ... 500 V
Operating current	63 A max.
Terminal capacity	

Technical Data

Main terminals capacity	16 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 500 V AC - 63 A
Number of poles	4
Color coding according to IEC 60309	black
Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M50 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M50 clamping range	22 ... 35 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	8.25 kg
Dimensions	
External dimension (A)	371 mm
External dimension (B)	201 mm
External dimension (C)	248 mm
Mounting holes distance (G)	352 mm
Mounting holes distance (H)	181 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	472 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



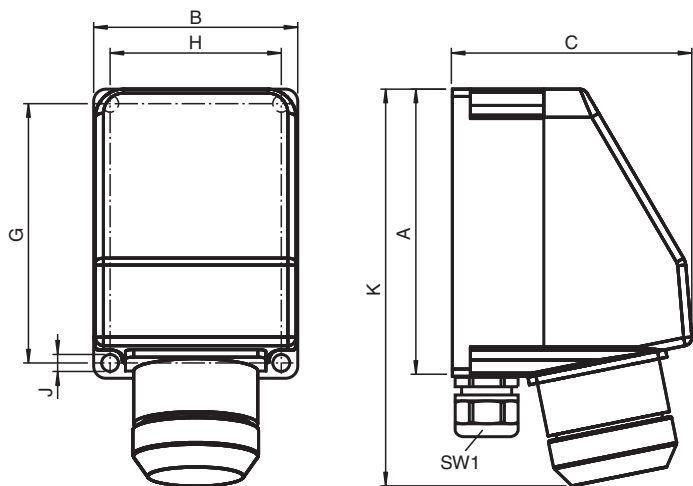
Socket 125A, 4 pole, red

PS125-440600

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	125 A max.
Terminal capacity	

Technical Data

Main terminals capacity	50 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 125 A
Number of poles	4
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M63 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M63 clamping range	27 ... 48 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	13 kg
Dimensions	
External dimension (A)	431 mm
External dimension (B)	249 mm
External dimension (C)	274 mm
Mounting holes distance (G)	411 mm
Mounting holes distance (H)	228 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	538 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



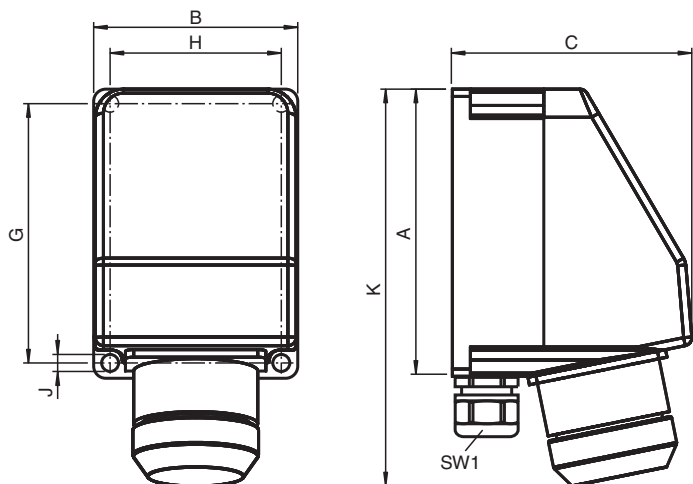
Socket 125A, 5 pole, red

PS125-450600

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	380 ... 415 V
Operating current	125 A max.
Terminal capacity	

Technical Data

Main terminals capacity	50 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 415 V AC - 125 A
Number of poles	5
Color coding according to IEC 60309	red
Protective contact position according to IEC 60309	6 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M63 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M63 clamping range	27 ... 48 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	14 kg
Dimensions	
External dimension (A)	431 mm
External dimension (B)	249 mm
External dimension (C)	274 mm
Mounting holes distance (G)	411 mm
Mounting holes distance (H)	228 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	538 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.



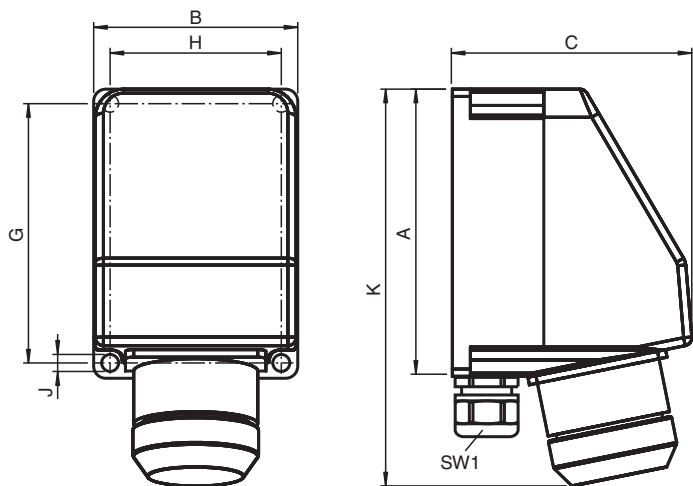
Socket 125A, 4 pole, black

PS125-440700

- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Legend	
A	External dimension
B	External dimension
C	External dimension, depth
G	Mounting holes distance
H	Mounting holes distance
J	Mounting holes diameter
K	Maximum external dimension
SW1	Cable entry

Technical Data

Electrical specifications	
Operating voltage	480 ... 500 V
Operating current	125 A max.
Terminal capacity	

Technical Data

Main terminals capacity	50 mm ²
Main terminals torque	3 Nm
Supply frequency	50/60 Hz
Function	socket
Usage category	AC3: 500 V AC - 125 A
Number of poles	4
Color coding according to IEC 60309	black
Protective contact position according to IEC 60309	7 h
Mechanical specifications	
Cable type	non-armored cables
Cover fixing	
Screws	M6
Number	4
Tightening torque	3 Nm
Degree of protection	IP66
Cable entry	
Number of cable entries	2x M63 1x Cable gland , 1x Stopping Plug
Cable entry face B	
M63 clamping range	27 ... 48 mm
Material	
Housing	carbon loaded, antistatic glass-fiber reinforced polyester (GRP)
Finish	inherent color black
Mass	13 kg
Dimensions	
External dimension (A)	431 mm
External dimension (B)	249 mm
External dimension (C)	274 mm
Mounting holes distance (G)	411 mm
Mounting holes distance (H)	228 mm
Mounting holes diameter (J)	9 mm
Maximum external dimension (K)	538 mm
Ambient conditions	
Ambient temperature	-40 ... 55 °C (-40 ... 131 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	SIRA 11 ATEX 1044
Marking	Ⓔ II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals	
IECEx approval	IECEx SIR 11.0026
Conformity	
Degree of protection	EN 60529
Usage category	IEC / EN 60947
CE marking	0102
Plug connection	IEC 60309
General information	
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Sockets Ex de

PS*-4*



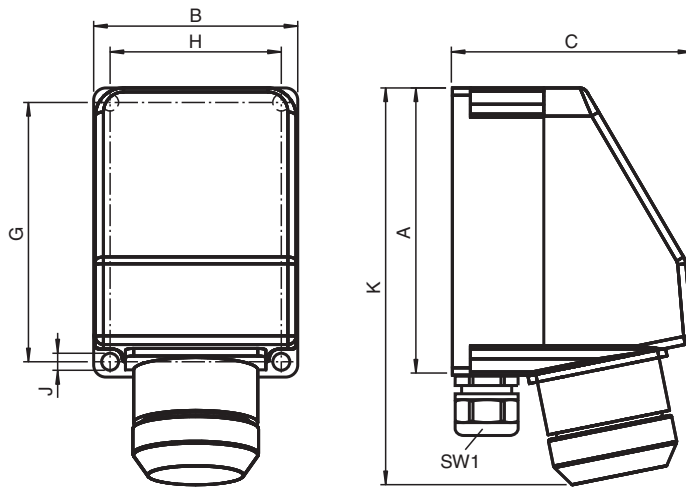
- Ex de and Ex t certified
- Glass-fiber reinforced polyester (GRP) enclosure
- Full equipment certified
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Degree of protection IP66
- Degree of protection ensured by means of bayonet catch
- Low insertion force
- Self-cleaning lamellar contacts



Function

The PS series wall sockets are available from 16 to 125 Amps and from 110 to 500 Volts with AC-3 and DC-1 switching capacity. Self-cleaning lamellar contacts provide an excellent connection as well as a speedy insertion and removal of the associated plug. The large termination area makes commissioning and maintenance fast and efficient. A rating of IP66 will ensure that the internals are protected from water and dust with or without the socket being installed.

Dimensions



Dimension values see data table.
Image and drawing are generic for this device type and may deviate from the specific variant.

Specifications Sockets PS*-4*

Type	Operating voltage [V]	Operating current max. [A]	A	B	Usage category	Number of poles	Color coding according to IEC 60309	C	D	Clamping range [mm]
PS16-430400	100 ... 130	16	2.5	2.5	AC3: 130 AC - 16 A DC1: 50 - 16 A	3	yellow	4 h	2x M25	8 ... 17
PS16-430600	200 ... 250	16	2.5	2.5	AC3: 250 AC - 16 A	3	blue	6 h	2x M25	8 ... 17
PS16-440600	380 ... 415	16	2.5	2.5	AC3: 415 AC - 16 A	4	red	6 h	2x M25	8 ... 17
PS16-440700	480 ... 500	16	2.5	2.5	AC3: 500 AC - 16 A	4	black	7 h	2x M25	8 ... 17
PS16-450600	380 ... 415	16	2.5	2.5	AC3: 415 AC - 16 A	5	red	6 h	2x M25	8 ... 17
PS32-440600	380 ... 415	32	6	2.5	AC3: 415 AC - 32 A	4	red	6 h	2x M32	12 ... 21
PS32-440700	480 ... 500	32	6	2.5	AC3: 500 AC - 32 A	4	black	7 h	2x M32	12 ... 21
PS32-450600	380 ... 415	32	6	2.5	AC3: 415 AC - 32 A	5	red	6 h	2x M32	12 ... 21
PS63-440600	380 ... 415	63	16	3	AC3: 415 AC - 63 A	4	red	6 h	2x M50	22 ... 35
PS63-440700	480 ... 500	63	16	3	AC3: 500 AC - 63 A	4	black	7 h	2x M50	22 ... 35

Type	Operating voltage [V]	Operating current max. [A]	A	B	Usage category	Number of poles	Color coding according to IEC 60309	C	D	Clamping range [mm]
PS63-450600	380 ... 415	63	16	3	AC3: 415 AC - 63 A	5	red	6 h	2x M50	22 ... 35
PS125-440600	380 ... 415	125	50	3	AC3: 415 AC - 125 A	4	red	6 h	2x M63	27 ... 48
PS125-440700	480 ... 500	125	50	3	AC3: 500 AC - 125 A	4	black	7 h	2x M63	27 ... 48
PS125-450600	380 ... 415	125	50	3	AC3: 415 AC - 125 A	5	red	6 h	2x M63	27 ... 48

A = Main terminals capacity [mm²]

B = Main terminals torque [Nm]

C = Protective contact position according to IEC 60309

D = Number of cable entries

Dimensions Sockets PS*-4*

Type	External dimensions [mm]				Mounting [mm]			Mass [kg]	Cover screws		
	A	B	C	K	G	H	J		Mx	qty.	Torque [Nm]
PS16-430400	156	103	122	223	142	86	6	1.2	M4	4	2.5
PS16-430600	156	103	122	223	142	86	6	1.2	M4	4	2.5
PS16-440600	176	123	147	241	163	106	6	1.2	M4	4	2.5
PS16-440700	176	123	147	241	163	106	6	1.2	M4	4	2.5
PS16-450600	176	123	147	241	163	106	6	1.2	M4	4	2.5
PS32-440600	211	133	162	294	198	118	6	1.8	M4	4	2.5
PS32-440700	211	133	162	294	198	118	6	1.8	M4	4	2.5
PS32-450600	211	133	162	294	198	118	6	1.8	M4	4	2.5
PS63-440600	371	201	248	472	352	181	9	8.25	M6	4	3
PS63-440700	371	201	248	472	352	181	9	8.25	M6	4	3
PS63-450600	371	201	248	472	352	181	9	8.83	M6	4	3
PS125-440600	431	249	274	538	411	228	9	13	M6	4	3
PS125-440700	431	249	274	538	411	228	9	13	M6	4	3
PS125-450600	431	249	274	538	411	228	9	14	M6	4	3

Technical Data**Electrical specifications**

Operating voltage see table

Operating current see table

Terminal capacity see table

Supply frequency 50/60 Hz

Function socket

Usage category see table

Number of poles see table

Color coding according to IEC 60309 see table

Protective contact position according to IEC 60309 see table

Mechanical specifications

Cable type non-armored cables

Cover fixing see table

Degree of protection IP66

Cable entry

Number of cable entries see table
1x Cable gland , 1x Stopping Plug

Material

Housing carbon loaded, antistatic glass-fiber reinforced polyester (GRP)

Finish inherent color black

Mass see table

Dimensions see table

Ambient conditions

Ambient temperature -40 ... 55 °C (-40 ... 131 °F)

Data for application in connection with hazardous areas

EU-type examination certificate SIRA 11 ATEX 1044

Technical Data

Marking		 II 2 GD Ex de IIC T6 Gb Ex t IIIC T80 °C Db
International approvals		
IECEx approval		IECEx SIR 11.0026
Conformity		
Degree of protection		EN 60529
Usage category		IEC / EN 60947
CE marking		0102
Plug connection		IEC 60309
General information		
Supplementary information		EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable.

Type Code

1	2		3	4	5	6
PS	***	-	*	*	**	**
PS	125	-	4	5	06	00

Example: PS125-450600
Socket Ex de max. 125 A, 380 ... 415 V, 5-pole red, protective contact position 6 h

1	2		3	4	5	6
PS	**	-	*	*	**	**
PS	16	-	7	3	04	00

Example: PS16-730400
Plug Ex de max. 16 A, 110 ... 113 V, 3-pole yellow, protective contact position 4 h

1	Device type
PS	PS Plugs and Sockets Ex de
2	Operating current
**	max. A, see data table
3	Variant
4	socket
7	plug
4	Number of poles
3 ... 5	see data table
5	Pin configuration
**	pins and protective contact positioning, see data table
6	Auxiliary contacts
00	none

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