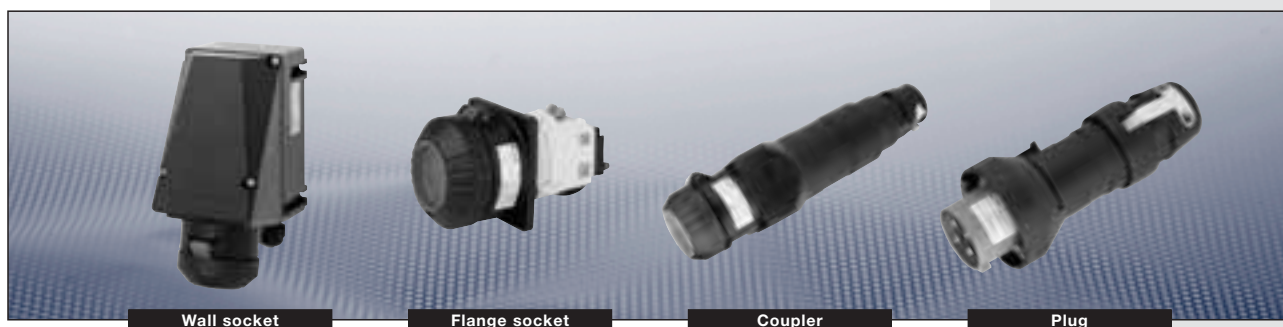




5.12

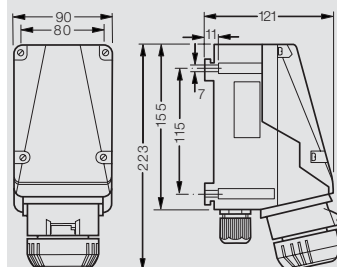
EX - PLUGS AND SOCKETS

| 16A 3-pole up to 415 V |

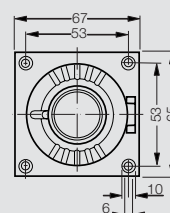
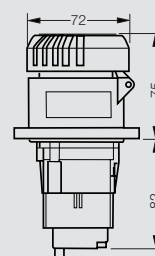
Technical data

Ex-plugs and sockets accd. to IEC 60309-1/2

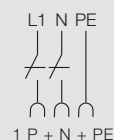
Marking to 94/9/EC	Ⓔ II 2 G Ⓔ II 2 D T60 °C
Type of protection	EEx ed IIC T6
EC-Type Examination Certificate	Wall socket, plug and coupler: PTB 99 ATEX 1039 Flange socket: PTB 99 ATEX 1040 U
Degree of protection to EN 60529	IP 66
Enclosure material	Wall socket: Glass-fibre reinforced polyester Plug, coupler and flange socket: polyamide
Rated voltage	up to 415 V~
Rated current	up to 16 A
Frequency	50/60 Hz
Switching capacity AC-3	16 A
Back-up fuse, max.	without therm. protection: 16 A with therm. protection: 35 A gL (rated current 16 A set to)
Cable entries	Wall socket: 1 x M25 Ø 8 - 17 mm, 1 x M25 Ex-screw plug plastic or 2 x metal thread M20 mit Ex-screw plug plastic Plug and coupler: Ø 8 - 19 mm
Connecting terminals	Wall socket/coupler: 2 x 1 - 4 mm ² Plug: 1 x 1.0 - 2.5 mm ²



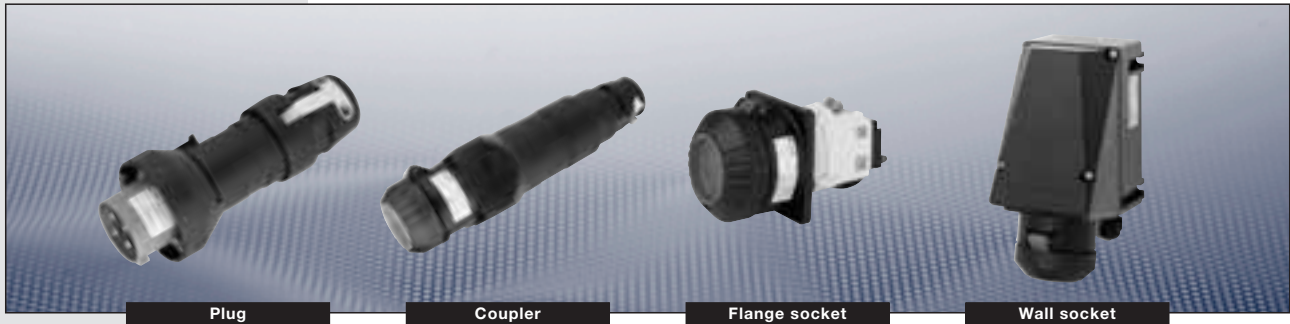
Wall socket



Flange socket



Dimensions in mm



EX - P L U G S A N D S O C K E T S

5.13

| 16A 3-pole up to 415 V |

Ordering details type 16 A 3-pole

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
110-130 V		Wall socket		M25 KU	1.2 kg	GHG 511 4304 R0001
		Wall socket		M20 GE	1.2 kg	GHG 511 4304 R0002
		Wall socket		M20 ME	1.3 kg	GHG 511 4304 R3001
		Wall socket		M20 GM	1.3 kg	GHG 511 4304 R3003
		Flange socket			0.4 kg	GHG 511 8304 R0001
		Coupler			0.7 kg	GHG 511 3304 R0001
		Plug			0.35 kg	GHG 511 7304 R0001
200-250 V		Wall socket		M25 KU	1.2 kg	GHG 511 4306 R0001
		Wall socket		M20 GE	1.2 kg	GHG 511 4306 R0002
		Wall socket		M20 ME	1.3 kg	GHG 511 4306 R3001
		Wall socket		M20 GM	1.3 kg	GHG 511 4306 R3003
		Flange socket			0.4 kg	GHG 511 8306 R0001
		Coupler			0.7 kg	GHG 511 3306 R0001
		Plug			0.35 kg	GHG 511 7306 R0001

Other voltage ranges and versions available on request.

KU = 1 x plastic cable glands M25 for Ø 8-17 mm, 1 x M25 Ex-screw plug plastic

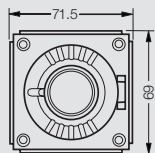
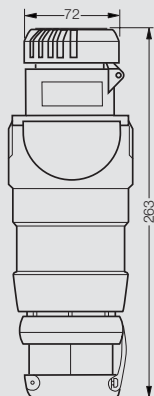
KH = 2 x plastic cable glands M25 for Ø 8-17 mm

ME = 2 x metal thread M20 with Ex-screw plug plastic

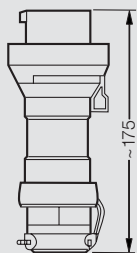
GE = 2 x plastic thread M20 without gland/screw plug

GM = 2 x metal thread M20 without gland/screw plug, with ext. PE

Fixing material and accessories see page 5.62 pp.



Coupler



Plug

Dimensions in mm

1

2

3

4

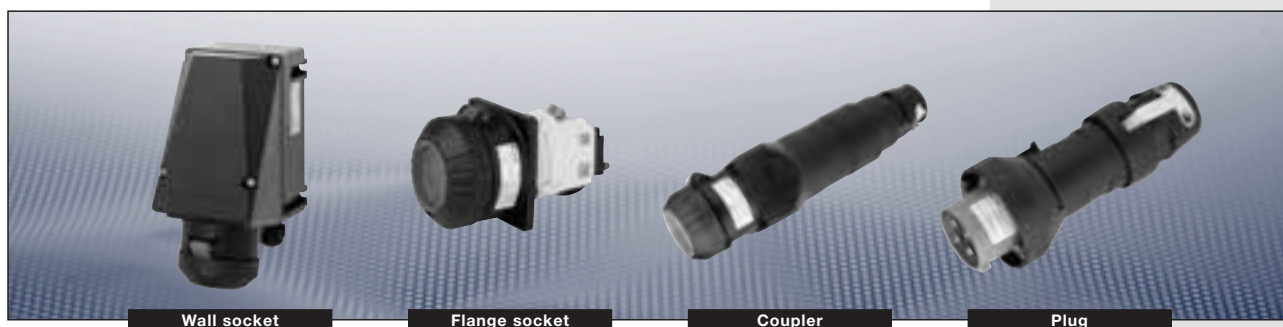
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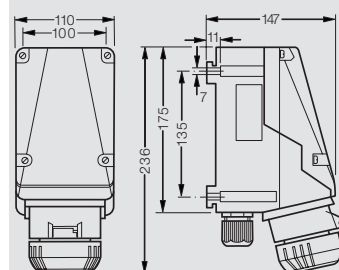
EX - PLUGS AND SOCKETS

16 A 4-pole up to 690 V

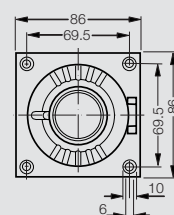
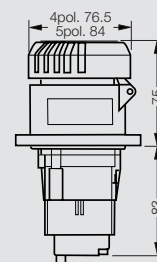
Technical data

Ex-plugs and sockets accd. to IEC 60309-1/2

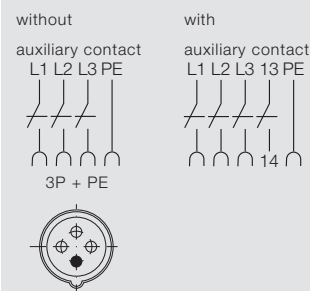
Marking to 94/9/EC	Ex II 2 G Ex II 2 D T60 °C
Type of protection	EEx ed IIC T6
EC-Type Examination Certificate	Wall socket, plug and coupler: PTB 99 ATEX 1039 Flange socket: PTB 99 ATEX 1040 U
Degree of protection to EN 60529	IP 66
Enclosure material	Wall socket: Glass-fibre reinforced polyester Plug, coupler and flange socket: polyamide
Rated voltage	up to 690 V~
Rated current	up to 16 A
Frequency	50/60 Hz
Switching capacity AC-3	to 400 V~/16 A
Back-up fuse, max.	without therm. protection: 16 A with therm. protection: 35 A gL (rated current 16 A set to)
Cable entries	Wall socket: 1 x M25 Ø 8 - 17 mm, 1 x M25 Ex-screw plug plastic or 2 x metal thread M20 with Ex-screw plug plastic Plug and coupler: Ø 8 - 21 mm
Connecting terminals	Wall socket/coupler: 2 x 1 - 4 mm ² Plug: 1 x 1.0 - 2.5 mm ²



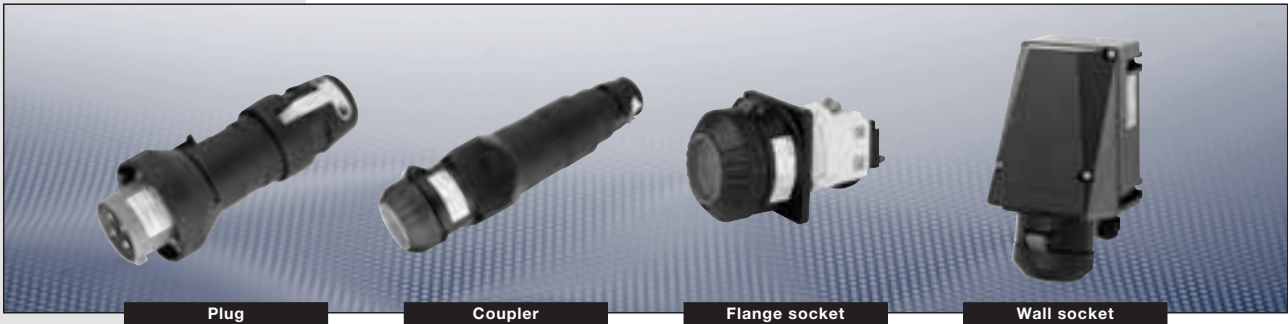
Wall socket



Flange socket



Dimensions in mm



EX - PLUGS AND SOCKETS

5.15

| 16A 4-pole up to 690 V |

Ordering details type 16 A 4-pole

Voltage	h	Type	Auxiliary kontakt	Cable entries	Weight approx.	Order No.
200-250 V	9	Wall socket	no	M25 KU	1.8 kg	GHG 511 4409 R0001
		Wall socket	no	M20 ME	1.9 kg	GHG 511 4409 R3001
		Flange socket			1.0 kg	GHG 511 8409 R0001
		Coupler			1.7 kg	GHG 511 3409 R0001
		Plug			0.7 kg	GHG 511 7409 R0001
380-415 V	6	Wall socket	no	M25 KU	1.8 kg	GHG 511 4406 R0001
		Wall socket	no	M20 ME	1.9 kg	GHG 511 4406 R3001
		Wall socket	yes	M25 KH	1.8 kg	GHG 511 4406 R0501
		Flange socket			1.0 kg	GHG 511 8406 R0001
		Coupler			1.7 kg	GHG 511 3406 R0001
480-500 V	7	Wall socket	no	M25 KU	1.8 kg	GHG 511 4407 R0001
		Wall socket	no	M20 ME	1.9 kg	GHG 511 4407 R3001
		Wall socket	yes	M25 KH	1.8 kg	GHG 511 4407 R0501
		Flange socket			1.0 kg	GHG 511 8407 R0001
		Coupler			1.7 kg	GHG 511 3407 R0001
600-690 V	5	Wall socket	no	M25 KU	1.8 kg	GHG 511 4405 R0001
		Wall socket	no	M20 ME	1.9 kg	GHG 511 4405 R3001
		Wall socket	yes	M25 KH	1.8 kg	GHG 511 4405 R0501
		Flange socket			1.0 kg	GHG 511 8405 R0001
		Coupler			1.7 kg	GHG 511 3405 R0001
		Plug			0.7 kg	GHG 511 7405 R0001

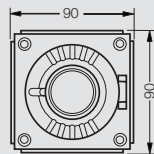
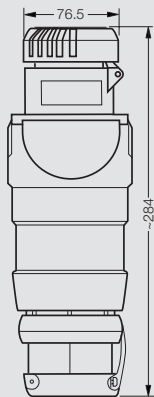
Other voltage ranges and versions available on request.

KU = 1 x plastic cable glands M25 for Ø 8-17 mm, 1 x M25 Ex-screw plug plastic

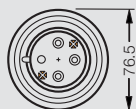
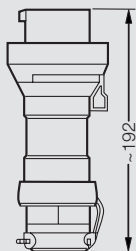
KH = 2 x plastic cable glands M25 for Ø 8-17 mm, auxiliary contact, 1 NO

ME = 2 x metal thread M20 with Ex-screw plug plastic

Fixing material and accessories see page 5.62 pp.



Coupler



Plug

Dimensions in mm

1

2

3

4

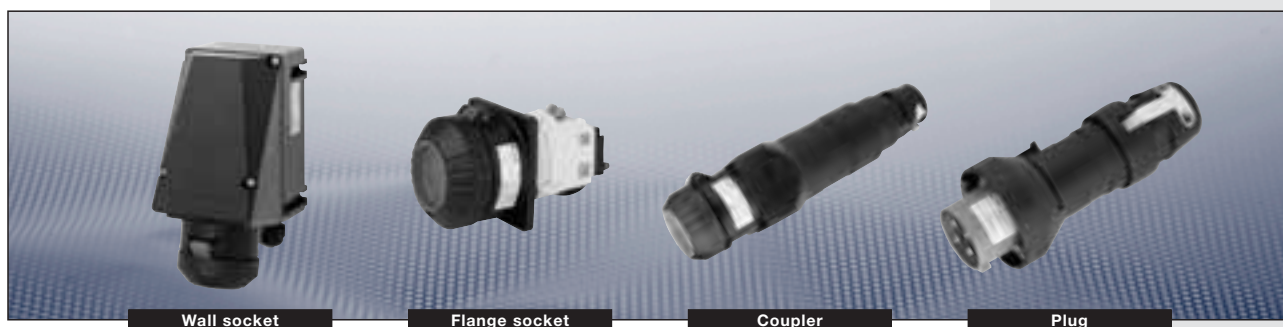
5

6

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8

9



Wall socket

Flange socket

Coupler

Plug

5.16

EX - PLUGS AND SOCKETS

| 16 A 5-pole up to 500 V |

Technical data

Ex-plugs and sockets accd. to IEC 60309-1/2

Marking to 94/9/EC	Ex II 2 G Ex II 2 D T60 °C
Type of protection	EEx ed IIC T6
EC-Type Examination Certificate	Wall socket, plug and coupler: PTB 99 ATEX 1039 Flange socket: PTB 99 ATEX 1040 U
Degree of protection to EN 60529	IP 66
Enclosure material	Wall socket: Glass-fibre reinforced polyester Plug, coupler and flange socket: polyamide
Rated voltage	up to 500 V~
Rated current	up to 16 A
Frequency	50/60 Hz
Switching capacity AC-3	to 400 V~/16 A
Back-up fuse, max.	without therm. protection: 16 A with therm. protection: 35 A gL (rated current 16 A set to)
Cable entries	Wall socket: 1 x M25 Ø 8 - 17 mm, 1 x M25 Ex-screw plug plastic or 2 x metal thread M20 with Ex-screw plug plastic Plug and coupler: Ø 12 - 21 mm
Connecting terminals	Wall socket/coupler: 2 x 1 - 4 mm ² Plug: 1 x 1.0 - 2.5 mm ²

Ordering details type 16 A 5-pole

Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
200-250 V 380-415 V		Wall socket	no	M25 KU	1.8 kg	GHG 511 4506 R0001
		Wall socket	no	M20 ME	1.9 kg	GHG 511 4506 R3001
		Wall socket	yes	M25 KH	1.8 kg	GHG 511 4506 R0501
		Flange socket			1.0 kg	GHG 511 8506 R0001
		Coupler			1.7 kg	GHG 511 3506 R0001
		Plug			0.7 kg	GHG 511 7506 R0001

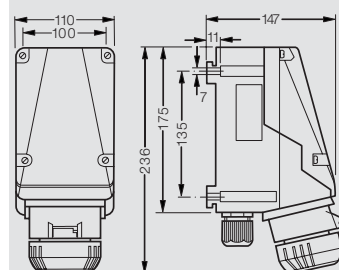
Other voltage ranges and versions available on request.

KU = 1 x plastic cable glands M25 for Ø 8-17 mm, 1 x M25 Ex-screw plug plastic

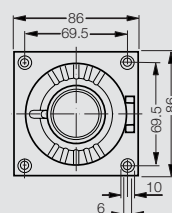
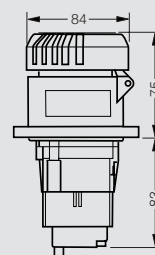
KH = 2 x plastic cable glands M25 for Ø 8-17 mm, auxiliary contact, 1 NO

ME = 2 x metal thread M20 with Ex-screw plug plastic

Fixing material and accessories see page 5.62 pp.



Wall socket



Flange socket

