

Ex-plugs and receptacles 20 A 3/4/5-pole up to 600 V IEC 309 Series 2 - CSA

1



Wall socket



Flange socket



Coupler



Plug

Technical data

Ex-plugs and receptacles acc. to IEC 60309-Series 2 20 A

Certificate of Compliance	CSA 2080082
Marking accd. to NEC 500	Class I Div 2 Group A, B, C and D, Class II Div. 1 Group E, F, and G
Marking accd. to NEC 505/CEC 18	Class I Zone 1 AEx ed IIC T6 / Ex ed IIC T6
Permissible ambient temperature	-45°C up to +55°C ¹⁾
Rated voltage	480 V (3-pole) / 600 V (4-pole) / 480 V (5-pole) AC
Rated current	20 A
Frequency	up to 400 Hz
Rated switching capacity	3-pole: 277 V / 3 HP, 4-pole: 600 V / 10 Hp 60 Hz, 5-pole: 600 V / 10 HP (60 Hz)
External back-up fuse, max.	without therm. protection: 20 A with therm. protection: 35 A gG (rated current 20A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66

Wall socket

Cable entry	1x 1/2" or 1 x 3/4" NPT Myers Hub
Connecting terminals	2 x AWG 16 - 12
Enclosure material	glass-fibre reinforced polyester

Plug

Cable entry	Ø 8 - 19 mm (3-pole) / Ø 8 - 21 mm (4-pole) / 12 - 21 mm (5-pole)
Connecting terminals	1 x AWG 17 - 14
Enclosure material	Polyamide

Flange socket

Connecting terminals	2 x AWG 16 - 12
Enclosure material	glass-fibre reinforced polyester

Coupler

Cable entry	Ø 8 - 19 mm (3-pole) / Ø 8 - 21 mm (4-pole) / 12 - 21 mm (5-pole)
Connecting terminals	1 x AWG 16 - 12
Enclosure material	Polyamide

¹⁾ + 55 °C with reduced line current





Wall socket



Flange socket



Coupler



Plug

Ordering details

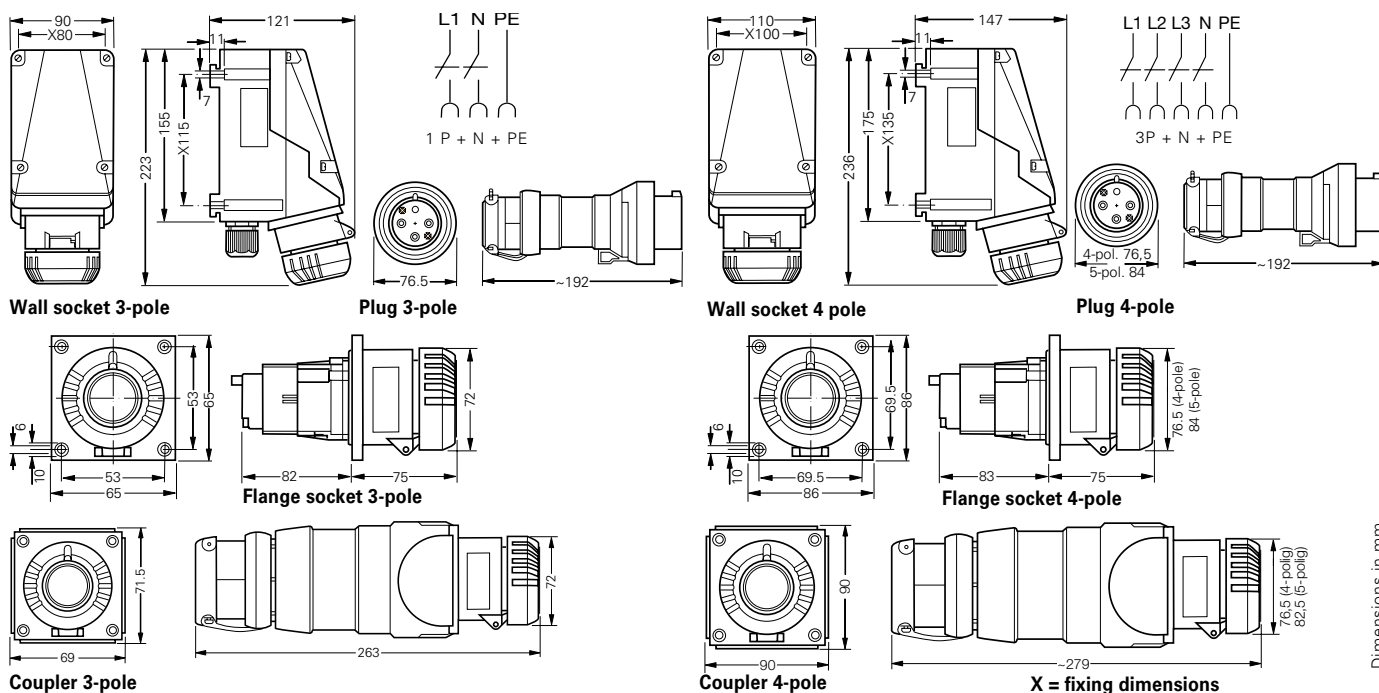
Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 20 A 3-pole						
125 V		Wall socket	—	ME20	1.4 kg	GHG 511 4304 L3001
		Flange socket			1.0 kg	GHG 511 8304 L0001
		Coupler			0.9 kg	GHG 511 3304 L0001
		Plug			0.38 kg	GHG 511 7304 L0001
250 V		Wall socket	—	ME20	1.4 kg	GHG 511 4306 L3001
		Flange socket			1.0 kg	GHG 511 8306 L0001
		Coupler			0.9 kg	GHG 511 3306 L0001
		Plug			0.38 kg	GHG 511 7306 L0001
Type 20 A 4-pole						
3Ø 600 V		Wall socket	—	ME25	1.9 kg	GHG 511 4405 L3001
		Flange socket			1.0 kg	GHG 511 8405 L0001
		Coupler			0.9 kg	GHG 511 3405 L0001
		Plug	—		0.38 kg	GHG 511 7405 L0001
3Ø 480 V		Wall socket	—	ME25	1.9 kg	GHG 511 4407 L3001
		Flange socket			1.0 kg	GHG 511 8407 L0001
		Coupler			0.9 kg	GHG 511 3407 L0001
		Plug	—		0.38 kg	GHG 511 7407 L0001
3Ø 250 V		Wall socket	—	ME25	1.9 kg	GHG 511 4409 L3001
		Flange socket			1.0 kg	GHG 511 8409 L0001
		Coupler			0.9 kg	GHG 511 3409 L0001
		Plug	—		0.38 kg	GHG 511 7409 L0001

Other voltage ranges and versions available on request

ME20 = 2 x metal thread M20, 1 x 1/2" Myers Hub adapter, 1 x M20 plastic Ex-screw plug

ME25 = 2 x metal thread M25, 1 x 3/4" Myers Hub adapter, 1 x M25 plastic Ex-screw plug

Dimension drawing | Wiring diagram



Ex-plugs and receptacles 30 A 3/4/5-pole up to 600 V IEC 309 Series 2 - CSA



Wall socket



Plug



Flange socket



Coupler

Technical data

Ex-plugs and receptacles acc. to IEC 60309-Series 2 30 A

Certificate of Compliance	CSA 2080082
Marking accd. to NEC 500	Class I Div 2 Group A, B, C and D, Class II Div. 1 Group E, F, and G
Marking accd. to NEC 505/CEC 18	Class I Zone 1 AEx ed IIC T6 / Ex ed IIC T6
Permissible ambient temperature	-45°C up to +55°C
Rated voltage	600 V AC
Rated current	30 A
Frequency	up to 400 Hz
Rated switching capacity	600 V 30 A
External back-up fuse, max.	without therm. protection: 30 A with therm. protection: 50 A gG (rated current 30 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66

Wall socket

Cable entry	1 x 1" NPT Myers Hub, 1 x M32 thread with screw plug
Connecting terminals	2 x AWG 12-8
Enclosure material	glass-fibre reinforced polyester

Plug

Cable entry	Ø 17 - 28 mm
Connecting terminals	1 x AWG 18 - 10
Enclosure material	Polyamide

Coupler

Cable entry	Ø 17 - 28 mm
Connecting terminals	2 x AWG 12-8
Enclosure material	glass-fibre reinforced polyester

Flange socket	Flange socket
Connecting terminals	1 x AWG 12-8
Enclosure material	Polyamide





Flange socket



Coupler



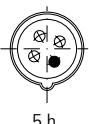
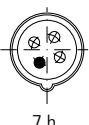
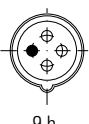
Plug



Wall socket

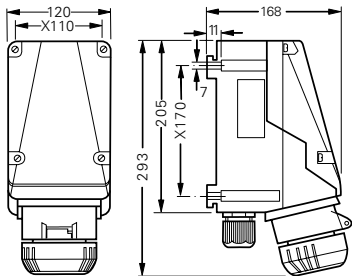
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Ordering details

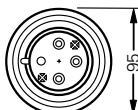
Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 30 A 4-pole						
3Ø 600 V		Wall socket	—	ME32	2.1 kg	GHG 512 4405 L3001
		Flange socket			1.0 kg	GHG 512 8405 L0001
		Coupler			1.55 kg	GHG 512 3405 L0001
		Plug	—		0.4 kg	GHG 512 7405 L0001
3Ø 480 V		Wall socket	—	ME32	2.1 kg	GHG 512 4407 L3001
		Flange socket			1.0 kg	GHG 512 8407 L0001
		Coupler			1.55 kg	GHG 512 3407 L0001
		Plug	—		0.4kg	GHG 512 7407 L0001
3Ø 250 V		Wall socket	—	ME32	2.1kg	GHG 512 4409 L3001
		Flange socket			1.0 kg	GHG 512 8409 L0001
		Coupler			1.55 kg	GHG 512 3409 L0001
		Plug	—		0.4kg	GHG 512 7409 L0001

Other voltage ranges and versions available on request
ME32 = 2 x metal thread M32, 1 x 1" Myers Hub adapter, 1 x M32 plastic Ex-screw plug

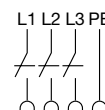
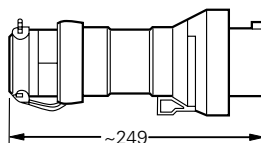
Dimension drawing I Wiring diagram



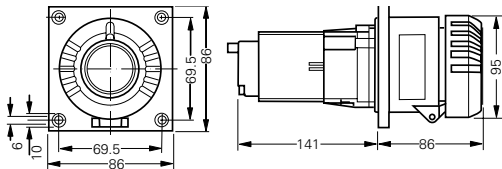
Wall socket 4-pole



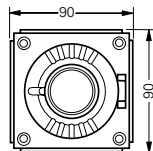
Plug 4-pole



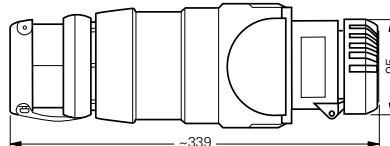
3P + PE



Flange socket 4-pole



Coupler 4-pole



X = fixing dimensions

Ex-plugs and receptacles 60 A 3/4/5-pole up to 600 V IEC 309 Series 2 - CSA

1



Wall socket



Plug

Technical data

Ex-plugs and receptacles acc. to IEC 60309-Series 2 60 A	
Certificate of Compliance	CSA 2089057
Marking accd. to NEC 500	Class I Div 2 Group A, B, C and D, Class II Div. 1 Group E, F, and G
Marking accd. to NEC 505/CEC 18	Class I Zone 1 AEx ed IIC T6 / Ex ed IIC T6
Permissible ambient temperature	-20°C up to +40°C
Rated voltage	600 V AC
Rated current	60 A
Frequency	up to 400 Hz
Rated switching capacity	600 V 60 A
External back-up fuse, max.	without therm. protection: 60 A with therm. protection: 80 A gG (rated current 60 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66
Wall socket	
Cable entry	1 x 1 1/4"NPT Myers Hub, 1 x M40 thread with screw plug
Connecting terminals	2 x AWG 12 - 4
Enclosure material	glass-fibre reinforced polyester
Plug	
Cable entry	Ø 19 - 34 mm
Connecting terminals	1 x AWG 12 - 6
Enclosure material	Polyamide



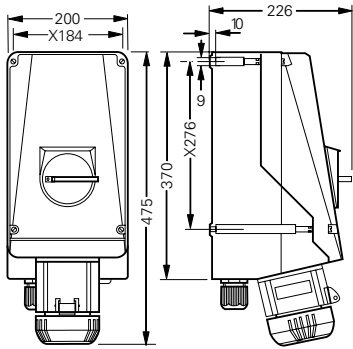


Ordering details

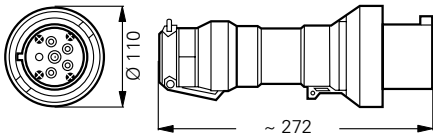
Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 60 A 4-pole						
3Ø 600 V		Wall socket	—	ME40	8.2 kg	GHG 514 4405 L3001
		Plug	—		0.9 kg	GHG 514 7405 L0001
5 h						
3Ø 480 V		Wall socket	—	ME40	8.2 kg	GHG 514 4407 L3001
		Plug	—		0.9 kg	GHG 514 7407 L0001
7 h						
3Ø 250 V		Wall socket	—	ME40	8.2 kg	GHG 514 4409 L3001
		Plug	—		0.9 kg	GHG 514 7409 L0001
9 h						

Other voltage ranges and versions available on request
ME40 = 2 x metal thread M40, 1 x 1 1/4" Myers Hub adapter, 1 x M40 plastic Ex-screw plug

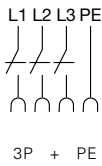
Dimension drawing | Wiring diagram



Wall socket 4-pole



Plug 4-pole



X = fixing dimensions

Ex-plugs and receptacles 100 A 3/4/5-pole up to 600 V IEC 309 Series 2 - CSA

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Wall socket



Plug

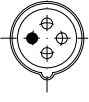
Technical data

Ex-plugs and receptacles acc. to IEC 60309-Series 2 100 A	
Certificate of Compliance	CSA 2089057
Marking accd. to NEC 500	Class I Div 2 Group A, B, C and D, Class II Div. 1 Group E, F, and G
Marking accd. to NEC 505/CEC 18	Class I Zone 1 AEx ed IIC T6 / Ex ed IIC T6
Permissible ambient temperature	-20°C up to +40°C
Rated voltage	600 V AC
Rated current	100 A
Frequency	up to 400 Hz
Rated switching capacity	600 V 100 A
External back-up fuse, max.	without therm. protection: 100 A with therm. protection: 160 A gG (rated current 100 A set to)
Protection class	I
Degree of protection accd. to EN 60529	IP66
Plug	
Cable entry	1 x 1 1/2"NPT Myers Hub, 1 x M50 thread with screw plug
Connecting terminals	2 x AWG 12 - 1
Enclosure material	glass-fibre reinforced polyester
Plug	
Cable entry	Ø 31 - 55 mm
Connecting terminals	1 x AWG 12 - 3
Enclosure material	Polyamide



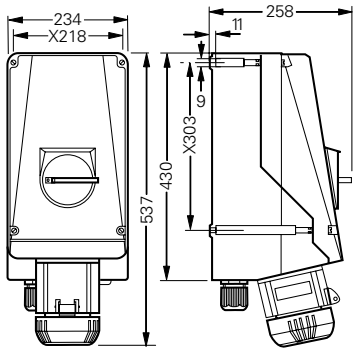


Ordering details

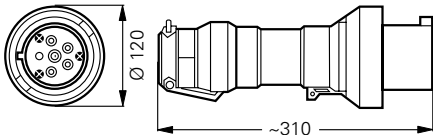
Voltage	h	Type	Aux. contact	Cable entry	Weight approx.	Order No.
Type 100 A 4-pole						
3Ø 600 V		Wall socket	—	ME50	12.6 kg	GHG 515 4405 L3001
		Plug	—		1.5 kg	GHG 515 7405 L0001
3Ø 480 V		Wall socket	—	ME50	12.6 kg	GHG 515 4407 L3001
		Plug	—		1.5 kg	GHG 515 7407 L0001
3Ø 250 V		Wall socket	—	ME50	12.6 kg	GHG 515 4409 L3001
		Plug	—		1.5 kg	GHG 515 7409 L0001

Other voltage ranges and versions available on request
ME50 = 2 x metal thread M50, 1 x 1 1/2" Myers Hub adapter, 1 x M50 plastic Ex-screw plug

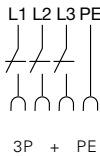
Dimension drawing | Wiring diagram



Wall socket 4-pole



Plug 4-pole



X = fixing dimensions