

## Plug and Socket Devices SolConeX 32 A Series 8571

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12128E00

- > Switch socket / plug 32 A
- > Minimal force required to insert and remove
- > With motor switching capacity AC-3 acc. to IEC 60947-3
- > Large switching handle
  - with clear position indication
  - able to be padlocked in 0- and I-position
- > Self-cleaning contacts for superior reliability
- > Can be optionally equipped with an auxiliary contact for control and signalling purposes
- > IP66 in any application position



E3

The SolConeX plug and socket devices Series 8571 are 32 A versions. An important safety criterion is the reliable load disconnect switch with the large, highly visible handle. Plugging in and unplugging is done easily and safely in 0 position. The plugs and sockets comply with IEC/EN 60309-1/-2/-4 (CEE), IEC/EN 60079-0, IEC/EN 60079-1 and IEC/EN 60079-7. The ability to plug the Ex-plug in non-Ex-sockets is guaranteed, while operation of the Ex-socket using a non-Ex-plug is reliably prevented.








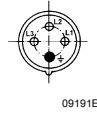

	ATEX / IECEx						Zone	NEC 505			NEC 506			Division	NEC 500						
	0	1	2	20	21	22		Class I							Class I		Class II		Class III		
Zone	0	1	2	20	21	22	Zone	0	1	2	20	21	22	Division	1	2	1	2	1	2	
For use in		x	x		x	x	For use in		x	x				For use in		x	x	x	x	x	x

**WebCode 8571A**

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Selection Table

Version	No. of poles	Voltage [V]	Colour code	Frequency Hz	h	Metal adaptor	Order number	Weight kg	
SolConeX 32 A switch socket  10324E00	 06556E00 4 P (3 P + PE)	>50	green	100-300 <sup>*)</sup>	10	--	8571/11-410	2.200	
		200 ... 250	blue	50 and 60	9	--	8571/11-409	2.200	
		380 ... 415	red	50 and 60	6	--	8571/11-406	2.200	
		440 ... 460	red	60	11	--	8571/11-411	2.200	
		480 ... 500	black	50 and 60	7	--	8571/11-407	2.200	
		600 ... 690	black	50 and 60	5	--	8571/11-405	2.200	
		 06555E00 5 P (3 P + N + PE)	220 / 240 ... 380 / 415	red	50	3	--	8571/11-503	2.200
			57 / 100 ... 75 / 130	yellow	50 and 60	4	--	8571/11-504	2.200
			120 / 208 ... 144 / 250	blue	50 and 60	9	--	8571/11-509	2.200
			200 / 346 ... 240 / 415	red	50 and 60	6	--	8571/11-506	2.200
	250 / 440 ... 265 / 460		red	60	11	--	8571/11-511	2.200	
	277 / 480 ... 288 / 500		black	50 and 60	7	--	8571/11-507	2.200	
	347 / 600 ... 400 / 690	black	50 and 60	5	--	8571/11-505	2.200		
	<b>Variants with metal earth plate for two metal cable entries and stopping plugs</b>								
	 06556E00 4 P (3 P + PE)	200 ... 250	blue	50 and 60	9	M32 x 1.5	8571/11-409-S012	2.200	
		380 ... 415	red	50 and 60	6	M32 x 1.5	8571/11-406-S012	2.200	
		480 ... 500	black	50 and 60	7	M32 x 1.5	8571/11-407-S012	2.200	
		600 ... 690	black	50 and 60	5	M32 x 1.5	8571/11-405-S012	2.200	
	 06555E00 5 P (3 P + N + PE)	200 / 346 ... 240 / 415	red	50 and 60	6	M32 x 1.5	8571/11-506-S012	2.200	
<b>Variants with auxiliary contact (NO) and cable entry with stopping plug</b>									
 06556E00 4 P (3 P + PE)	380 ... 415	red	50 and 60	6	--	8571/11-406-S001	2.200		
	480 ... 500	black	50 and 60	7	--	8571/11-407-S001	2.200		
	600 ... 690	black	50 and 60	5	--	8571/11-405-S001	2.200		
SolConeX 32 A plug  10324E00	 09191E00 4 P (3 P + PE)	>50	green	100-300 <sup>*)</sup>	10	--	8571/12-410	0.500	
		200 ... 250	blue	50 and 60	9	--	8571/12-409	0.500	
		380 ... 415	red	50 and 60	6	--	8571/12-406	0.500	
		440 ... 460	red	60	11	--	8571/12-411	0.500	
		480 ... 500	black	50 and 60	7	--	8571/12-407	0.500	
		600 ... 690	black	50 and 60	5	--	8571/12-405	0.500	
	 09196E00 5 P (3 P + N + PE)	120 / 208 ... 144 / 250	blue	50 and 60	9	--	8571/12-509	0.600	
		200 / 346 ... 240 / 415	red	50 and 60	6	--	8571/12-506	0.600	
		250 / 440 ... 265 / 460	red	60	11	--	8571/12-511	0.600	
		277 / 480 ... 288 / 500	black	50 and 60	7	--	8571/12-507	0.600	
		347 / 600 ... 400 / 690	black	50 and 60	5	--	8571/12-505	0.600	
		220 / 240 ... 380 / 415	red	50	3	--	8571/12-503	0.600	
		57 / 100 ... 75 / 130	yellow	50 and 60	4	--	8571/12-504	0.600	

# Plug and Socket Devices SolConeX 32 A Series 8571



## Explosion Protection

<b>Global (IECEx)</b>	
Gas and dust	IECEx PTB 05.0024 Ex d e IIC T6 Gb (Ta = -30 ... +40 °C) Ex d e IIC T5 Gb (Ta = -30 ... +55 °C) with intrinsically safe auxiliary contacts: Ex d e [ia Ga] IIC T6 Gb (Ta = -30 ... +40 °C) Ex d e [ia Ga] IIC T5 Gb (Ta = -30 ... +55 °C) Ex tD A21 IP66 T75°C Db (Ta = -30 ... +55 °C) Ex tD A21 IP66 T60°C Db (Ta = -30 ... +40 °C)
<b>Europe (ATEX)</b>	
Gas and dust	PTB 04 ATEX 1060 Ⓜ II 2 G Ex d e IIC T6 Gb (Ta = -30 ... +40 °C) Ⓜ II 2 G Ex d e IIC T5 Gb (Ta = -30 ... +55 °C) with intrinsically safe auxiliary contacts: Ⓜ II 2 G Ex d e [ia Ga] IIC T6 Gb (Ta = -30 ... +40 °C) Ⓜ II 2 G Ex d e [ia Ga] IIC T5 Gb (Ta = -30 ... +55 °C) Ⓜ II 2 D Ex tD A21 IP66 T75°C Db (Ta = -30 ... +55 °C) Ⓜ II 2 D Ex tD A21 IP66 T60°C Db (Ta = -30 ... +40 °C)
<b>Certifications and certificates</b>	
Certificates	IECEx, ATEX, Brazil (INMETRO), China (China-Ex), India (PESO), Canada (CSA), Kazakhstan (TR), Korea (KCs), Russia (TR), Serbia (SRPS), Taiwan (ITRI), Ukraine (TR), USA (FM), Belarus (TR)
Ship approval	GL, RS

## Technical Data

<b>Electrical data</b>	
<b>Version</b>	<b>Socket 8571/11, Plug 8571/12</b>
Rated operational voltage	
Main contacts	max. 690 V AC / max. 110 V DC
Auxiliary contacts	max. 500 V AC / max. 110 V DC
Rated operational current	
Main contacts	32 A
Auxiliary contacts	max. 6 A
Switching capacity	Main contacts: AC-3: 690 V, 32 A 7.5 kW: 220 V / 230 V / 240 V 15 kW: 380 V / 400 V / 415 V 30 kW: 600 V / 690 V  Auxiliary contacts: AC-15: 500 V, max. 1250 VA AC-15: 230 V, max. 1380 VA AC-12: 500 V, max. 3000 VA DC-13: 110 V, 110 W
Short-circuit protection	32 A gG
Interlocked switch	max. 4 pole switch 2 optional auxiliary contacts (ON - delayed, OFF - advanced)
<b>Ambient conditions</b>	
<b>Version</b>	<b>Socket 8571/11, Plug 8571/12</b>
Ambient temperature	see Explosion protection -50 °C on request (internal lubrication using silicone grease)
<b>Mechanical data</b>	
<b>Version</b>	<b>Socket 8571/11</b>
Degree of protection	IP66 acc. to IEC/EN 60529
Enclosure material	Polyamide, glass fibre reinforced, fire and saltwater resistant
Switching handle	lockable in 0 and I position
<b>Version</b>	<b>Plug 8571/12</b>
Degree of protection	IP66 acc. to IEC/EN 60529
<b>Mounting / Installation</b>	
<b>Version</b>	<b>Socket 8571/11</b>
<b>Connection Terminals</b>	
Main contacts	2 x 2.5 ... 10 mm <sup>2</sup> single-wire 2 x 2.5 ... 6 mm <sup>2</sup> finely stranded
Cable entries	
Cable gland	1 x M32 x 1.5 (positioning on the top or at the side, according to the order)
Stopping plug	1 x M32 x 1.5
<b>Version</b>	<b>Plug 8571/12</b>
Terminals	1 x 2.5 ... 10 mm <sup>2</sup> finely stranded
Cable entries	12 ... 28 mm cable diameter

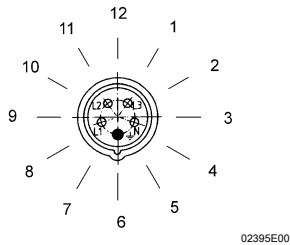
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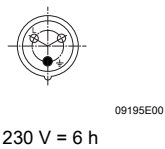


## Arrangement of Earth Contact Sockets

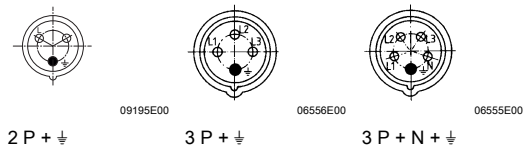
Example:  
Clock hour position,  
Front view of socket



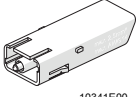

Example:  
Clock hour position



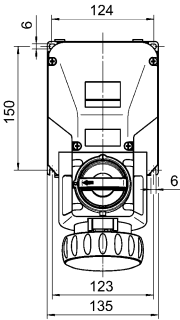
Marking of connections  
Front view of socket



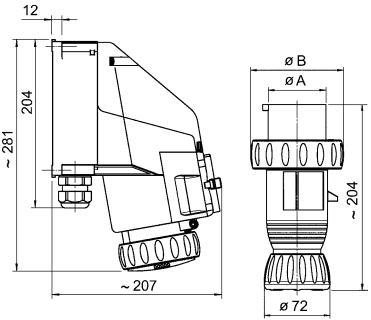
## Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Auxiliary contact (retrofitable)		1 NO	<b>150682</b>	0.125
		1 NC	<b>150680</b>	0.125
		1 NO, gold contact	<b>150686</b>	0.125
		1 NC, gold contact	<b>150684</b>	0.125
Protective cap		for plug 32 A      4 pole	<b>150856</b>	0.070
		for plug 32 A      5 pole	<b>150865</b>	0.077

## Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



**8571/11-...**  
**SolConeX 32 A switch socket**



**8571/12-...**  
**SolConeX 32 A plug**

Type	A	B
8571/12-4.. (32 A, 3 P + ⚡)	57	99
8571/12-5.. (32 A, 3 P + N + ⚡)	63.4	104

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice.  
The illustrations cannot be considered binding.