




Hornsea 01 220kV Offshore GIS
HOW01Z11

Surge Arrester, Technical Datasheet, Dimensions

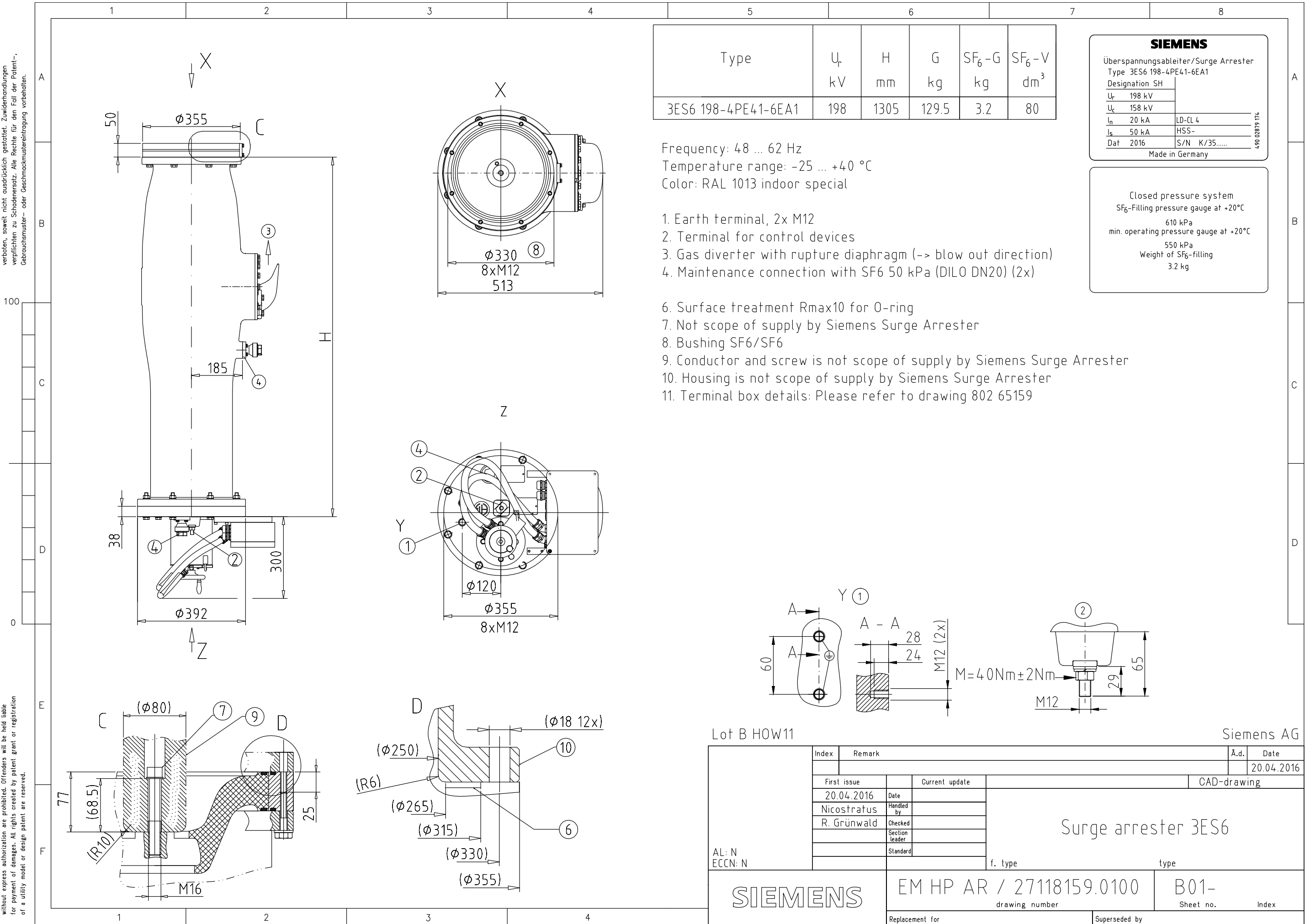
Z11AAD&EDA004



20.04.2016	As Built		
Revision	Status		
		Surge Arrester, Technical Datasheet, Dimensions Z11AAD&EDA004 <small>Cover sheet for doc.: 27118159-0100_3ES6_198-4PE41-6EA1_X50_U06</small>	
		Project. no. 54PO-01747	No. of pages 2

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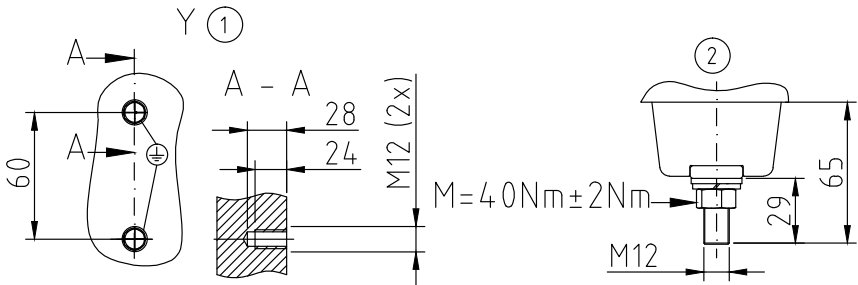
Type	U_r kV	H mm	G kg	SF ₆ -G kg	SF ₆ -V dm ³
3ES6 198-4PE41-6EA1	198	1305	129.5	3.2	80

Frequency: 48 ... 62 Hz
Temperature range: -25 ... +40 °C
Color: RAL 1013 indoor special

- Earth terminal, 2x M12
- Terminal for control devices
- Gas diverter with rupture diaphragm (-> blow out direction)
- Maintenance connection with SF6 50 kPa (DILO DN20) (2x)
-
- Surface treatment Rmax10 for O-ring
- Not scope of supply by Siemens Surge Arrester
- Bushing SF6/SF6
- Conductor and screw is not scope of supply by Siemens Surge Arrester
- Housing is not scope of supply by Siemens Surge Arrester
- Terminal box details: Please refer to drawing 802 65159

SIEMENS	
Überspannungsableiter/Surge Arrester	
Type 3ES6 198-4PE41-6EA1	
Designation SH	
U_r 198 kV	
U_c 158 kV	
I_n 20 kA	LD-CL 4
I_s 50 kA	HSS-
DaT 2016	S/N K/35.....
Made in Germany	

Closed pressure system	
SF ₆ -Filling pressure gauge at +20°C	
610 kPa	
min. operating pressure gauge at +20°C	
550 kPa	
Weight of SF ₆ -filling	
3.2 kg	



Lot B HOW11				Siemens AG		
AL: N ECCN: N	Index	Remark			A.d.	Date
						20.04.2016
	First issue			Current update	CAD-drawing	
	20.04.2016		Date			
	Nicostratus		Handled by			
	R. Grünwald		Checked			
			Section leader			
			Standard			
					f. type	type
SIEMENS		EM HP AR / 27118159.0100			B01-	
		drawing number			Sheet no. Index	
Replacement for				Superseded by		
file: 27118159-0100.dwg						