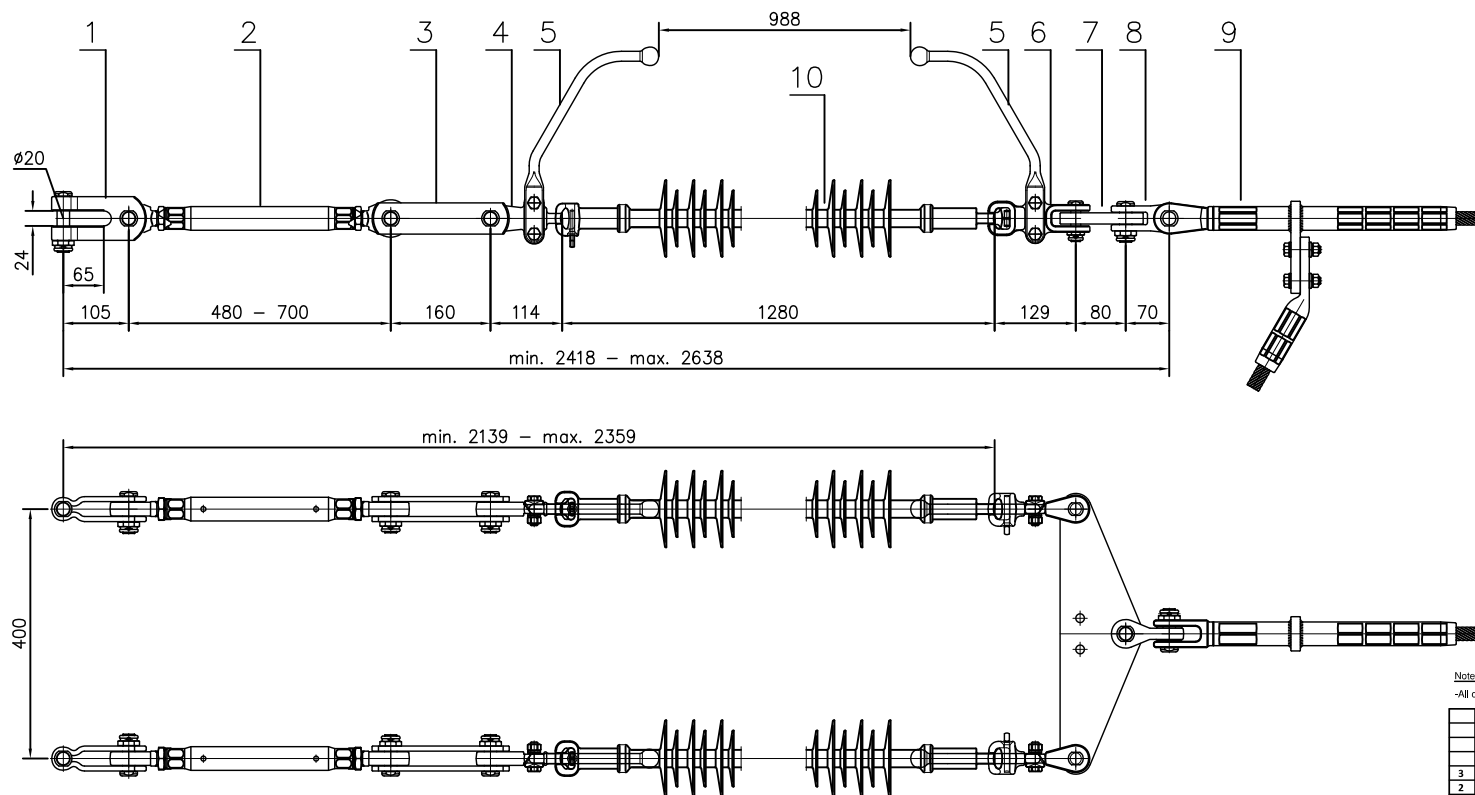




Notes:

-All dimensions are in millimetres.

REV	DESCRIPTION/	DATE	BY
3	Revised	6.7.22.	D. Mikanec
2	Revised	12.4.22.	D. Mikanec
1	Added GAP	6.4.22.	D. Mikanec
0	First Submission	16.03.22.	S. Maric

PROJECT NAME Open Programme Extension of the Transmission Network II BMZ No. 2015 68 286 Contract Identification No. KPW/DSI/OHL-TD-Lot 2	
EMPLOYER JSC Georgian State Electrosystem (GSE) Baratashvili Street, Tbilisi, Georgia, 0105 info@gse.com.ge	
ENGINEER Fichtner GmbH & Co. KG Senveysstrasse 370191 Stuttgart / Germany info@fichtner.de	
CONTRACTOR Mitas Energy and Metal Constuction Inc. Eski Güvercinlik Yolu No: 113 - Gazi / Ankara / Turkey info@mitastower.com	
VENDOR Proizvodnja OSO Ltd. Vukomerička 9, 10410, Velika Gorica / Croatia product.del@dalekovod.hr	
VENDOR IDENTIFICATION NUMBER / TITLE DZ.110.699U / 110 kV Double Tension Set - Upright Low Duty - for conductor ACSR 240/32; Ø21.6 mm; Zone 2 (<1500 m)	

Minimum breaking strength (without tension clamp) 120 kN
Line voltage 110 kV
Conductor ACSR 240/32 mm², Ø21.60 mm
Standard coupling according to IEC 120/16A
d. f. s. - drop forged steel
h. d. g. - hot dip galvanised

Dry lightning impulse withstand voltage: 660 kV
Wet power frequency withstand voltage: 245 kV
Creepage distance: 3630 mm
Short-circuit current level: 25 kA/s

5	Arcing horn -upper	4	41.16.25	N. A.	steel	h. d. g.
4	Ball tongue	2	23.56.10	120 kN	d. f. s.	h. d. g.
3	Extension link	2	26.12.27CA	120 kN	steel	h. d. g.
2	Turnbuckle	2	25.99.966.9	160 kN	d. f. s.	h. d. g.
1	Hinge	2	69.70.105.2	160 kN	steel	h. d. g.
Item	Description	Pcs.	Catalogue no.	M.B.S.	Material	Note
Mass : 32.30 kg (without insulators)						
25.02.2022 Signature Substitute for :						
Design by : D. Mikanec						
Checked by : A. Dogasevic						
Approved by : D. Mikanec						
Title : DOUBLE TENSION SET - UPRIGHT LOW DUTY-						
Revision 3						



APPROVAL AREA		STATUS AP ☐ AC ☐ NA ☐	STAMP	
REVIEWED BY	D. Mikanec			
DATE OF REVIEW	12.4.2022.			
APPROVED BY	D. Mikanec	TITLE		
CHECKED BY	A. Dogašević	110 kV - Zone 2 - Low Duty Upright String - Drawing		
DESIGNED BY	D. Mikanec			
DRAWN BY	S. Marić			
DATE OF ISSUE	16.3.2022.			
SCALE	PAGE SIZE	DOC NO.	REV.	PAGE
N.A.		7145A07-PO-HFT-DWG-2516	3	1/1