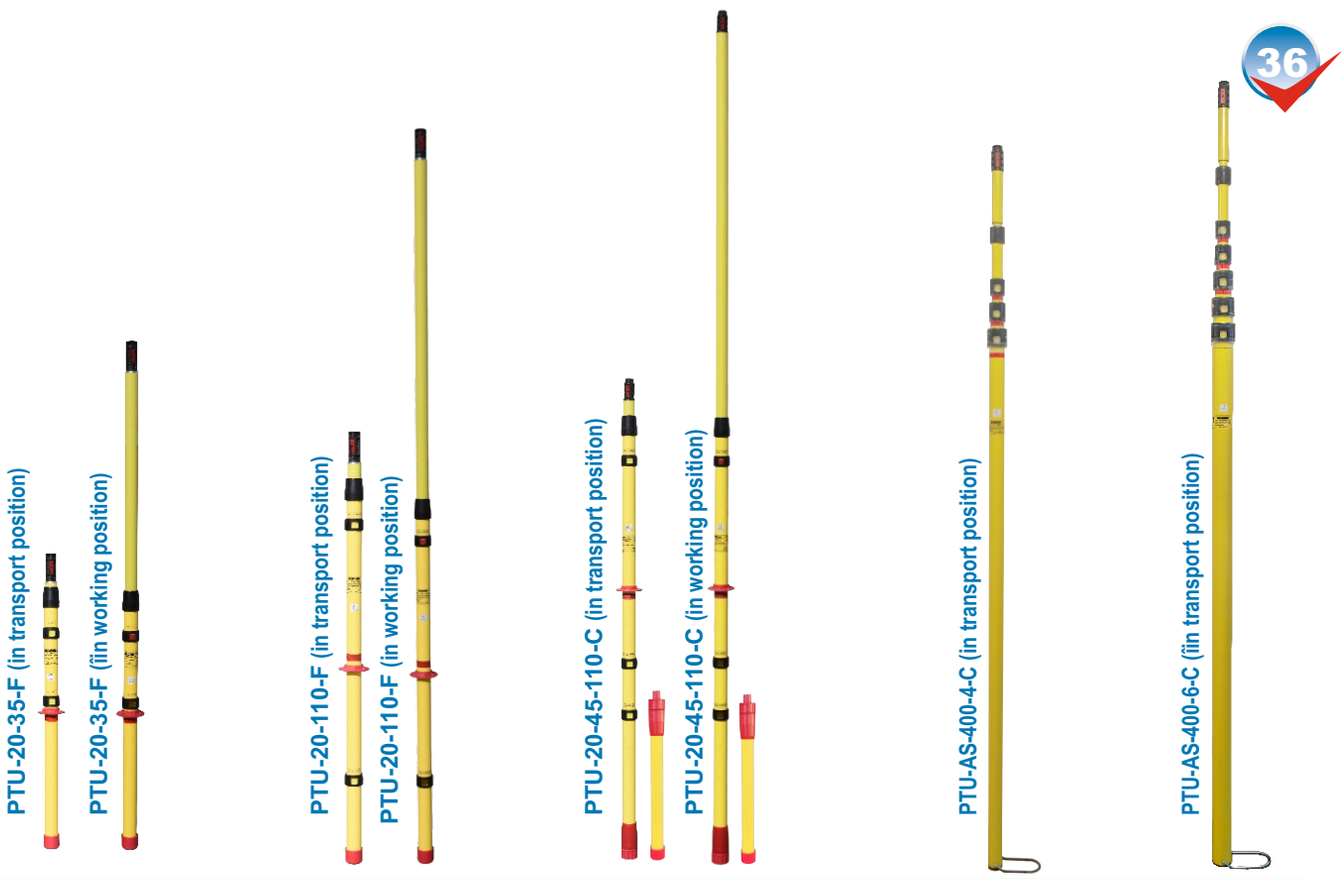
TELESCOPIC

Multipurpose telescopic insulating sticks

SR EN 61230 SR EN 61235 CST

Code: PTU-U_n-F
PTU-AS-U_n-n-C

Telescopic insulating sticks (PTU) are made of two or more tubular elements (of various diameters) which can be extended or folded in an undetachable manner.
Telescopic insulating sticks are provided, according to certification tests, with a ''hexagon 12" coupling system which allows the coupling of other protective devices, adapters or accessories. Upon the customer's demand, sticks can be provided with other coupling systems (''RO bayonet", ''universal", etc.).
Sticks type PTU-20-45-110-C are delivered with a 0,40 m insulating extension handle.
These types of sticks can be used for works or operations both in trasformer stations and on overhead lines.
The telescopic insulating sticks include insulating tubes made of fibre-reinforced plastic with diameters between 23 and 59 mm.



Insulating stick code	Operating voltage U_n (kV)	Test voltage U_{inc} (kV)	No. of sections	Total length L_t (m)	Handle length L_m (m)	Working length L_u (m)	Transport length (m)	Weight (kg)
PTU-20-35-F	20	60	2	1,26	0,41	0,85	0,88	0,90
	35	105		1,46		1,05		
PTU-20-110-F	20	60	2	1,41	0,56	0,85	1,25	1,25
	110	190		2,13		1,57		
PTU-20-45-110-C	20	60	2	1,81*	0,83*	0,98	1,47	1,67 + 0,48
	45	135		1,97*		1,14		
	110	190		2,59*		1,76		
PTU-AS-400-4-C	35-110	190	4 (base)+1	3,35	1,73	1,62	2,01	3,20
	220	380	4 (base)+1+2	4,66	1,66	3,00		
	400	695	4 (base)+1+2+3	6,00	1,58	4,42		
PTU-AS-400-6-C	35-110	190	6 (base)+1	3,49	1,87	1,62	2,15	5,60
	220	380	6 (base)+1+2	4,80	1,80	3,00		
	400	695	6 (base)+1+2+3	6,15	1,73	4,42		
	400	695	6 (base)+1+2+3+4	7,55	1,66	5,89		
	400	695	6 (base)+1+2+3+4+5	9,00	1,60	7,40		

* If the extension insulating handle is used, each indicated length is extended by 0.40 m.