TELESCOPIC

Multipurpose telescopic insulating sticks

SR EN 50808 SR EN 61235 CST

Code: PTU-Un-C / PTU-Un-C+P

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''/M10 coupling system C type**, 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'' BA type, ''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 transformers stations and on overhead lines.
The telescopic insulating sticks include insulating tubes made of fibre-reinforced plastic with diameters between 37 and 42 mm.



HEXAGON 12 / M10
C TYPE



BAIONET RO
BA TYPE

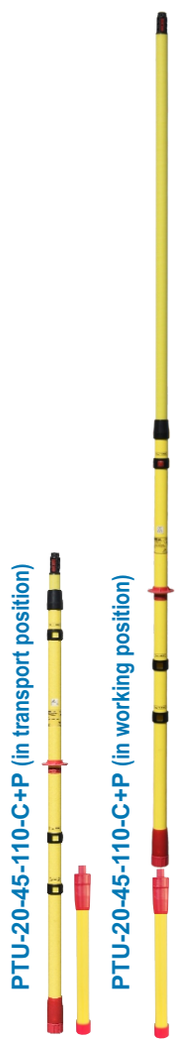
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PTU-20-45-C (in transport position)
PTU-20-45-C (in working position)



PTU-20-45-110-C (in transport position)
PTU-20-45-110-C (in workinfgposition)



PTU-20-45-110-C+P (in transport position)
PTU-20-45-110-C+P (in working position)

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-20-45-C	20	60	2	1,31	0,33	0,97	0,89	1,10
	45	135		1,47		1,13		
PTU-20-45-110-C	20	60	2	1,79	0,81	0,97	1,43	1,60
	45	135		1,95		1,13		
	110	190		2,57		1,75		
PTU-20-45-110-C+P	20	60	2+1	2,24	1,26	0,97	1,49	1,70 + 0,60
	45	135		2,40		1,13		
	110	190		3,02		1,75		