THORNE & Thorne & Derrick DERRICK INTERNATIONAL Thorne & Derrick +44 (0) 191 410 4292 www.powerandcables.com

Specification for short-circuiting and earthing systems

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A Network, electrical installation characteristics Network voltage: kV Max. short-circuiting current (1s): kA Nature of the conductive materials: Basis Al		
Overhead lines	Switchboard or substa	ition
- Dia. or section of the conductors: min	- Round bars dia. (mm): mini	
max	Length =	
	H type T	
	- Flat bars V type	ength =
	Thickness	=
	- Fitting on edge face - F	itting on side face 🗔
B Characteristics of the earthing system		
- Selected sketch (out of the three standard types shown below	(W	
- Distance between live conductors (m):, between live conductors and grounding point (m)		
- To place the clamps in position, the operator will stand: above the conductors under the conductors at the conductors level		
- For cable sections, please indicate max. Δ T or min. dia. of the conductor		
C Earthing connection point		
- Earth rods: dia. or thickness on side face (mm):	Flat bar angle-bar thickness	s (mm):
- Round conductor dia. (mm):		
 D Operating stick - Insulating stick: total length Fixed 	Connectable stick	Telescopic 🗔
Characteristics	Sketch 1N°1 Sketch N°2	Sketch Nº3
- Selected connection type: Sketch n° - Contact clamps (type MT)		
- Short-circuiting cable		
 Short-circuiting cable Length (m) 		
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 Short-circuiting cable Length (m)		
 Short-circuiting cable Length (m) Dia. or section (mm, mm²) Grounding cable Length (m) Dia. or section (mm, mm²) Connection of cables on clamps, earth clamps, trifurcation Direct connection by screw and nut 	Accessoriles	
 Short-circuiting cable Length (m) Dia. or section (mm, mm²) Grounding cable Length (m) Dia. or section (mm, mm²) Connection of cables on clamps, earth clamps, trifurcation 	Accessories • Carrying bag for sticks	
 Short-circuiting cable Length (m)	 Carrying bag for sticks Canvas bag for equipment 	
 Short-circuiting cable Length (m) Dia. or section (mm, mm²) Grounding cable Length (m) Dia. or section (mm, mm²) Connection of cables on clamps, earth clamps, trifurcation Direct connection by screw and nut Connection by means of crimped lugs Earth clamp, type	 Carrying bag for sticks 	
 Short-circuiting cable Length (m) Dia. or section (mm, mm²) Grounding cable Length (m) Dia. or section (mm, mm²) Connection of cables on clamps, earth clamps, trifurcation Direct connection by screw and nut Connection by means of crimped lugs Earth clamp, type	 Carrying bag for sticks Canvas bag for equipment Carrying case for equipment Cable reel 	
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