

# Solderless Earth Connection for MV Cable Metallic Screens



## RSEK

RSEK solderless earth connection kits provide a quick and safe connection point from copper tape screens and/or armours on medium voltage cables up to 42kV.

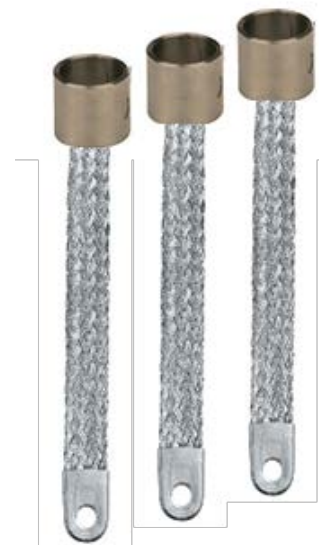
The kits use constant force springs to clamp tinned copper braids which can then be connected to earth points.

Kits are available for both single and 3 core cables.

Single core kits have two sets of constant force springs – one for the copper tape screen and one for the aluminium wire armour connection.

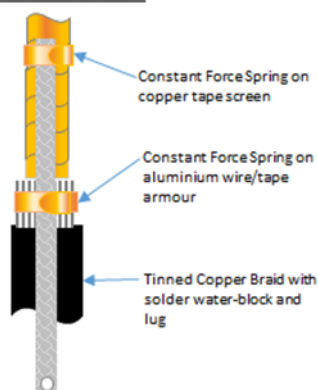
Three core kits have one set of constant force spring for connection to the copper tape screen only.

The braids are normally connected to the armours using a separate bolted gland arrangement, but if it is necessary to provide a connection to the steel wire / tape armour, then further springs can be supplied - please consult REPL sales office for this arrangement.



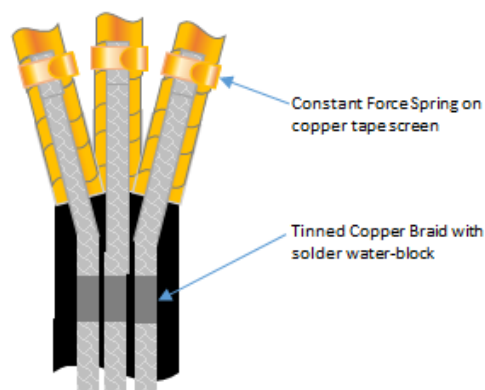
PRODUCT DIMENSIONS – RSEK Series					
Kit Number	Cable Type	Diameter Range mm	Cable Size Range – mm <sup>2</sup>		
			12kV	24kV	36kV
RSEK – 1 (1c)	1 core / AWA	14 – 22	16 – 70	35 – 50	-
RSEK – 1 (3c)	3 core / SWA	14 – 22	16 – 70	35 – 50	-
RSEK – 2 (1c)	1 core / AWA	18 – 29	70 – 240	95 – 185	-
RSEK – 2 (3c)	3 core / SWA	18 – 29	70 – 240	95 – 185	-
RSEK – 3 (1c)	1 core / AWA	31 – 50	300 – 630	240 – 630	185 – 400
RSEK – 4 (1c)	1 core / AWA	45 – 76	-	-	500 – 630

Kit for 1-core cables



RSEK1(1c)  
RSEK2(1c)  
RSEK3(1c)  
RSEK4(1c)

Kit for 3-core cables  
(connection to copper tape screen only)



RSEK1(3c)  
RSEK2(3c)

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