

HEAT SHRINKABLE SCREEN BREAK MV STRAIGHT JOINTS FOR UNARMORED SINGLE CORE POLYMERIC CABLES WITH Cu WIRE OR TAPE SCREEN  
up to U<sub>max</sub> 20,8/36 (42) kV

## Application

GTSIS1 heat-shrinkable screen break straight joints are designed for unarmored, plastic insulated cables with Cu wire or tape screen, to accommodate either crimped or mechanical connectors.

## Technical description

Strips of black mastic are used to fill the gap between the connector and the cable insulation.

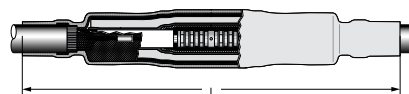
The screen cut and connector are covered by stress grading mastic.

Stress control tubing covers and overlaps the connector and screen cut area. Dual wall screened insulating tube restores the insulation and screen, up to 24kV.

For voltages 36 & 42kV an additional GT2 insulating tubing is applied over the stress control tubing.

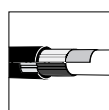
The outer sheath is restored with medium or heavy wall adhesive lined tubing depending on the market and customer specifications.

Screen break connection material is included in the kit.

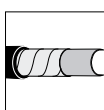


Type tested acc.:  
Cenelec HD 629.1 S2  
IEC 60502-4

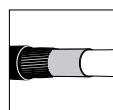
voltage Um kV	type GTSIS1.95I	application range sez. (mm <sup>2</sup> )	L (mm)
17	17 GTSIS1.95I	25-95	600
17	17 GTSIS1.240I	95-240	600
17	17 GTSIS1.630I	240-630	750
17	17 GTSIS1.1000I	630-1000	1000
17	17 GTSIS1.1600I	1000-1600	1200
24	24 GTSIS1.50I	25-50	600
24	24 GTSIS1.240I	50-240	600
24	24 GTSIS1.400I	150-400	750
24	24 GTSIS1.1000I	500-1000	1000
36	36 GTSIS1.95I	35-95	750
36	36 GTSIS1.240I	70-240	1000
36	36 GTSIS1.500I	185-500	1000
36	36 GTSIS1.800I	400-800	1200
36	36 GTSIS1.1200I	630-1200	1200
42	42 GTSIS1.95I	25-95	1000
42	42 GTSIS1.240I	95-240	1000
42	42 GTSIS1.400I	185-400	1000
42	42 GTSIS1.630I	400-630	1200
42	42 GTSIS1.1000I	630-1000	1200



For cables with AL foil screen/ vapor screen please contact our sales office.



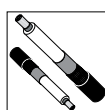
Please add a the letter "A" at the end of the product code for cables with Cu tape screen.



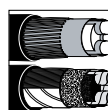
Earth kit included for cables with wire screens.



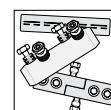
For other cable types please contact our sales office.



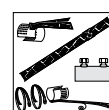
Please contact our sales office when inquiring joints for same type cables with different cross sections.



Various earth connection design solutions exist for armoring. For exact details contact our sales office.



Design accommodates various connector/ferrule types.



Various earth connection kits are available for screen connection. For exact details contact our sales office.