

HEAT-SHRINK MV SHIELD BREAK STRAIGHT JOINTS FOR UNARMORED SINGLE CORE POLYMERIC CABLES WITH Cu WIRE OR TAPE SCREEN Up to 20,8/36 (42) kV

APPLICATION

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

Nexans **GTSIS** provide screen interruption in the joint in order to separate earthing system networks (AC 20kV - impulse 70kV).

It can be supplied with single (**GTSIS "L"**) or double (**GTSIS "L2"**) earthing exits to allow screen transposition and cross bonding.

TECHNICAL FEATURES

Along each section, a standing voltage is induced. In ideal cross-bonding systems the three section lengths are equal, so that no residual voltage occurs and thus no screen current flows.

GTSIS W type for CWS cables

GTSIS AW type for CTS cables

GTSIS FC type for Al foil screen cables.

MC types are supplied with **GPH®** mechanical connectors.

The outer sheath is restored with heavy wall adhesive lined tubing or in case of limited space with a wrap-around sleeve with or without Al foil.



Type tested acc.
Cenelec HD 629.1
IEC 60502-4



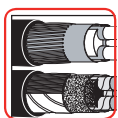
Um kV	Type	Section range (mm ²)	L (mm)	DOI insulation (mm)	DOE outer sheath (mm)
24	24GTSIS1.95W	25+95	750	18-28	24-40
	24GTSIS1.240W	70+240	750	20-36	26-48
	24GTSIS1.300W	95+300	750	22-38	28-52
	24GTSIS1.400W	185+400	1000	24-40	32-54
	24GTSIS1.630W	400+630	1000	30-46	38-60
	24GTSIS1.1000W	630+1000	1200	36-56	44-70
36	36GTSIS1.95W	25+95	750	20-32	34-44
	36GTSIS1.240W	70+240	1000	22-38	30-52
	36GTSIS1.300W	95+300	1000	24-42	34-54
	36GTSIS1.400W	185+400	1000	28-46	38-60
	36GTSIS1.630W	400+630	1200	32-52	44-66
	36GTSIS1.1000W	630+1000	1200	42-60	48-76
42	42GTSIS1.95W	25+95	750	20-34	34-50
	42GTSIS1.240W	70+240	1000	26-42	38-54
	42GTSIS1.300W	95+300	1000	28-46	40-60
	42GTSIS1.400W	185+400	1000	32-48	42-64
	42GTSIS1.630W	400+630	1200	34-56	46-68
	42GTSIS1.1000W	630+1000	1200	44-62	50-78



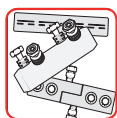
For other cable types please contact our sales office.



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

