



XSOS/ES 12-24-36

Heat Shrink Termination

upto 36 kV (for Single Core XLPE/EPR Insulated Cable)

- In house state-of-the-art compounding technology to provide maximum protection against tracking, corona discharge & dielectric stress.
- Minimises jointer's skills.
- The Products are carefully selected compositions of raw materials to meet the most stringent demands.
- We also offer tailor-made solutions against specific requirements.
- Continuous operation temperature-55°C to 120°C.
- Corrosion resistant and unlimited shelf life.
- High resistance to impact and abrasion.
- In compliance to various international specifications and standards (IEC-60502-4 / IS:13573).
- Electrolytic grade connectors.

38

Years of
Experience

34

Countries
Global
Presence

200

Plus Skilled
Manpower

4

World Class
Manufacturing
Facilities

50

Internationally
Approved
Products

DENSONS Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

Specifications:

Test Item of Heat Shrinkable Terminations as per IEC-60502-4 / IS:13573

Testing Items U o/U	6.35/11 kV	12.7/22 kV	19/33 kV
A/C withstand test	29kV, 5min, no flashover	58kV, 5min, no flashover	86kV, 5min, no flashover
Partial discharge test	11kV<2pc	22kV<2pc	33kV<2pc
Thermal Cycles (63 cycles)	under95-100° C 16kV	under95-100° C 32kV	under95-100° C 48kV
Impulse voltage test	95kV no flashover	125kV no flashover	170kV no flashover
A/C with stand test	16kV, 15 min, no flashover	32kV, 15 min, no flashover	48kV, 15 min, no flashover
Humidity test (Indoor)	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 8kV	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 16kV	No flashover, tracking erosion or mechanical damage occurred at 300hrs, 24kV
Salt Frog test (Outdoor)	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 8kV no flashover, tracking	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 16kV no flashover, tracking	No flashover, tracking erosion or mechanical damage occurred at 1000hrs, 24kV no flashover, tracking

Order Reference:

For 11 kV Indoor

	Cable Size (mm ²)	Kit Code
11 kV 1 Core Indoor Termination	1 x 16 - 50	XSES - 11
	1 x 70 - 120	XSES - 12
	1 x 150 - 300	XSES - 13
	1 x 400 - 630	XSES - 14
	1 x 800 - 1000	XSES - 15

For 11 kV Outdoor

	Cable Size (mm ²)	Kit Code
11 kV 1 Core Outdoor Termination	1 x 25 - 50	XSOS - 11
	1 x 70 - 120	XSOS - 12
	1 x 150 - 300	XSOS - 13
	1 x 400 - 630	XSOS - 14
	1 x 800 - 1000	XSOS - 15

For 22 kV Indoor

	Cable Size (mm ²)	Kit Code
22 kV 1 Core Indoor Termination	1 x 16 - 50	XSES - 211
	1 x 70 - 150	XSES - 22
	1 x 185 - 300	XSES - 23
	1 x 400 - 630	XSES - 24
	1 x 800 - 1000	XSES - 25

For 22 kV Outdoor

	Cable Size (mm ²)	Kit Code
22 kV 1 Core Outdoor Termination	1 x 16 - 50	XSOS - 21
	1 x 70 - 150	XSOS - 22
	1 x 185 - 300	XSOS - 23
	1 x 400 - 630	XSOS - 24
	1 x 800 - 1000	XSOS - 25

For 33 kV Indoor

	Cable Size (mm ²)	Kit Code
33 kV 1 Core Indoor Termination	1 x 25 - 50	XSES - 31
	1 x 70 - 185	XSES - 32
	1 x 240 - 400	XSES - 33
	1 x 500 - 800	XSES - 34
	1 x 1000	XSES - 35

For 33 kV Outdoor

	Cable Size (mm ²)	Kit Code
33 kV 1 Core Outdoor Termination	1 x 25 - 50	XSOS - 31
	1 x 70 - 185	XSOS - 32
	1 x 240 - 400	XSOS - 33
	1 x 500 - 800	XSOS - 34
	1 x 1000	XSOS - 35