



Features and Benefits

The Molex Voice Cabling system is expressly designed for voice circuits, such as blockcabling and PBX interconnections. The Molex voice cabling system provides a complete range of products to facilitate a complete voice cabling system, including; termination modules, mounting frames, distribution boxes, tester interfaces and over-voltage protection.

The Voice Cabling system is compatible with other popular cabling systems enabling integration with legacy systems for expansion or refurbishment projects.

An overvoltage system is available to protect circuits from voltage surges from lightning strikes or similar events. These modules are industry compliant and compatible with other voice cabling systems.

- Made from fibre reinforced polycarbonate
- Available unloaded or loaded with gas arrestors
- Siemens tripolar gas arrestor tube 230V
- Self loading or fully loaded magazines.
- Arrestor Magazine supplied with transparent cover to prevent accidental contact
- "Telecommunications Network Voltages" sign supplied

Technical Information

Electrical Characteristics

DC Spark-over Voltage:	190-300V
Impulse Spark-over Voltage:	<500V
Nominal Impulse Discharge Current: (wave 8/20µs)	10kA
Transverse Delay Time:	<0.2µs
Nom. Alternating Discharge Current: (50Hz, 1s)	10A
Insulation Resistance @ 100V:	>10 ⁹ megaohms
Capacitance @ 1MHz:	>1pF
Arc Voltage @ 1A:	<35V
Glow To Arc Transition Current:	<1A
Glow Voltage:	<200V
Operation Temperature:	-40°C to +100°C

Mechanical Characteristics

Housing:	PBT Self extinguishing VO grade
Contacts:	Phosphor Bronze, Silver plated
GAT Type:	3 pole with pins
Module Dimension:	23mm x 50mm x 112mm
Packaging:	10 per box
Package Weight:	800g (loaded with GAT) 600g (unloaded-without GAT)
Packade Dimensions:	220mm x 145mm x 60mm



ORDERING INFORMATION

Order No.	Description
DCN-00006	Gas Arrestor Magazine, equipped with Tripolar GAT's
DCN-00007	Gas Arrestor Magazine without GAT's
DCN-00018	Siemens tripolar gas arrestor tube 230V 3 pin

This information is correct as at the time of publication, specifications are subject to change

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