

MSA145-DEMG one-piece slip-on joint

IXOSIL joints for permanent cable connections

The well proven slip-on technology permits fast installation and the secure connection of cables with extruded insulation with copper or aluminum conductors. Using the patented SICON bolted connector allows the conductor to be connected with optimal contact force and without special tools.

- Fast installation
- Simple slip-on technology, proven in many years of service
- Water-resistant housing
- Combination of different conductor materials (aluminum, copper)
- Main insulation: Silicone



Picture may vary.

Technical Data

Type	Straight through connection with additional earthing	
Applicable standards	IEC 60840	
Max. system voltage	U_m (kV)	145
Nominal voltage	U_N	132 - 138
U_0 for Determination of Test Voltage	(kV)	64
Rated design voltage to ground	U_0 (kV)	84
AC withstand voltage - 15 min	(kV)	190
Rated lightning impulse withstand voltage BIL	(kV)	650
Heating cycles	(kV)	152
Rated power frequency withstand voltage	30 min (kV)	190
Rated short-time withstand current 1 s	1 s (kA)	63
Sectionalizer BIL - across shield	(kV)	75
Sectionalizer BIL - to ground	(kV)	37,5
Sectionalizer DC 1 min	(kV)	25
Mechanical impact according	BS 7912:2012 chapter 16.8	
Field control method	geometrical	
Metallic housing	yes	
Outer protection	PP plastic housing	