

HEAT SHRINKABLE RING TERMINAL - DIN

PART NR.

See dimensions table

COUNTRY OF ORIGIN:

China

STANDARDS:

REACH and RoHS compliant

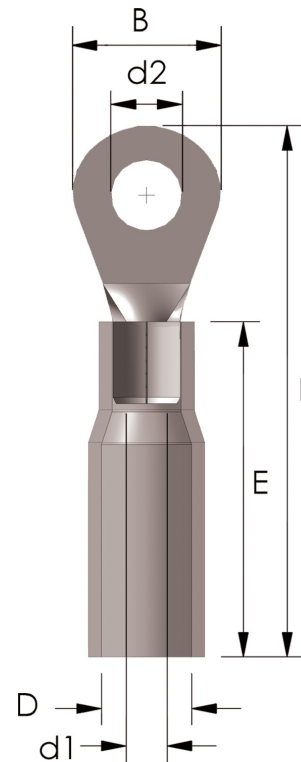
Waterproof

Conductor size according to DIN 46234

CHARACTERISTICS:

- Shrink ratio: 3:1
- Excellent conductivity property
- High transparency, high tensile strength
- Excellent stretch and mechanical damage resistance
- High elasticity keeps steady performance
- Waterproof and moisture resistance
- Operating temperature: -55~125 °C
- Minimum shrink temp.: 180 °C

PHOTO / TECHNICAL DRAWING



TECHNICAL SPECIFICATIONS

Terminal:	Copper, tin plated
Insulation:	Nylon (PA 66), with adhesive lining
Operating temperature:	-55~125 °C
Min. shrink temperature:	180 °C
Shrink ratio:	3:1
Max. electrical current:	600V

DIMENSIONS

Wire range	Part nr.	d2	B	L	E	D	d1	UL
22~18 AWG 0,5~1,5 mm ²	HS 1.25-4DIN	4,3	8,0	29,0	21,0	4,8	1,7	
	HS 1.25-5DIN	5,3	10,0	31,0	21,0	4,8	1,7	
	HS 1.25-6DIN	6,5	11,0	33,0	21,0	4,8	1,7	
	HS 1.25-8DIN	8,5	14,0	37,0	21,0	4,8	1,7	
	HS 1.25-10DIN	10,5	18,0	41,0	21,0	4,8	1,7	
16~14 AWG 1,5~2,5 mm ²	HS 2-4DIN	4,3	8,0	29,0	21,0	5,8	2,3	
	HS 2-5DIN	5,3	10,0	32,0	21,0	5,8	2,3	
	HS 2-6DIN	6,5	11,0	34,0	21,0	5,8	2,3	
	HS 2-8DIN	8,5	14,0	37,0	21,0	5,8	2,3	
	HS 2-10DIN	10,5	18,0	41,0	21,0	5,8	2,3	
12~10 AWG 4~6 mm ²	HS 5.5-4DIN	4,3	8,0	34,0	25,0	6,8	3,4	
	HS 5.5-5DIN	5,3	10,0	36,0	25,0	6,8	3,4	
	HS 5.5-6DIN	6,5	11,0	37,0	25,0	6,8	3,4	
	HS 5.5-8DIN	8,5	14,0	42,0	25,0	6,8	3,4	
	HS 5.5-10DIN	10,5	18,0	46,0	25,0	6,8	3,4	
	HS 5.5-12DIN	12,5	18,0	46,0	25,0	6,8	3,4	

HEAT SHRINKABLE RING TERMINAL

Property	Specification Requirement	Test Method	Typical Value
Tensile strength (Room temp.)	Min. 10.4Mpa	UL224	18.5Mpa
Elongation at break (Room temp.)	Min. 200%	UL224	450%
Tensile strength after aging (158°C 168hrs)	Min. 7.3Mpa	UL224	15Mpa
Elongation after aging (158°C 168hrs)	Min. 100%	UL224	220%
Voltage withstand (Un-aged)	Withstand 2.5kV for 1 minute and breakdown	UL224	Pass
Voltage withstand (Aged)	Withstand at least half of un-aged breakdown voltage for 1 minute and breakdown	UL224	Pass
Copper corrosion (158°C 168hrs)	No corrosion of bare copper	UL224	No sign of deg.
Copper stability (158°C 168hrs)	No sign of degradation (min. elongation 100%)	UL224	Pass
Cold bend (-30°C 1hrs)	No crack	UL224	Pass
Maximum secant modulus (2%)	173Mpa	UL224	Pass
Volume resistivity	Min. $10^{14}\Omega\cdot\text{cm}$	UL224	Pass
Heat shock (250°C 4hrs)	No crack	ASTM D2671	Pass
Dielectric strength	>15.8kV/mm	ASTM D2671	>25kV/mm