

DSVA ALUMINIUM THROUGH CONNECTORS

for tension connections on aluminum conductors according to DIN EN 50182

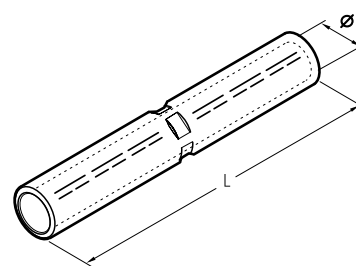


Manufactured according to DIN 46267 Part 2

Description:

- Crimping through connectors type DSVA .. are manufactured according to DIN 46267 part 2.
- The aluminum tube has a purity equal to or greater than 99.5%. The crimping through connectors are suitable for aluminum conductors according to DIN EN 50182, up to 10 kV.
- All connectors are filled with a special grease that avoids aluminum oxidation after crimp and thus guarantees an optimal compression.
- Barrels are capped for storage and transport.
- On the connector following information is shown:
 - Cembre logo
 - Connector description
 - Section
 - Number and position of crimps
 - Compression code according to DIN 48083

Surface: bright



Sections and dimensions:

Conductor Size sqmm		Code	Ref.	Dimensions mm	
rm sm	re se			Øi	L
16	25	12	DSVA16	5.8	55
25	35	12	DSVA25	6.8	70
35	50	14	DSVA35	8.0	85
50	70	16	DSVA50	9.8	85
70	95	18	DSVA70	11.2	105
95	120	22	DSVA95	13.2	105
120	150	22	DSVA120	14.7	105
150	185	25	DSVA150	16.5	125
185	240	28	DSVA185	18.3	125
240	300	32	DSVA240	21.0	145
300		34	DSVA300	23.3	145
400		38	DSVA400	26.0	210
		42	DSVA401	28.0	210
500		44	DSVA500	29.0	210
		46	DSVA501	31.0	210
600		52	DSVA625	35.0	330
800		58	DSVA800	40.0	350
1000		60	DSVA1000	44.0	350

Features of the material:

- DESIGNATION : Al 99.50
- STANDARD OF REFERENCE : DIN 1712/1976 Teil 3
- ELECTRICAL RESISTANCE AT 20°C ($\mu \cdot \Omega \cdot \text{cm}$): ≤ 2.874
- MECHANICAL FEATURES (depending on diameters dimension):
 - TENSILE STRENGTH (N/mm²) : $\geq 85 \div \leq 129$
 - ELONGATION (A5) % : $10 \div 23$

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