

AIN SLIP-ON INDOOR TERMINATION

Up to 42 kV

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV
18/30 (36) kV
20.8/36 (42) kV

Application

A kit of 3 terminations for use indoors in controlled environmental conditions and subject to light condensation. Provides a simple and quick method of stress relieving on screened polymeric cables.

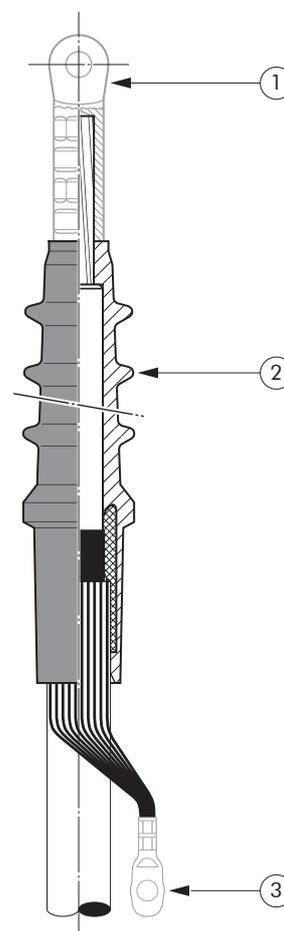
Design

Indoor termination comprising:

1. Cable lug (not included in the standard kit).
2. High flexibility silicone rubber housing, allowing larger tolerances on cable insulation diameters, with integrated conductive rubber insert, providing stress relief.
3. Earthing lug (not included in the standard kit).

Specifications and standards

Meets the requirements of CENELEC HD 629.1 and IEC 60502-4.



Termination type	Voltage U_m (kV)	Conductor sizes (mm ²)	
		min	max
AIN 10	12	25	1200
AIN 20	24	35	1200
AIN 30	36	50	1000
AIN 36	42	150	1000

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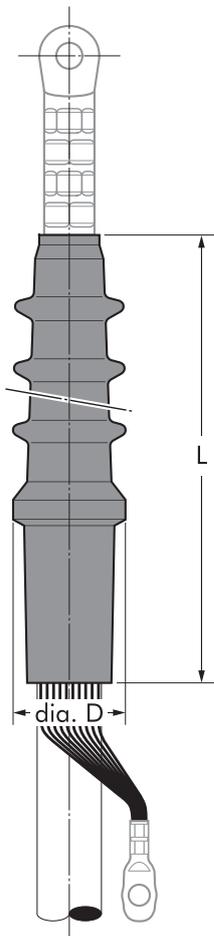
Kit contents

A kit always comprises
3 termination housings,
installation instructions, special
lubricant, wiper, adhesive tape,
field control mastic, ...

Cable lugs and earthing lugs are
not included in the standard kit,
but can be ordered separately.

Ordering instructions

Select the part number
corresponding to both the
system voltage and the cable
dimensions in mm.



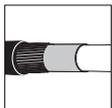
Voltage Um (kV)	Conductor sizes (mm ²)		Diameter over core insulation (mm)		Number of sheds	L (mm)	Dia. D (mm)	Ordering part number
	min	max	min	max				
12	25	95	12.7	21.0	2	150	37	3 x AIN 10-1
	120	240	19.0	28.5	2	150	43	3 x AIN 10-2
	300	500	27.0	37.0	2	150	60	3 x AIN 10-3
	630	800	34.0	46.0	3	225	68	3 x AIN 20-4
	1000 1200		39.0	50.0	7	405	98	3 x AIN 36-5
24	35	70	18.0	23.5	3	225	47	3 x AIN 20-1
	95	240	22.5	33.0	3	225	56	3 x AIN 20-2
	300	500	31.0	41.0	3	225	68	3 x AIN 20-3
	400	630	34.0	46.0	3	225	68	3 x AIN 20-4
	630	800	39.0	50.0	7	405	98	3 x AIN 36-5
	1000	1200	46.0	58.0	7	405	98	3 x AIN 36-6
36	50	70	23.5	29.0	6	300	74	3 x AIN 30-1
	95	240	27.0	38.0	6	300	74	3 x AIN 30-2
	240	400	32.0	43.0	6	300	81	3 x AIN 30-3
	400	630	39.0	50.0	7	405	98	3 x AIN 36-5
	630	1000	46.0	58.0	7	405	98	3 x AIN 36-6
42	150	300	31.5	41.0	7	405	98	3 x AIN 36-4
	400	630	39.0	50.0	7	405	98	3 x AIN 36-5
	630	1000	46.0	58.0	7	405	98	3 x AIN 36-6

Example:

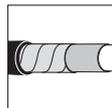
A set of 3 indoor terminations
for a 24 kV - 240 mm² stranded
aluminium cable with copper wire
screen without cable lugs.

The diameter over core insulation
is 30.4 mm.

Order a 3 x AIN 20-2
termination kit.



For use with copper
wire screened cables.
No earthing
device is
necessary.



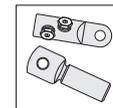
For use with
copper tape
screened cables.
Order: -/MT.



For use with
three-core cables.
Please contact our
representative.



For use with other
cable types.
Please contact our
representative.



Can be supplied with
all common types of
cable lugs.



No heating or flame
is required.