

ARE4H5(GS)EX

Three-cores, overall aluminium screen, GAALSHOCK inner sheath 12/20 kV up to 18/30 kV



Construction:

Conductor:	stranded plain aluminium conductor Cl.2, acc. to IEC 60228
Insulation:	XLPE type DIX8
Inner semi-conductive layer:	extruded compound
Outer semi-conductive layer:	extruded compound
Wrapping:	semi-conductive watertight tape
Screen:	aluminium tape
Armour:	GAALTHERM® 600 (GAALSHOCK technology)
Outer sheath:	red(RAL 3000), PE type DMP

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1

Technical data:

Nominal voltage:	12/20 kV up to 18/30 kV
Test voltage:	12/20 kV = 29 kV 18/30 kV = 43 kV
Temperature range:	-25 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	20 x d

Features:

according to IEC 60502-2

GAALSHOCK PROTECTION:

- 1: Excellent mechanical protection than steel
- 2: Reduced weight
- 3: Installation, storage and transport reduced costs

INDUSTRIAL MEDIUM VOLTAGE CABLES

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Three-cores, overall aluminium screen, GAALSHOCK inner sheath I2/20 kV up to I8/30 kV



12/20 kV

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no. *)
48150UR1030M65	3 x 1 x 50	69	2430	1
48150UR1030M66	3 x 1 x 70	71	2660	2/0
48150UR1030M67	3 x 1 x 95	74	3010	3/0
48150UR1030M68	3 x 1 x 120	76,4	3300	4/0
48150UR1030M69	3 x 1 x 150	79	3640	250 MCM
48150UR1030M70	3 x 1 x 185	82,6	4120	350 MCM
48150UR1030M71	3 x 1 x 240	88	4770	450 MCM
48150UR1030M72	3 x 1 x 300	95,2	5730	550 MCM

18/30 kV

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no. *)
48150XR1030M65	3 x 1 x 50	81,4	3330	1
48150XR1030M66	3 x 1 x 70	81,6	3450	2/0
48150XR1030M67	3 x 1 x 95	43,6	3730	3/0
48150XR1030M68	3 x 1 x 120	85,8	4050	4/0
48150XR1030M69	3 x 1 x 150	87,2	4310	250 MCM
48150XR1030M70	3 x 1 x 185	90,2	4740	350 MCM
48150XR1030M71	3 x 1 x 240	94,8	5440	450 MCM
48150XR1030M72	3 x 1 x 300	101,8	6360	550 MCM

Other dimensions and colours available on request.