H01N2-D

CAVI PER SALDATRICI (ARC WELDING CABLES)

Model Product: 256 - 20250311

CABLES FOR ARC WELDING WITH NORMAL FLEXIBILITY

Flexible conductor bare or tinned copper, class 6.
Paper tape.
Elastomeric mixture Insulation in EM5 quality.

STANDARDS

CEI EN 50525-2-81 CEI 20-19/6 (CENELEC HD 22.6 S2)
CEI EN 60332-1-2 (CEI 30-35) BS EN 60332-1-2 NF EN 60332-1-2 DIN EN 60332-1-2
EN 60811-404

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 3)

Nominal voltage U0: 100 V
Nominal voltage U: 100 V
Test voltage: 1000 V
Maximun operating temperature: +85°C
Maximun short circuit temperature: +250°C
Minimum installation and laying temperature: -20°C
Min. operating temperature (without mechanical shocks): -35°C

CORE COLOURS

Single core: Black ; On request Red

INK MARKING

GENERAL CAVI - IEMMEQU <HAR> - H01N2-D - year

COMMON FEATURES

For portable electrode-carriers use. It's primary to follow the table's data of the user guide CEI 20-40 in merit to the service cycles, the intensities of current and the voltage fall. In order to reduce the effects of the alternating current on the voltage fall, the cables forming the welding circuit must be maintained as close as possible.For use in the automobile industry,in shipbuilding in transport and conveyor,tool marking machinery, welding robots ect.. They are suitable for use in dry and damp conditions.Outdoor use for a limited.

NOTE

Characteristics Particular in protected/fixed installation and without mechanical stresses minimum use temperature -40 ° C
CEI 20-40 "Guide for the correct use of low voltage cables"
Oil resistant to EN 60811-404
Being black cables are particularly suitable for resistance to UV rays.
The cable also maintains its high flexibilty under the effect of ozone, light, oxygen, inert gas, oil or petrol.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):
6D
During installation, when the cable is pulled, it has not to revolve about its axis

Maximum pulling stress: 50 Nmm²

PACKING

100mt. rings in thermoplastic film or drums to agree.

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Cores number	Cross section	Approx conductor diameter	Insulation medium thickness	External diameter		Approx cable weight	Electric resistance at 20°C red copper	Current carrying capacities 85°C	
				Minimum	maximum			Continuous Load 100%	Intermittent load 85%
(N°)	(mm²)	(mm)	(mm)	(mm)	(mm)	(kg/km)	(Ohm/km)	(A)	(A)
Single core									
1x	10	4.2	2.0	7.7	9.7	148	1.91	100	101
1x	16	5.3	2.0	8.8	11.0	207	1.21	135	138
1x	25	6.2	2.0	10.1	12.7	289	0.780	180	186
1x	35	7.7	2.0	11.4	14.2	380	0.554	225	235
1x	50	9.0	2.2	13.2	16.5	532	0.386	285	299
1x	70	10.7	2.4	15.3	19.2	730	0.272	355	375
1x	95	12.8	2.6	17.1	21.4	955	0.206	430	456
1x	120	15.0	2.8	19.2	24.0	1184	0.161	500	532
1x	150	16.5	3.0	21.1	26.4	1466	0.129	580	619
1x	185	17.9	3.2	23.1	28.9	1760	0.106	665	711
1x	240*	20.1	3.4	25.8	32.1	2010	0.0801	780	836

MINIMUM ORDER QUANTITY

*No IMQ <HAR>