



Welding cable H01N2-D/- E acc. to EN 50525-2-81



Application: In dry, damp and wet rooms as welding cable for machine or hand operation.



bare copper



maximum temperature at conductor: 85°C



max. operating temperature, fixed: -20 - +85°C



nominal voltage U_0 : 100 V



nominal voltage U : 100 V



test voltage: 1 kV



flame retardant:
VDE 0482-332-1-2/IEC 60332-1



oil resistant: EN 60811-2-1

Construction

conductor material: bare copper

sheathing material: rubber (CR) EM5

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current rating

operation modus	permanent	periodical						
operation cycle	-	5 min.						
load factor	100%	85%	80%	60%	35%	20%	8%	
cross-section	current rating A							
	10	96	97	98	102	114	137	198
	16	130	132	134	142	166	204	301
	25	173	179	181	196	234	293	442
	35	216	226	229	250	304	384	584
	50	274	287	293	323	398	508	779
	70	341	360	398	409	510	655	1011
	95	413	438	448	502	632	816	1266
	120	480	511	523	588	745	966	1501
	150	557	594	609	687	875	1137	1771
	185	638	683	700	793	1012	1319	2059

p/n	part name	D _A [mm]	Cu [kg/km]	G [kg]	p/n	part name	D _A [mm]	Cu [kg/km]	G [kg]
H01N2-D - cable with normal flexibility					H01N2-E - cable with high flexibility				
060008	H01N2-D 01X16 SW	9,2	220	154	060022	H01N2-E 01X10 SW	6,9	122	96
060009	H01N2-D 01X25 SW	10,5	300	240	060015	H01N2-E 01X16 SW	7,9	235	154
060010	H01N2-D 01X35 SW	12,1	410	336	060023	H01N2-E 01X25 SW	9,4	282	240
060011	H01N2-D 01X50 SW	13,5	560	480	060017	H01N2-E 01X35 SW	10,5	363	336
060012	H01N2-D 01X70 SW	16,2	770	672	060024	H01N2-E 01X50 SW	12,8	534	480
060013	H01N2-D 01X95 SW	18,5	1050	912	060019	H01N2-E 01X70 SW	14,2	716	672
060014	H01N2-D 01X120 SW	20,1	1290	1152	060020	H01N2-E 01X95 SW	16,8	1012	912
060016	H01N2-D 01X150 SW	22,5	1590	1440	060025	H01N2-E 01X120 SW	18,2	1240	1152
060018	H01N2-D 01X185 SW	24,4	1916	1776	060026	H01N2-E 01X150 SW	19,8	1442	1440
060029	H01N2-D 01X240 SW	29,5	2540	2304	060027	H01N2-E 01X185 SW	21,2	1867	1776

DA: outer diameter

G: weight

Cu: copper