114-20016-1

TESTED WIRES FOR MONO SHAPE MK I CONNECTORS - ACCORDING TO APPLICATIONS

SPEC. 114-20016

IDC - WIRES /SUPPLIERS FOR MONO SHAPE MK I CONNECTORS

ISSUED BY Engineering Household Appliances CIS

Manufacturer	Wire description	Nominal section [mm²]	Number of wires / FINISH	OUTSIDE diameter +/- 0.1	Insulation material	lenght of lay	Insulation material hardness	Cabling - MachineGATD Application Tooling: Pistol Grip	Benchpress	JIT	MHM	FSHM	IHM MK I-II III & III+	SIM 51 or 52 , 502 FAMILY
BAOHING	UL 1015 AWG 20	0,50	10x 0,254 / bare	2.50	PVC	-	91±2 shore A	-	-	-	-	-	-	yes
	H05V-K 0.5mm² (HDSBH-201/3-SWR)	0.50	20 x 0.18/bare	2.2 ±0.1	PVC	20-30	92 ±3 shore A	-	-	-	-	-	-	yes
	H05V-K 0.75mm² (HDSBH-202/3--SWR)	0.75	24 x 0.20/bare	2.4 ± 0.1	PVC	20-30	95 ±3 shore A	-	-	-	-	-	-	yes
	UL1015 20AWG	20AWG	10 x 0.254/ bare	2.50±0.1	PVC	20-30	91 ±2 shore A	-	-	-	-	-	-	yes
	H05V2-K 1.0 mm² 90° (HDSBH-206/3-SWR)	1.00	32 x 0.20/bare	2.6 ±0.1	PVC	20-30	92 ±3 shore A	-	-	-	-	-	-	yes
	H05V-K 1,0mm² 70° (HDSBH-206/3-SWR)	1.00	32 x 0.20/bare	2.6 ±0.1	PVC	20-30	92 ±3 shore A	-	-	-	-	-	-	yes
Ege Kablo OOO "EKINLER" Rusya	H05V-K or H05V2-K	0,50	16 x 0,20 / bare	2.10	PVC		90+2 -2 shore A	yes	-	-	-	yes	yes	yes
ELETTROBRESCIA	H05V-K or H05V2-K	0.5	19 x 0,18 / bare	2.10	PVC		-	yes	-	-	-	yes	yes	
	H05V-K or H05V2-K	0,75	24 x 0,19 / bare	2.30	PVC		-	yes	-	-	-	yes	yes	
	H07V-K or H07V2-K	1,00	29 x 0,20 / bare	2.45	PVC		-	yes	-	-	-	yes	yes	
	H07V-K or H07V2-K	1,50	30 x 0,24 / tinned	2.85	PVC		-	yes	-	-	-	yes	yes	
Hubei Aerospace	UL 1015 AWG 20	0,5	10x 0,254 / bare	2.48-2.65	PVC	25.40	91±2 shore A	-	-	-	-	-	-	yes
ICEL	H05V-K 1x0,50	0.50	16 x 0,20 / tinned	2.15	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K	0,75	22 x 0,20 / bare	2.25	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V-K 105° 1,50mm²	1,50	27 x 0,25 / tinned	2.90	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K	1,00	29 x 0,20 / bare	2.45	PVC		-	yes	-	yes	yes	yes	yes	-
IRCE	H05V-K or H05V2-K	0.5	16 x 0,20 / tinned	2.15	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K or H05V2-K	0,75	22 x 0,20 / bare	2.25	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K or H05V2-K	1,00	29 x 0,20 / bare	2.45	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H07V-K or H07V2-K	1,50	27 x 0,25 / tinned	2.90	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	Style 1569 AWG 16/30	1,31	30 x 0,25 / tinned	3.00	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	Style 1569 AWG 20/19	0.52	19 x 0,198 / tinned	2.10	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
LEONI	H05V2-K 0,5mm² W	0,50	19 x 0,18 / bare	2.10	PVC	35 +/- 3	-	yes	-	yes	yes	yes	yes	-
	LI2X 1x0,5/19/2,1 BL	0.50	19 x 0,19 / bare	2.10	PVC	35 +/- 3	-	yes	-	yes	yes	yes	yes	-
	H05V-K 1x0,5 RD	0.50	16 x 0,20 / bare	2.10	PVC	35 +/- 3	95 +/- 3 shore A	yes	-	-	yes	-	yes	-
	Lo5V-R 1x0,5 SN IDC	0.50	7 x 0,30 / tinned	2.10	PVC	35 +/- 3	-	yes	-	yes	yes	yes	yes	-
	H05V2-K 1x0,50mm² SN	0.50	16 x 0,20 / tinned	2.15	PVC	35 +/- 3	-	yes	-	yes	yes	yes	yes	-
	H05V-K 0,75mm²	0.75	24 x 0,19 / bare	2.40	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K 0,75mm² W	0.75	24 x 0,19 / bare	2.35	PVC		-	yes	-	yes	yes	yes	yes	-
	LiYW 0,8mm² AWG 18 UL 1569 CSA T1 105°C 300V	0.82	16 x 0,25 / tinned	2.00	PVC		-	yes	-	yes	yes	yes	yes	-
	LIX 0,96 VZ AWG18/19 UL 1430	0.96	19 x 0,25 / tinned	2.10	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V-K 1mm² vz	1,00	32 x 0,19/ tinned	2.75	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V-K 1,5mm² vz	1,50	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V2-K 1,5mm²	1,5	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
	LiYW 1,5 VZ AWG 16/30SKT UL1569T1	1,50	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
MANEX	H5V2-K 90° PN:12823	0.50	16 x 0.21/tinned	2.50	PVC	44.20	93 shore A	-	-	-	-	-	yes	-
	H05 V-K 70° PN:12752	0.75	16 x 0.21/tinned	2.70	PVC	49.50	93 shore A	-	-	-	-	-	yes	-
	H05V2-K 1,0mm² 90°	1.00	32x0.21/tinned	2.80	PVC	20.00	94 shore A	-	-	-	-	yes	yes	yes
NEXANS	H05V-K or H05V2-K	0.50	14 x 0,21 / bare	2.15	PVC		-	yes	-	-	-	-	-	yes
	H05V-K or H05V2-K	0,75	21 x 0,21 / bare	2.25	PVC		-	yes	-	-	-	-	-	yes
	H05V-K or H05V2-K	1,00	28 x 0,21 / bare	2.45	PVC		-	yes	-	-	-	-	-	yes
	H07V-K or H07V2-K	1,50	28 x 0,475 / tinned	2.85	PVC		-	yes	-	-	-	-	-	yes
OMERIN	Varpen F	0,75	24x0,20tinned	2.10	silisol		-	yes	-	-	-	-	yes	-
PRYSMIAN	EURELECTRIC type H05V-K for 70°C	0,50	14 x 0,21 / bare	2.15	PVC		95 +/- 3 shore A	yes	-	-	-	-	yes	-
	EURELECTRIC type H05V-K for 70°C	0,75	21 x 0,21 / bare	2.30	PVC		95 +/- 3 shore A	yes	-	-	-	-	yes	-
	EURELECTRIC type H05V2-K for 70°C	1,00	27 x 0,21 / bare	2.50	PVC		95 +/- 3 shore A	yes	-	-	-	-	yes	-
SUZHOU BAOHING	H05V2-K 0.50mm² 90° (HDSBH-204/3-SWR)	0.50	20 x 0.18/bare	2.20	PVC	21.00	89±3 shore A	-	-	-	yes	yes	-	-
	H05V2-K 0.750mm² 90° (HDSBH-205/3-SWR)	0.75	24 x 0.2/bare	2.40	PVC	29.00	89±3 shore A	-	-	-	yes	yes	-	-
VERCAVI	FR3/2	0.50	16 x 0,19 / bare	2.10	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K SEZ 1x0,50	0.50	16 x 0,19 / bare	2.10	PVC		91±3 shore A	yes	-	yes	yes	yes	yes	
	H05V-K SEZ 1x0,75	0.75	24 x 0,193 / bare	2.35	PVC		91±3 shore A	yes	-	yes	yes	yes	yes	
	H05V-K SEZ 1x0,5 Stagnato	0.50	16 x 0,19 /tinned	2.10	PVC		91±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K SEZ 1x0,75 Stagnato	0.75	24 x 0,193 /tinned	2.35	PVC		91±3 shore A	yes	-	yes	yes	yes	yes	-
	FR3/2 HT 105 SEZ 1x0,75	0.75	24 x 0,19 / bare	2.35	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	D.I.H05V2-K SEZ.1x0,75 DI-1075-05V2K-90	0.75	24 x 0,193 / bare	3.10	PVC		92±3 shore A	yes	-	-	-	yes	yes	-
	H05V-K SEZ 1x0,75	0.75	24 x 0,19 / bare	2.35	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K 1mm² vz	1,00	32 x 0,19/ tinned	2.90	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V2-K	1,00	29 x 0,20 / bare	2.90	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-

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TESTED WIRES FOR MONO SHAPE MK II CONNECTORS - ACCORDING TO APPLICATIONS SPEC. 114-20111 (FOR MULTIPLE WIRE TERMINATION) AND 114-20104 (FOR ONE BY ONE WIRE TERMINATION)

Manufacturer	Wire description	Nominal section [mm²]	Number of wires / FINISH	OUTSIDE diameter	Insulation material	lenght of lay	Insulation material hardness	Pistol Grip	Benchpress	SIM 51 or 52 FAMILY	IHM MK III	MHARA	FSHM	IHM MK III +
Ege Kablo OOO "EKINLER" Rusya	H05V-K or H05V2-K	0,5	16 x 0,20 / bare	2.10	PVC		90+2 -2 shore A	yes	-	yes	-	-	-	-
	H05V-K or H05V2-K	0,75	24 x 0,20 / bare	2.20	PVC		90+2 -2 shore A	yes						
	H07V-K or H07V2-K	1,00	30 x 0,20 / bare	2.40	PVC		90+2 -2 shore A	yes	-	yes	-	-	-	-
	H07V-K or H07V2-K	1,50	30 x 0,25 / bare	2.70	PVC		90+2 -2 shore A	yes	-	yes	-	-	-	-
ELETTROBRESCIA	H05V-K or H05V2-K	0.5	19 x 0,18 / bare	2.10	PVC		-	yes	-	yes	-	-	-	-
	H05V-K or H05V2-K	0,75	24 x 0,19 / bare	2.30	PVC		-	yes	-	yes	-	-	-	-
	H07V-K or H07V2-K	1,00	29 x 0,20 / bare	2.45	PVC		-	yes	-	yes	-	-	-	-
	H07V-K or H07V2-K	1,50	30 x 0,24 / tinned	2.85	PVC		-	yes	-	yes	-	-	-	-
ICEL	H05V-K 1x0,50	0.50	16 x 0,20 / tinned	2.15	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K	0,75	22 x 0,20 / bare	2.25	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V-K 105° 1,50mm²	1,50	27 x 0,25 / tinned	2.90	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K	1,00	29 x 0,20 / bare	2.45	PVC		-	yes	-	yes	yes	yes	yes	-
IRCE	H05V-K or H05V2-K	0.5	16 x 0,20 / tinned	2.15	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K or H05V2-K	0,75	22 x 0,20 / bare	2.25	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K or H05V2-K	1,00	29 x 0,20 / bare	2.45	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	H07V-K or H07V2-K	1,50	27 x 0,25 / tinned	2.90	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	Style 1569 AWG 16/30	1,31	30 x 0,25 / tinned	3.00	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
	Style 1569 AWG 20/19	0.52	19 x 0,198 / tinned	2.10	PVC		92+5 -3 shore A	yes	-	yes	yes	yes	yes	-
LEONI	H05V2-K 0,5mm² W	0,50	19 x 0,18 / bare	2.10	PVC		-	yes	-	yes	yes	yes	yes	-
	LI2X 1x0,5/19/2,1 BL	0.50	19 x 0,19 / bare	2.10	PVC		-	yes	-	yes	yes	yes	yes	-
	Lo5V-R 1x0,5 SN IDC	0.50	7 x 0,30 / tinned	2.10	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K 1x0,50mm² SN	0.50	16 x 0,20 / tinned	2.15	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V-K 0,75mm²	0.75	24 x 0,19 / bare	2.40	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V2-K 0,75mm² W	0.75	24 x 0,19 / bare	2.35	PVC		-	yes	-	yes	yes	yes	yes	-
	LiYW 0,8mm² AWG 18UL 1569 CSA T1105°C 300V	0.82	16 x 0,25 / tinned	2.00	PVC		-	yes	-	yes	yes	yes	yes	-
	LIX 0,96 VZ AWG18/19 UL 1430	0.96	19 x 0,25 / tinned	2.10	PVC		-	yes	-	yes	yes	yes	yes	-
	H05V-K 1mm² vz	1,00	32 x 0,19/ tinned	2.75	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V-K 1,5mm² vz	1,50	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
	H07V2-K 1,5mm²	1,5	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
	LiYW 1,5 VZ AWG 16/30SKT UL1569T1	1,50	30 x 0,24 / tinned	2.95	PVC		-	yes	-	yes	yes	yes	yes	-
NEXANS	FIL DI 0.50 mm² NO	0,50	16 X 0.20 / tinned	2.40	PVC	28 mm	-	-	-	yes	-	-	yes	-
PRYSMIAN	HO5V-K_Speedy	0,50	16 x 0,20 / tinned	2.30	PVC		-	yes	-	yes	-	-	-	-
	H05V2-K	0,50	16 x 0,20 / tinned	2.30	PVC		-	yes	-	yes	-	-	-	-
	H05V2-K	0,75	24 x 0,19 / tinned	2.40	PVC		-	yes	-	yes	-	-	-	-
	NO7V-K_SpeedyFlam	1,00	32 x 0,19/ tinned	3.20	PVC		-	yes	-	yes	-	-	-	-
SUZHOU BAOHING	H05V2-K 0.50mm² 90° (HDSBH-204/3-SWR)	0.50	20 x 0.18/bare	2.20	PVC	21.00	89±3 shore A	-	-	-	yes	-	-	-
	H05V2-K 0.750mm² 90° (HDSBH-205/3-SWR)	0.75	24 x 0.2/bare	2.40	PVC	29.00	89±3 shore A	-	-	-	yes	-	-	-
TELE-FONIKA	H05V2-K 0.5 105°C	0.50	16 x 0,20 / bare	2.10	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K 0,50mm²	0.50	16 x 0,20 / bare	2.10	PVC	20-30 mm	90- 92 shore A	-	-	yes	-	-	yes	-
	H05V2-K 0.75 105°C	0.75	24 x 0,2 / bare	2.30	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K 0,75mm²	0.75	24 x 0,2 / bare	2.30	PVC	20-30 mm	90-92 shore A	-	-	yes	-	-	yes	-
	H05V2-K 1.0 105°C	1,00	32 x 0,19/ tinned	2.60	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K 1,0mm²	1.00	32 x 0,2/ bare	2.50	PVC	20-30 mm	90- 92 shore A	-	-	yes	-	-	yes	-
	H07V2-K 1,5 105°C	1,5	30 x 0,25 / tinned	2.90	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
VER CAVI	FR3/2	0.50	16 x 0,19 / bare	2.10	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K SEZ 1x0,5 Stagnato	0.50	16 x 0,19 / bare	2.10	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	FR3/2 HT 105 SEZ 1x0,75	0.75	24 x 0,19 / bare	2.35	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K SEZ 1x0,75	0.75	24 x 0,19 / bare	2.35	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V-K 1mm² tinned	1,00	32 x 0,19/ tinned	2.65	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-
	H05V2-K	1,00	29 x 0,20 / bare	2.65	PVC		92±3 shore A	yes	-	yes	yes	yes	yes	-

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NOTE: THIS LIST RESUMES WIRES TYPE SUITABLE FOR TE PRODUCTS MONO SHAPE MK I & II, IN ANY CASE TE APPLICATION SPEC 114 SERIES AND THE INSTRUCTION HEREIN REPORTED MUST BE USED AND FOLLOWED FOR HARNESSES PROCESS.