

# H03VV-F, 03VV-F\*

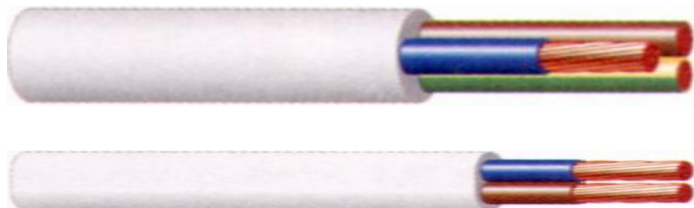
# H03VVH2-F, 03VVH2-F\*

## 300/500V



DIN VDE 0281-5, BS 6500,  
NF C 32-201-5, PN-HD 21.5 S3

### PVC insulated and sheathed flexible cords



## CONSTRUCTION

<b>Conductors:</b>	annealed copper, class 5 flexible conductor acc. to EN 60228
<b>Insulation:</b>	PVC type TI2
<b>Sheath:</b>	PVC type TM2

## CHARACTERISTIC

<b>Colour of sheath:</b>	white, black, grey
<b>Core identification:</b>	
2-core:	blue, brown
3-core:	green-yellow, blue, brown
4-core:	green-yellow, brown, black, grey
5-core*:	green-yellow, blue, brown, black, grey
<b>Maximum conductor operating temperature:</b>	+70°C
<b>Lowest ambient temperature for fixed installation:</b>	-40°C
<b>Lowest installation temperature:</b>	-5°C
<b>Maximum short-circuit conductor temperature:</b>	+150°C
<b>Minimum bending radius:</b>	6 x D, D – overall diameter
<b>Test voltage:</b>	2000V
<b>Flame retardant:</b>	IEC 60332-1-2

\*based on norm

## APPLICATIONS

In domestic premises, kitchens, offices; for household appliances, including in damp premises; for medium duties (eg. washing machines, spin dryers, and refrigerators).

<b>Standard length cable packing</b>	500 or 1000m on drums. Other forms of packing and delivery are available on request
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### H03VV-F, 03VV-F\*

Number and cross-sectional area of conductor	Maximum diameter of wires in conductor	Nominal thickness of insulation	Nominal thickness of sheath	Approximate overall diameter	Approximate net weight of cables	Maximum conductor resistance at temperature 20°C
n x mm <sup>2</sup>	mm	mm	mm	mm	kg/km	Ω/km
2x0,5	0,21	0,5	0,6	5,0	34	39,0
2x0,75	0,21	0,5	0,6	5,4	41	26,0
2x1*	0,21	0,5	0,6	5,6	47	19,5
2x1,5*	0,25	0,5	0,9	6,8	70	13,3
3x0,5	0,21	0,5	0,6	5,3	40	39,0
3x0,75	0,21	0,5	0,6	5,7	50	26,0
3x1*	0,21	0,5	0,6	5,9	58	19,5
3x1,5*	0,25	0,5	0,9	7,2	85	13,3
4x0,5	0,21	0,5	0,6	5,8	49	39,0
4x0,75	0,21	0,5	0,6	6,3	61	26,0
5x0,75*	0,21	0,5	0,7	7,1	79	26,0

\*based on norm

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Number and cross-sectional area of conductor	Maximum diameter of wires in conductor	Nominal thickness of insulation	Nominal thickness of sheath	Approximate overall diameter	Approximate net weight of cables	Maximum conductor resistance at temperature 20°C
n x mm <sup>2</sup>	mm	mm	mm	mm	kg/km	Ω/km
2x0,5	0,21	0,5	0,6	3,1 x 5,1	25	39,0
2x0,75	0,21	0,5	0,6	3,3 x 5,4	31	26,0
2x1*	0,21	0,5	0,6	3,4 x 5,6	36	19,5
2x1,5*	0,25	0,6	0,8	4,3 x 7,0	55	13,3

\*based on norm

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**Current rating**

Cross-section, mm <sup>2</sup>	Current ratings in Ampere (A)	
	Single phase	Three phase
0,5	3	3
0,75	6	6

These values apply to the majority of cases. Further information should be sought in unusual cases e.g.:

- when high ambient temperatures are involved, ie. above 30°C
- where long lengths are used
- where ventilation is restricted

where the cords are used for other purposes, eg. internal wiring of apparatus.



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