

H07V-U Eca / H07V-R Eca

Contact

Sales
Phone: 02 363 27 17
sales.equipment-cables@nexans.com

H07V-U Eca and H07V-R Eca are standard installation wires insulated with PVC for 450/750V AC or 1kV DC. H07V-U Eca has a solid class 1 core, H07V-R Eca has a stranded class 2 core. H07V-U/R Eca is intended for protected fixed domestic and industrial installations. Installation may be in pipes or in closed gutters that are embedded in the wall or floor or on a surface. H07V-U/R Eca slides well and is therefore easy to pull into pipes. In addition, H07V-U/R Eca is easy to strip, making it quick to process. The wire can be loaded to a maximum wire temperature of 70°C. H07V-U Eca and H07V-R Eca comply with fire reaction class class Eca according to EN 50575. H07V-U Eca in sections 1.5 and 2.5 mm² is also available in the moisture-resistant coloured VOBbox of length 100m.

DESCRIPTION

Application

- PVC-insulated conductors for fixed installations
- Domestic and industrial
- Panel wiring
- Rated voltage up to and including 450/750 V

Design

1. Copper core, solid (U) or stranded (R)
2. PVC insulating sheath

Installation

- In industries
- In houses
- Suitable for installation in electrical installation in conduits, pipes or similar closed systems - surface or flush mount



STANDARDS

International EN 50525-2-31;
IEC 60228



Halogen free
No



Rated Voltage U_o/U (U_m)
450 / 750 V



Max. conductor temp. in service
70 °C



Operating temp.
0 - 60 °C



Chemical resistance
Medium

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Insulation	PVC
Halogen free	No

Electrical characteristics

Rated Voltage U _o /U (Um)	450 / 750 V
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Usage characteristics

Field of application	Indoor
Max. conductor temperature in service	70 °C
Operating temperature, range	0 - 60 °C
Resistance to vibrations	Moderate
Chemical resistance	Medium

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Wire colour	Conductor cross-section [mm ²]
☎ 10541987	-	07V-U Eca 1.5 BLACK/WHITE D100 P24km	Black / white	1.5
📦 10542007	-	H07V-U Eca 1.5 WHITE D100 P24km	White	1.5
☎ 10542788	-	H07V-R Eca 300 GN/YE	Green / yellow	300
📦 10543751	-	H07V-R Eca 16 GN/YE R100 P3.6km	Green / yellow	16
📦 10557164	-	H07V-R Eca 16 GN/YE B500 P2km	Green / yellow	16
📦 10533144	-	H07V-R Eca 10 BLUE R100 P3.6km	Blue	10
📦 10533145	-	H07V-R Eca 10 BLACK R100 P3.6km	Black	10
📦 10533146	-	H07V-R Eca 10 BROWN R100 P3.6km	Brown	10
📦 10533147	-	H07V-R Eca 10 GN/YE R100 P3.6km	Green / yellow	10
📦 10533148	-	H07V-R Eca 16 BLUE D100 P4.8km	Blue	16
📦 10533149	-	H07V-R Eca 16 GN/YE	Green / yellow	16
📦 10533261	-	H07V-R Eca 25 GN/YE	Green / yellow	25
📦 10533262	-	H07V-R Eca 25 GN/YE D500 P2km	Green / yellow	25
📦 10533263	-	H07V-R Eca 25 GN/YE R100 P2.1km	Green / yellow	25
📦 10533264	-	H07V-R Eca 25 BLACK R100 P2.1km	Black	25
📦 10533265	-	H07V-R Eca 35 GN/YE	Green / yellow	35
📦 10533266	-	H07V-R Eca 35 GN/YE R100 P2km	Green / yellow	35
📦 10533267	-	H07V-R Eca 50 GN/YE	Green / yellow	50
📦 10533268	-	H07V-R Eca 50 BLACK	Black	50
📦 10533269	-	H07V-R Eca 70 GN/YE	Green / yellow	70
📦 10533270	-	H07V-R Eca 70 BLACK	Black	70
📦 10533271	-	H07V-R Eca 95 GN/YE	Green / yellow	95
📦 10533272	-	H07V-R Eca 95 BLACK	Black	95
📦 10533273	-	H07V-R Eca 120 GN/YE	Green / yellow	120
📦 10533274	-	H07V-R Eca 120 BLACK	Black	120
📦 10533275	-	H07V-R Eca 150 GN/YE	Green / yellow	150
📦 10533276	-	H07V-R Eca 185 GN/YE	Green / yellow	185

☎ = Make to order, 📦 = In stock,





















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 10533277	-	H07V-R Eca 185 BLACK	Black	185
 10533278	-	H07V-R Eca 240 GN/YE	Green / yellow	240
 10533279	-	H07V-R Eca 240 BLACK	Blue	240
 10533290	-	H07V-U Eca 4 BLUE D100 P16.5km	Blue	4
 10533291	-	H07V-U Eca 4 BLACK D100 P16.5km	Black	4
 10533292	-	H07V-U Eca 4 GN/YE D100 P16.5km	Green / yellow	4
 10533293	-	H07V-U Eca 4 RD D100 P16.5km	Red	4
 10533294	-	H07V-U Eca 4 BROWN D100 P16.5km	Brown	4
 10533295	-	H07V-U Eca 6 BLUE D100 P12km	Blue	6
 10533296	-	H07V-U Eca 6 BLACK D100 P12km	Black	6
 10533297	-	H07V-U Eca 6 GN/YE D100 P12km	Green / yellow	6
 10533298	-	H07V-U Eca 6 RD D100 P12km	Red	6
 10533299	-	H07V-U Eca 6 GN/YE	Green / yellow	6
 10533300	-	H07V-U Eca 6 BROWN D100 P12km	Brown	6
 10533307	-	H07V-U Eca 1.5 ORANGE D100 P6km	Orange	1.5
 10533308	-	H07V-U Eca 1.5 PURPLE D100 P6km	Violet	1.5
 10533311	-	H07V-U Eca 1.5 WHITE D100 P6km	White	1.5
 10533326	-	H07V-U Eca 2.5 ORANGE D100 P6km	Orange	2.5
 10533327	-	H07V-U Eca 2.5 PURPLE D100 P6km	Violet	2.5
 10533329	-	H07V-U Eca 2.5 WHITE D100 P6km	White	2.5

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SELLING AND DELIVERY INFORMATION

Other colours available upon request