

brand / type: KLOTZ AIS GmbH TITANEX® - H07RN-F - gummischlauchleitung / PCTXS..

TITANEX rubber-sheathed cables use special meshed elastomer compounds for their conductor insulation and outer jackets, ensuring that they remain ultraflexible and supple despite extreme mechanical and thermal stress. They are UV and ozone-resistant and are particularly suitable for permanent outdoor cabling. These H07RN-F heavy-duty rubber-sheathed cables comply with DIN VDE 0298-300 (HD 516 S2) and can withstand brief immersion in water.

design

cond. construction                      stranded bare copper, fine-wired acc. to IEC 60228, class 5  
insulation                      special cross-linked elastomer EI4 acc. to DIN VDE 0281-1 (HD22.1)  
core identification  
    3 cores                      green-yellow, brown and blue  
    5 cores                      green-yellow, brown, blue and grey  
outer jacket                      cross-linked elastomer with high mechanical strength property

mechanics

min. bending radius  
    installed                      3x overall diameter  
    mobile use                      6x overall diameter  
temperature range  
    installed                      -60°C / +85°C  
    mobile use                      -25°C / +65°C  
ozone resistance for insulation                      acc. to EN 60811-2-1 art. 8  
oil resistant                      acc. to EN 60811-2-1

electric

rated voltage [U<sub>0</sub>/U]                      450/750 V <br> 600/1000 V at protected and fixed installation  
test voltage                      2500 V

order code                      PCTXS0325  
no. of cores x cross section                      mm<sup>2</sup>  
no. of cores x cross section                      3G2.5  
cond. cross section                      mm<sup>2</sup>  
cond. construction                      mm  
conductor resistance                      Ω/km  
outer jacket  
operating temperature  
outer Ø                      12.0 mm  
cable color                      black  
copper weight                      72 g/m  
weight                      0,2 kg/m  
standard lengths                      m

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