

## Data sheet

Commercial Art.No.: 99.427.9999.8

flat cable 5G2,5+2x1,5 HF MSCHIRM

gesis® NRG BASIC+KNX flat cable; mains 5G2.5; 20 A; 0.6/1 kV; bus 2X1.5; 3 A; 50 V; shielded; halogen free fire class: B2ca s1a d2 a1; color: green.



Commercial Art.No.	99.427.9999.8
EAN	4049088579073
Order Unit	1

## Technical data

### general

rated voltage	600 V / 1.000 V
rated current	20 A
mechanical coding	yes

### technical data

nominal cross section conductor	2.5 mm <sup>2</sup>
nominal voltage UN	1 kV
nominal voltage U0	600 V
bending radius, static	100 mm
fire class	
conductor category	class 5 = flexible
number of cores	7
core insulation	PE
yellow/green conductor	yes
screen	yes
material outer sheath	polyolefin
color outer sheath	green
flame retardant	according to DIN 60332-1-2
halogen free (according to EN 60754-12)	yes
cable width approx.	36.9 mm
cable height approx.	6.3 mm
nominal voltage U0	600 V
nominal voltage U	1 kV
nominal cross section	1.5 mm <sup>2</sup>

### model

nominal cross section conductor	2.5 mm <sup>2</sup>
---------------------------------	---------------------

### material

halogen free	yes
fire load	1.635 kWh

### classification

ECLASS 8.1	27062002
------------	----------

ETIM 9.0	EC003250
ETIM 8.0	EC003250
ETIM 7.0	EC003250
ETIM 6.0	EC000825
ETIM 5.0	EC000825
ETIM 4.0	EC000825
ETIM 3.0	EC000825

**product compliance**

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant