

KT5050



Capacitive touch sensor

KTRSH-KGRBPKG/2M



Application

Operating principle	static
Application	reduced sensitivity

Electrical data

Operating voltage tolerance	[%]	20
Operating voltage	[V]	24 DC
Current consumption	[mA]	30
Protection class		III
Reverse polarity protection		yes
Max. power-on delay time	[ms]	500

Outputs

Electrical design		PNP
Output function		normally open
Permanent current rating of switching output DC	[mA]	200
Short-circuit protection		yes
Overload protection		yes

Response times

Response time	[ms]	35
---------------	------	----

Operating conditions

Ambient temperature	[°C]	-40...85
Protection		IP 65; IP 67; IP 69K; (on the front)

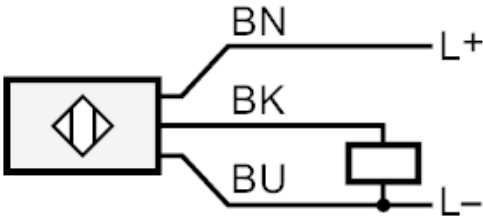
KT5050



Capacitive touch sensor

KTRSH-KGRBPKG/2M

Mechanical data		
Weight	[g]	139.2
Dimensions	[mm]	Ø 96.9 / L = 11
Materials	active face: PA Grilamid TR 90UV transparent; housing: polycarbonate-ABS black	
Displays / operating elements		
Display	switching status	8 x LED, red
	operation	8 x LED, green
Accessories		
Accessories (optional)	surround in different colours	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR		
Connection		



	Core colours :
BK =	black
BN =	brown
BU =	blue