

K70 Touch Series

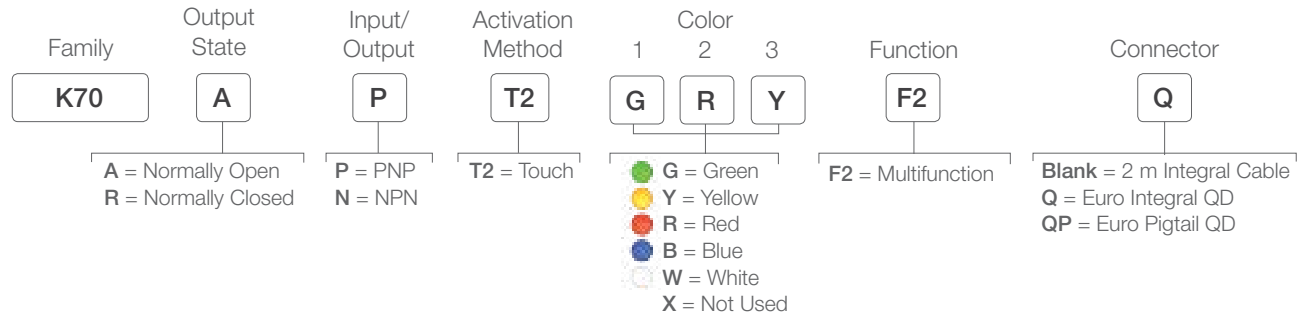
Illuminated Touch Buttons



- Excellent immunity to false triggering by water spray, detergents, oils, and other foreign materials
- Ergonomically designed to eliminate hand, wrist, and arm stresses associated with repeated switch operation; require no physical force to operate
- Can be actuated with bare hands or in gloves
- Rugged IP65 polycarbonate construction
- Momentary versions remain activated as long as touch is present
- Latching versions start up not activated and toggle between activated and not activated on successive touches
- Available in five color options and one-, two- and three-color models

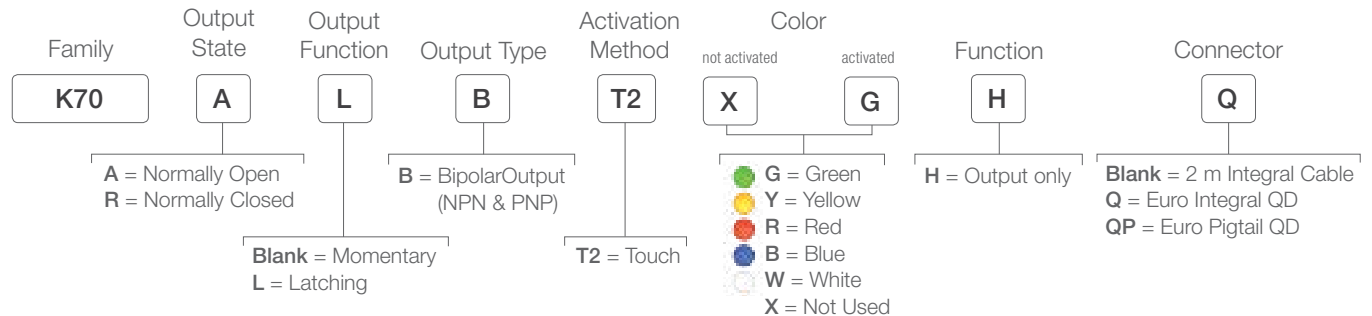
K70 Multipurpose Touch Button

Example Model Number: K70APT2GRYF2Q



K70 Illuminated Touch Button

Example Model Number: K70ALBT2XGHQ



 Connection Option: A model with a QD requires a mating cordset.

K70 Wireless Touch Button

Example Model Number: K70DXN2T2GRYQ

Family

K70

Output State

DXN2

DXN2 = Wireless 2.4 GHz
DXN9 = Wireless 900 MHz

Activation Method

T2

T2 = Touch

Color

123

G R Y

G = Green
Y = Yellow
R = Red
B = Blue
W = White
Blank = None

Connector

Q

Blank = 2 m Integral Cable
Q = Euro Integral QD
QP = Euro Pigtail QD



Euro-Style

Straight connector models listed; for right-angle, add RA to the end of the model number (example, MQDC1-506RA)

5-Pin

MQDC1-501.5
0.5 m (1.6')
MQDC1-506
2 m (6.5')
MQDC1-515
5 m (15')
MQDC1-530
9 m (30')

SMB30A

SMB30MM

SMBAMS30P

SSA-MBK-EEC1

Additional cordset information is available.
See page 758

Additional bracket information is available.
See page 727

K70 Touch Specifications

Supply Voltage	12 to 30 V dc
Supply Current	< 220 mA maximum current at 12 V dc < 110 mA maximum current at 30 V dc
Supply Protection Circuitry	Protected against transient voltages
Radio Range* (Wireless Models)	900 MHz, 1 Watt (Internal antenna): Up to 3.2 km (2 miles) 2.4 GHz, 65 mW (Internal antenna): Up to 1000 m (3280 ft) with line of sight
Separation Distance (Wireless Models)	900 MHz, 1 Watt: 4.57 m (15 ft) 2.4 GHz, 65 mW: 0.3 m (1 ft)
Construction	Housing: Polycarbonate Translucent dome: Polycarbonate Mounting Nut: PBT
Environmental Rating	IEC IP65
Connections	Integral 5-pin Euro style QD, or 2 m PVC integral cable, or 5-pin 150 mm Euro-style PVC pigtail QD
Operating Conditions	Temperature: -40 to +50 °C Max. Relative Humidity: 95% @ +50 °C max. relative humidity (non-condensing)
Certifications	CEUL LISTED

* Radio range significantly decreases without line of sight. Always verify your wireless network's range by running a site survey.



4-Pin

Euro-Style
Straight connector models listed;
for right-angle, add **RA** to the end
of the model number (example,
MQDC-406RA)

MQDC-406
2 m (6.5')

MQDC-415
5 m (15')

MQDC-430
9 m (30')

Additional cordset information is available.
See page 758



SMB30A



SMB30MM



SMBAMS30P



SSA-MBK-EEC1

Additional bracket information is available.
See page 727

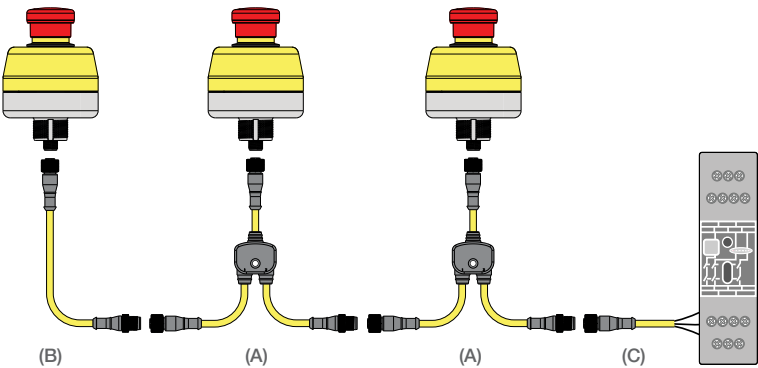


K70 Touch Specifications

Supply Voltage	12 to 30 V dc
Supply Current	< 220 mA maximum current at 12 V dc < 110 mA maximum current at 30 V dc
Supply Protection Circuitry	Protected against reverse polarity and transient voltages
Construction	Housing: Polycarbonate Translucent dome: Polycarbonate Mounting Nut: PBT
Environmental Rating	IEC IP65
Connections	Integral 5-pin Euro style QD, or 2 m PVC integral cable, or 5-pin 150 mm Euro-style PVC pigtail QD
Operating Conditions	Temperature: -40 to +50 °C Max. Relative Humidity: 95% @ +50 °C max. relative humidity (non-condensing)
Certifications	 

Series Hookup Cordset Solution

This interconnection solution allows for quick hookup of a series string of emergency stop buttons. For the CSS models (A) Branch #1 and Branch #2 are 300 mm (12") in length and the length of the trunk is listed below. See "Cordsets" below and specific model E-Stop datasheet for complete information, including installation instructions, hookup, and accessories.



(A)
Euro-Style
Straight splitter

4-Pin
CSS-M12F41M12M41M12F41
0.3 m (1')
CSS-M12F43M12M41M12F41
0.9 m (3')
CSS-M12F48M12M41M12F41
2.4 m (8')
8-Pin
CSS-M12F81M12M81M12F81
0.3 m (1')
CSS-M12F83M12M81M12F81
0.9 m (3')
CSS-M12F88M12M81M12F81
2.4 m (8')



(B)
Euro-Style
Double-ended
male/female

5-Pin	8-Pin
DEE2R-51D	DEE2R-81D
0.3 m (1')	0.3 m (1')
DEE2R-53D	DEE2R-83D
0.9 m (3')	0.9 m (3')
DEE2R-58D	DEE2R-88D
2.4 m (8')	2.4 m (8')
DEE2R-515D	DEE2R-815D
4.5 m (15')	4.5 m (15')
DEE2R-525D	DEE2R-825D
7.6 m (25')	7.6 m (25')
DEE2R-550D	DEE2R-850D
15.3 m (50')	15.3 m (50')
DEE2R-575D	DEE2R-875D
22.9 m (75')	22.9 m (75')
DEE2R-5100D	DEE2R-8100D
30.5 m (100')	30.5 m (100')



(C)
M12/Euro-Style
Straight connector
models listed

4-Pin	8-Pin
MQDC-406	MQDC2S-806
2 m (6')	2 m (6')
MQDC-415	MQDC2S-815
5 m (25')	5 m (25')
MQDC-430	MQDC2S-830
9 m (50')	9 m (50')
MQDC-450	MQDC2S-850
15 m (50')	15 m (50')

Additional cordset information is available.
See page 758



SSA-MBK-EEC1



SSA-MBK-EEC2



SSA-MBK-EEC2



SSA-EB1P-ECWC

Additional bracket information is available.
See page 729

ACCESSORIES

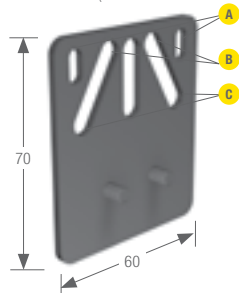
BRACKETS

CORDSETS

RETROREFLECTORS

LPA-MBK-20

(All measurements in mm)



Hole center spacing:

A = 44.5, **B** = 20, **C** = 40

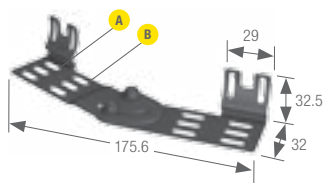
Hole size: **A** = 4.8 x 10.2, **B** = 7 x 26.8

- Universal adapter bracket for mounting to engineered/slotted aluminum framing (example, 80/20™, Bosch)
- Use with LPA-MBK-11, -12 or -13
- 12-ga. (2.66 mm) steel; black zinc plated
- Includes 1 bracket and hardware

Used with:
EZ-SCREEN LP 14 & 25 mm

LPA-MBK-21

(All measurements in mm)



Hole center spacing:

A, **B** = 10, **A** to **B** =

Hole size:

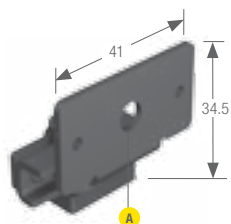
A, **B** = 15.5 x 5.5

- Pivoting "L" bracket system for two cascaded emitters/receivers; uses clamps from side-mount bracket LPA-MBK-12
- Adjustable 90° to 180° orientation
- +10°/-30° sensor rotation
- 14-ga. (1.9 mm) steel, black zinc plated

Used with:
EZ-SCREEN LP Cascade 14 & 25 mm

LPA-MBK-22

(All measurements in mm)



Hole center spacing:

Hole size:

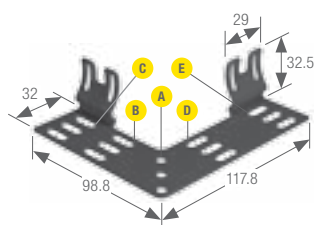
A = Ø 6.6

- End-cap bracket for mounting inside Unistrut® metal framing
- Fits Unistrut® P1000 size (1 5/8"), with M6 or 1/4" channel nuts
- 14-ga. (1.9 mm) steel, black zinc, plated; die-cast zinc clamp
- Used with LPA-MBK-11
- Includes 2 brackets and hardware (does not include Unistrut® channel nuts)

Used with:
EZ-SCREEN LP 14 & 25 mm

LPA-MBK-90

(All measurements in mm)



Hole center spacing:

A, **B**, **C**, **D**, **E** = 10, **B** to **C** = 30, **D** to **E** = 50

Hole size:

A = Ø 5.8,

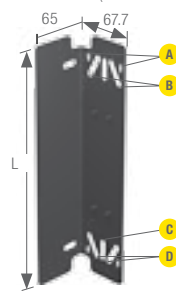
B, **C**, **D**, **E** = 15.5 x 5.5

- Pair of angled L brackets for two cascaded emitter/receiver pairs
- Fixed 90° orientation
- +10°/-30° sensor rotation
- 14-ga. (1.9 mm) steel, black zinc plated

Used with:
EZ-SCREEN LP Cascade 14 & 25 mm

LPA-MBK-PXXX

(All measurements in mm)



Hole center spacing:

A = 44.5, **B** = 40, **D** = 18

Hole size:

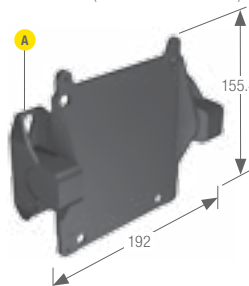
A = 4.8 x 10.2, **B** = 7 x 26.8, **C** = 7 x 25

- L-shaped protective bracket for one emitter/receiver
- Sized to match emitter/receiver length; replace XXX in model number with emitter/receiver size (example, LPA-MBK-P270 for use with SLP.-270)
- +10°/-30° sensor rotation
- 12-ga. (2.66 mm) steel, black zinc plated or painted

Used with:
EZ-SCREEN LP 14 & 25 mm

AG4-MBK1

(All measurements in mm)



Hole center spacing:

A = 63

Hole size:

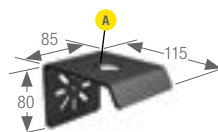
9 x 20.4

- Metal swivel bracket for mounting and aligning

Used with:
AG4 Laser Scanner

SSA-MBK-EEC1

(All measurements in mm)



Hole center spacing:

NA

Hole size:

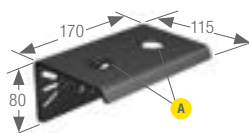
A = Ø 30.5

- Allows for horizontal and vertical (post) mounting
- 8 gauge steel, black finish (zinc-plated)

Used with:
E-Stop Buttons

SSA-MBK-EEC2

(All measurements in mm)



Hole center spacing:

A = 85

Hole size:

A = Ø 30.5

- Allows for horizontal and vertical (post) mounting
- 8 gauge steel, black finish (zinc-plated)

Used with:
E-Stop Buttons