DIP-FIX make contact

FEATURES:

- Make contact in the form of 8 or 24 section in-line switch (8 or 24 switches)
- Changeover contact in the form of 4 or 12-section in-line switch (4 or 12 switches)
- Terminal with standard drilling raster of pitch 2.54 x 7.62 mm
- Individual switches can be detached from the multi-section in-line switch with a knife
- The in-line switch can also be detached from the multi-section in-line switch with a knife
- · The in-line switch can also be supplied in a smaller version if there is sufficient demand. Order designation for e.g. 3 make contacts: C42315-A1347-A103
- · Operating tools (accessories) for actuating the switches; ball=point pens with fitted plastic prong

MATERIAL SPECIFICATIONS:

Insulating materials	PBTP-GF
Contact surface	Sn Pb - whisker-proof
Surface of the terminals	Sn Pb - whisker-proof

¹⁾ Safeguarding in the ON position is possible by manual soldering, if required

TECHNICAL DATA:

Load capability, measuring and test methods in accordance with IEC 68 and DIN 41640 or IEC 512

Voltage Rating10 mV to 60 V Current Rating≤ 0.5 An Power Rating≤ 5 W

Connection not soldered1)

Service Life

Mechanical and Electrical

with Resistive Load...... 50 Switching Cycles

Contact Resistance

(millivolt method)..... \leq 100 m Ω ; 2)≤ 200 mΩ: 3) Insulation Resistance $\geq 10^5 \text{ M}\Omega$; 2) $\geq 10^3 \text{ M}\Omega; 3$ Creeping Distances≥ 1 mm Air Gaps≥ 0.5 mm Test Voltage......500 V, 50 Hz

Ambient Temperature Range ..-40°C to +85°C

NOTES ON PROCESSING:

- · Blister Packaging
- Processing class D4) (with open or closed contacts)

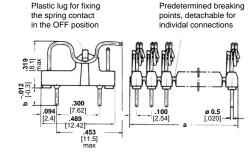
Predetermined breaking

DIP-FIX MAKE CONTACT

(8 OR 24-SECTION IN-LINE SWITCHES¹⁾



ECH1526-R

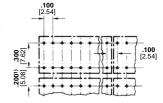




Circuit diagram and recommended coding for the connectors (example: 8 make contacts)

MOUNTING HOLES AND PACKING DENSITY DIP-FIX MAKE CONTACT

1) Other contact arrangements on request 6) Preferred items



Hole diameter with tolerance classes in accordance with DIN 40803, Sheet 1, Point 3.4.2.1.: coarse ≥ 0.9mm ≥ 0.8mm moderate fine ≥ 0.8mm

Make Contact	Dimension a	Dimension b	Order Designation
8-section in-line switch	.812 [20.32]	.122 [3.1]	C42315-A1347-A1086)
24-section in-line switch	2.387 [60.62]	.122 [3.1]	C42315 -A1347-A1246)

Note: The switches are delivered unhooked

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²⁾ Initial value

⁴⁾ Identical to Class C; ultrasonic assistance may also be used for cleaning.

¹⁾ Other contact arrangements on request



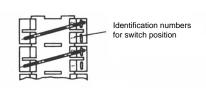
DIP-FIX changeover contact

DIP-FIX CHANGEOVER CONTACTS

(4 OR 12-SECTION IN-LINE SWITCHES)



ECH1527-Z

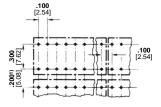




Circuit diagram and recommended coding for the connectors (example: 4 changeover switches)

MOUNTING HOLES AND PACKING DENSITY DIP-FIX CHANGEOVER CONTACT

- 1) Other contact arrangements on request
- 5) With identification numbers for switch position
- 6) Preferred items



 $\label{eq:hole diameter with tolerance classes in accordance with DIN 40803, Sheet 1, Point 3.4.2.1.: \\ coarse <math display="block"> \geq 0.9 mm \\ moderate \\ \geq 0.8 mm \\ fine \\ \geq 0.8 mm$

Changeover Contact	Dimension a	Dimension b	Order Designation
4-section in-line switch	.812 [20.32]	.122 [3.1]	C42315-A1347-A2046)
4-section in-line switch5)	.812 [20.32]	.213 [5.4]	C42315 -A1347-A304
12-section in-line switch	2.387 [60.62]	.122 [3.1]	C42315 -A1347-A2126)
12-section in-line switch ⁵⁾	2.387 [60.62]	.213 [5.4]	C42315 -A1347-A312

Note: The switches are delivered unhooked

TOOLING

Description	Order Designation	
Operating tools	C42407 -A78-A1	

Solder Link Block LBB 126

FEATURES:

- · Block of 24 snap-off solder links
- Terminals with standard drilling raster of pitch 2.54 x 5.08mm
- Terminal with standard drilling raster of pitch 2.54 x 7.62 mm

MATERIAL SPECIFICATIONS:

Insulating materials	PBTP-GF30
Soldering Terminals	CuNi18Zn20. tin-plated

TECHNICAL DATA:

Current Rating per Link			
at Ambient Temperature	+20°C	3A	
	+70°C	1.5A	
	+100°C	0.8A	
Test Voltage	500 V / 5	60 Hz	
Insulation Resistance	≥ 104 MΩ	.2	
Interlink Creepage Distances.	≥3 mm		
Interlink Air Gap	≥ 1.8 mr	n	
Ambient Temperature Range	55°C to	+125°C	;

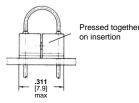
NOTES ON PROCESSING:

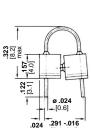
- · Packaged in box
- Processing class D4)

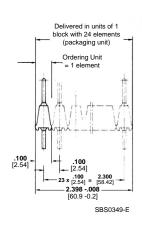
SOLDER LINK BLOCK LBB 126



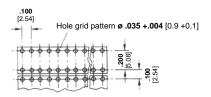
ECH1528-8







MOUNTING HOLES COMPONENT SIDE



Description	Order Designation
Solder Link, 1 Single Pole	C42195 -A126-A12)3)

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are metric equivalents.

¹⁾ Maximum Dimension

²⁾ Note on ordering: The order designation applies to 1 solder link. Delivery only in 24-pack snap-off blocks. Quantity ordered must be divisible by 24.

³⁾ Preferred Item

⁴⁾ Identical to Class C; ultrasonic assistance may also be used for cleaning.