

TECHNICAL INFORMATION - OPERATORS FOR GRIP ASSEMBLING

DFF - ROCKER SWITCH TYPE

Switch Operation: On-Off-On

Ordering code: 50.1301.500

Characteristics

Inrush current (capacitive)	16A 250 VAC (contact pair Ag / Cu and basic type 1838)
Contact resistance (new condition)	< 100 mOhm (1 A 12 VDC)
Insulation resistance (new condition)	> 100 mOhm (500 VDC)
Protection type	IP67 1E6 mechanical life endurance
Ambient temperature	terminal side -20°C/+105°C actuating side -20°C/+55°C



K1 - ROCKER SWITCH TYPE

Switch Operation: **Ordering code:**

On-Off-On **50.1301.501**

On-Off **50.1301.502**

Mom-Off-Mom **50.1301.503**

Fwd-Neu-Rev **50.1301.504**

Characteristics

Load	28 VDC or 125/250 VAC, 60Hz	Cycles
Resistive	10A	50.000
Inductive	10A	25.000

Mechanical life 100.000 cycles

Seal IP68S

Operating temp. range -30°C to +85°C

Materials Thermoplastic



WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.



4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • www.delta-power.com

TECNORD

Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • www.tecnord.com

TECHNICAL INFORMATION - OPERATORS FOR GRIP ASSEMBLING

P9 - PUSH BUTTONS

Switch Operation: On-Off

Case Flush Color	Ordering code
Red	13.0310.549
Blue	13.0310.551
Yellow	13.0310.535
Black	13.0310.555
Green	13.0310.553
White	13.0310.547
Purple	13.0310.559
Grey	13.0310.561
Orange	13.0310.557

Case Raised Color	Ordering code
Red	13.0310.550
Blue	13.0310.552
Yellow	13.0310.528
Black	13.0310.556
Green	13.0310.554
White	13.0310.548
Purple	13.0310.560
Grey	13.0310.562
Orange	13.0310.558

Characteristics

Operational life	up to 1.000.000 cycles
Rated amperage	up to 5 A resistive up to 3 A inductive
Protection class	IP 64 (IP 68S available)
Operating temp. range	-40°C to +85°C
Button and bezel material	thermoplastic
Contacts	gold plated silver alloy



Characteristics

Operational life	up to 1.000.000 cycles
Rated amperage	up to 5 A resistive up to 3 A inductive
Protection class	IP 64 (IP 68S available)
Operating temp. range	-40°C to +85°C
Button and bezel material	thermoplastic
Contacts	gold plated silver alloy



P9L - PUSH BUTTONS WITH LED (12 VDC)

Switch Operation: On-Off

Case Flush Color	Led	Ordering code
Green	Green	50.1301.328
Red	Red	50.1301.329
Orange	Amber	50.1301.330
Yellow	White	50.1301.331
Blue	Blue	50.1301.332
White	Red	50.1301.348
Black	Red	50.1301.345

Case Raised Color	Led	Ordering code
Green	Green	50.1301.324
Red	Red	50.1301.325

Characteristics

Operational life	up to 1.000.000 cycles
Rated amperage	up to 5 A resistive at 28VDC
Protection class	IP67 (70.000 cycles)
Operating temp. range	-40°C to +85°C
Button and bezel material	thermoplastic
Contacts	gold plated silver



WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

W11 / 2020



4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • www.delta-power.com

TECNORD

Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • www.tecnord.com

TECHNICAL INFORMATION - OPERATORS FOR GRIP ASSEMBLING

APL - LATCHING PUSH BUTTONS

Switch Operation: On-Off Latching

Case Color	Led	Ordering code	Characteristics	
Red	X	50.1301.407	Operational life	up to 1.000.000 cycles
Red	Red	50.1301.414	Rated amperage	up to 5 A resistive
Yellow	Red	50.1301.415		up to 3 A inductive
Yellow	X	50.1301.416	Protection class	IP 67
Green	X	50.1301.417	Operating temp. range	-40°C to +85°C
			Button and bezel material	polyamide 6/6
			Contacts	gold plated silver



SEALING BOOTS

For raised dome

ORDERING CODE: 50.1301.326



SEALING BOOTS

For flush dome

ORDERING CODE: 50.1301.327



KNOB POTENTIOMETER TYPE P16

Ohmic value: 4.7kΩ ±20°

Electrical travel: 270° ±10°

ORDERING CODE: 50.1501.025



KNOB POTENTIOMETER TYPE P16

Ohmic value: 10kΩ ±20°

Electrical travel: 270° ±10°

ORDERING CODE: 50.1501.031



WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.



4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526
mail: delta@delta-power.com • www.delta-power.com

TECNORD

Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512
mail: tecnord@tecnord.com • www.tecnord.com