

22.5mm Heavy Duty Devices

PUSHBUTTON SURFACE - MOUNTING ENCLOSURES FOR 22mm OPERATORS

IP66

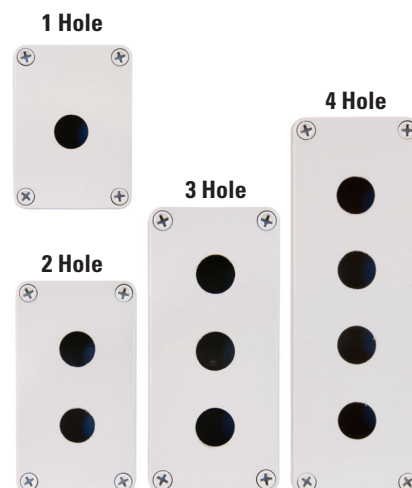
DESCRIPTION	DIMENSIONS	PT NUMBER	TRADE PRICE
STANDARD OPERATORS NON ILLUMINATED			
1 Hole	110 x 80 x 65mm deep	D221H65	\$33.41
2 Hole	40 x 80 x 65mm deep	D222H65	\$36.92
3 Hole	170 x 80 x 65mm deep	D223H65	\$40.08
4 Hole	230 x 80 x 65mm deep	D224H65	\$46.81
ILLUMINATED OPERATORS OR OPERATORS WITH ADDITIONAL CONTACT BLOCKS			
1 Hole	110 x 80 x 85mm deep	D221H85	\$37.72
2 Hole	140 x 80 x 85mm deep	D222H85	\$42.03
3 Hole	170 x 80 x 85mm deep	D223H85	\$45.60
4 Hole	230 x 80 x 85mm deep	D224H85	\$52.67

ASSEMBLED ENCLOSURES:

DESCRIPTION	PT No.	TRADE PRICE
Standard E/Stop Station 110 x 80 x 65mm deep	D22ES65	\$85.50
Other combinations available on request		
Stop/Start Station non illuminated 110 x 80 x 85mm deep	D22ES85	\$96.14
Stop/Start Station illuminated 110 x 80 x 85mm deep	D22DBI85 ①	\$96.14

Note: ① Code for LED Voltage refer previous page.

NOTE: Enclosures are ABS. POLYCARBONATE Enclosures are Available on Request



HEAVY DUTY PUSHBUTTON STATIONS

STAINLESS STEEL		POWER COATED
PT NUMBER	ENCLOSURE SIZE	PT NUMBER
CTX15ES60	150x150x1200mm	CT15ES60
CTX20ES60	200x200x1200mm	CT20ES60
PRICE - POA		

TECHNICAL DATA FOR DENKER 'D' RANGE 22mm - Pushbuttons & Indicating Pilot Lights

IEC STANDARDS AND APPROVALS:

IEC/EN 60946-1
IEC/EN 60947-5-1
IEC 947
CE Low Voltage Directive

ELECTRICAL RATING:

AC: 220V/6A, 380V/4A, 660V/2A
DC: 24V/6A, 48V/6A, 110V/1A, 220V/0.5A, 440V/0.25A
Thermal Rating Ith = 10A
Contact Resistance: ≥ 50 milli-ohm
Insulation Rating: AC 2,500V 50Hz 1 Minute
Rated Working Insulation Voltage: 660V AC
Electrical Life: ≥ 6 x 10⁵.

MECHANICAL LIFE:

Push-buttons: 3x10⁶; Selector Switch: 3x10⁵;
Key Switch: 5x10⁵; Emergency Switch: 5x10⁴.

TERMINATIONS:

Connections are screw-clamp terminals with Pozidrive or "Phillips type + Slot" Screw Head.
Terminal capacity: 1x0.5mm² or 2x0.5mm² stranded or solid wire.

ENVIRONMENTAL:

Ambient operating temperature:
-25°C to +60°C
Ambient storage temperature: -40°C to +65°C
Degree of Protection: IP-65 (from front panel only).
Pushbuttons fitted with boots IP-67.
Allowable ambient humidity: ≥98%
Ambient Vibration: 2-80 Hz≥0.7g

MATERIALS:

Bezel: Brushed Aluminium
Mounting Base: Zinc Alloy Die cast
Body: Polyamide
Lens: Polycarbonate
Contact point: Silver-Nickel Alloy (AgNi)

MOUNTING:

Screw fixing Metal Mounting Block.
Mounting Hole: 22.5mm -0/+0.4mm.
Mounting Centre: 30x50mm.
Panel Thickness: 1.2mm to 8mm Max.

LIGHT SOURCE FOR ILLUMINATED OPERATORS:

Snap on Integrated LED Light-block with independent screw terminals (X1, X2).
InGAN LED chips for Green, Blue and White. (Pure Green, Blue and Pure White)
Normal LED chips for Red, Amber and Yellow
Rated Current and Power: ≥20mA for 6V-48V AC/DC and 1.5W Max.
for 110V to 380V AC.
Life expectancy: 30K to 50K Hrs.
Brightness: ≥60cd/m².
Polarization: Non-polarized for both AC and DC operation.

Mounting Matrix

Description	Dimensions (mm)	
	A	B
All operators except those listed below.	30	50
40mm operators	45	50
Pushbutton fitted with Boots.	35	50

