Power and Control Isolation		
Key Exchange	» Key Operated Switch Control Unit	**ODL**
Door Locks and Actuators		
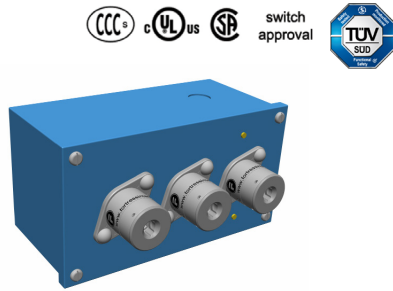
Key Operated Switch Control Unit

The ODL is a "key bank" with a switch. It incorporates one or more rotary switches and any combination of trapped or freed keys.

- Direct drive operation - positively opens contacts
- Mild steel enclosure as standard
- Stainless steel enclosure as standard in combination with CLSS or MLSS lock types
- Special switch ratings, and/or contact arrangements available on request

Safety Data

| Standards	EN60947-3:2009 ISO EN14119:2013 EN13849-1:2008 EN13849-2:2012 EN62061:2005	
Certifications	CE marked for all applicable directives	
Category	Cat. 4, PLe (EN/ISO 13849-1) and SIL3 (EN/IEC 62061)	
Functional safety data	B10d	5,000,000
	DC	High 99% (with correct monitoring)

mGard range

mGard is the ultimate range of robust mechanical trapped key products. Trapped key technology offers purely mechanical access locks (removing the need for expensive wiring). mGard offers an extensive variety of modular interlocking solutions. Suitable for use in applications up to SIL3 (EN/IEC 62061), Category 4 and PLe (EN/ISO 13849-1), mGard is ideal for use in harsh environments and is tested to 1,000,000 operations.

Technical Specification

Enclosure	Mild steel with powder coat finish
Lock Mechanism	Die-cast zinc body with stainless operating mechanism (selected separately)
Key	Stainless steel (selected separately)
Minimum Operating Current	5mA at 20v
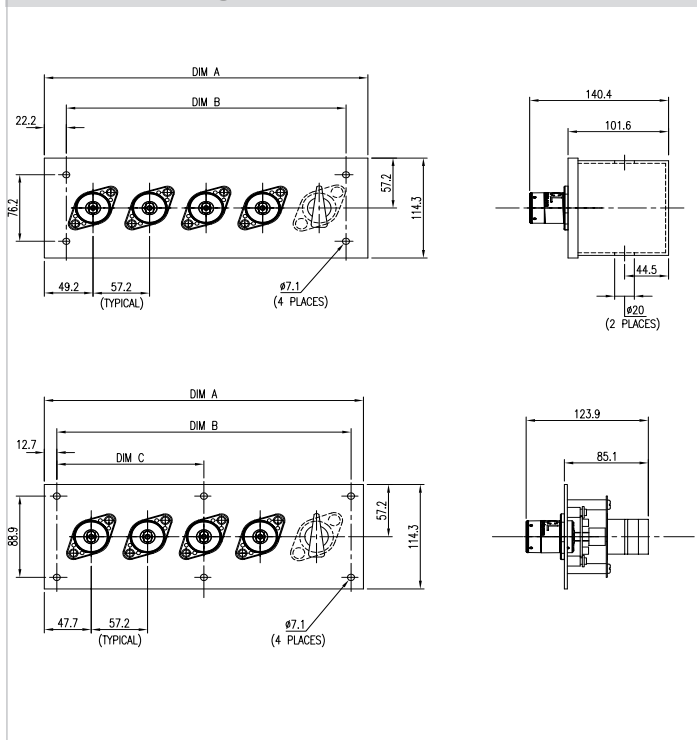
Article Codes

Nº of Locks	Part Nº
1 » 16	ODL1 » ODL16

Lock Type	
Key and lock types must be specified separately	

Horizontal/Vertical	Part Nº
Horizontal (double row)	H1 (H2)
Vertical (double row)	V1 (V2)

Linking System	Part Nº
Cams, zinc alloy	C
Runnerbar	R

Mounting	Part Nº
Back of Board	B
Mild Steel Enclosure	MF
Stainless steel Enclosure	SF

Switch Current	Part Nº
20A	A020
32A	A032
63A	A063

Switch Current	Part Nº
4NO/0NC	40
2NO/2NC	20

Dimensional Drawing

Product	Nº of secondary locks		Front of Board		In Enclosure	
	Single Row	Double row	DIM A	DIM B	DIM A	DIM B
ODL1	1	-	155.5	111.1	152.4	127.0
ODL2/4	2	4	212.7	168.3	209.6	184.2
ODL3/6	3	6	269.9	225.4	266.9	241.3
ODL4/8	4	8	327.0	282.6	323.9	298.5
ODL5/10	5	10	384.2	339.7	381.0	355.6
ODL6/12	6	12	441.4	396.9	438.2	412.8
ODL7/14	7	14	498.5	454.0	495.3	469.9
ODL8/16	8	16	555.6	511.2	522.5	527.0