

## EU Declaration of Conformity

<b>Product:</b> <i>Multifunctional Access Box</i>	
<b>Name and address of the manufacturer:</b> <b>Rockwell Automation Inc.</b> <i>1201 South 2nd Street</i> <i>Milwaukee, WI 53204</i> <i>U.S.A.</i>	<b>Name and address of the authorised representative:</b> <b>Rockwell Automation B.V.</b> <i>Rivium Promenade 160</i> <i>2909 LM Capelle aan den IJssel</i> <i>The Netherlands</i>
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>	
<b>Object of the declaration:</b>	<b>Allen-Bradley Guardmaster 442G-MAB Series</b> <i>(reference the attached list of catalogue numbers)</i>
<i>The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:</i>	
<i>2006/42/EC</i>	<i>Machinery Directive (MD)</i>
<i>2014/53/EU</i>	<i>Radio Equipment Directive (RED)</i>
<i>2011/65/EU</i>	<i>RoHS Directive (RoHS)</i>
<i>References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:</i>	
<i>EN 60947-5-3:2013</i>	<i>Low voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDDb)</i>
<i>EN ISO 14119:2013</i>	<i>Safety of machinery – Interlocking devices associated with guards – Principles for design and selection</i>
<i>EN ISO 13849-1:2015</i>	<i>Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design</i>
<i>EN 300 330 V2.1.1</i>	<i>Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz; Harmonized Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU</i>
<i>EN 301 489-1 V1.9.2</i>	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM) – Electromagnetic compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements</i>
<i>EN 50364:2010</i>	<i>Limitation of human exposure to electromagnetic fields from devices operating in the frequency range 0 Hz to 300 GHz, used in Electronic Article Surveillance (EAS), Radio Frequency Identification (RFID) and similar applications</i>
<i>EN 62061:2005 + A2:2015<sup>3</sup></i>	<i>Safety of machinery – Functional safety of safety-related electrical, electronic and programmable control systems</i>
<i>EN 61508-1:2010<sup>3</sup></i>	<i>Functional safety of safety-related electrical/electronic/programmable electronic safety-related systems – Part 1: General requirements</i>
<i>EN 50581:2012</i>	<i>Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances</i>
<b>Additional information:</b>	
<i>Person authorised to compile the technical file (MD):</i>	<i>Authorised representative (see details above).</i>
<i>Product Safety Function (MD):</i>	<i>Type 4 interlocking devices with guard locking and high-level coding suitable for use in safety-related applications up to SIL 3 (EN 61508), PLe (EN ISO 13849-1) and SIL Cl 3 (EN 62061).</i>
<i>Signed for and on behalf of the above named manufacturer:</i>	
<i>Place and date of issue:</i>	<i>Milwaukee, WI USA</i> <span style="float: right;"><i>01-Jun-2020</i></span>
<i>Name, function:</i>	<i>Daniel L. Nachtigall, Technical Leader – Product Compliance Engineering</i>
<i>Signature:</i>	

Catalogue number	Series <sup>1</sup>	Description	Directive <sup>2</sup>		
			MD	RED	RoHS
442G-MABH-R		Handle module, right	Yes	N/R	Yes
442G-MABH-L		Handle module, left	Yes	N/R	Yes
442G-MABE1		Escape release module	Yes	N/R	Yes
442G-MAB*-U**-*		Lock module per Nomenclature	Yes	Yes	Yes
442G-MAB*B-U**-*		Ethernet/IP lock/bus module w/CIP Safety per Nomenclature <sup>3</sup>	Yes	Yes	Yes
<b>Accessories</b>					
442G-MABASHFT		Escape release shaft	N/R	N/R	Yes
442G-MABAMPH		Handle assembly mounting plate	N/R	N/R	Yes
442G-MABAMPL		Lock module mounting plate	N/R	N/R	Yes
442G-MABAMPE		Escape release mounting plate	N/R	N/R	Yes
442G-MABADH		Replacement handle	N/R	N/R	Yes
442G-MABLENS		Indicator lens kit	N/R	N/R	Yes
442G-MAB-C00		Blank lock module cover	N/R	N/R	Yes
442G-MAB-C01		Lock module cover w/one pushbutton	N/R	N/R	Yes
442G-MAB-C02		Lock module cover w/two pushbuttons	N/R	N/R	Yes
442G-MAB-C03		Lock module cover w/E-stop + two pushbuttons	N/R	N/R	Yes
442G-MAB-C04		Lock module cover w/E-stop + three pushbuttons	N/R	N/R	Yes
442G-MAB-C05		Lock module cover w/E-stop	N/R	N/R	Yes
442G-MABB-R-E0		Ethernet/IP lock/bus module cover w/E-stop, right-hand	N/R	N/R	Yes
442G-MABB-L-E0		Ethernet/IP lock/bus module cover w/E-stop, left-hand	N/R	N/R	Yes

- 1) Products of the series level indicated, as well as succeeding series levels, are certified. If no series number is given, then all series are certified.
- 2) Yes = Product is certified to this directive.  
N/R = This directive is not required for this product.
- 3) Compliance to EN 62061 and EN 61508-1 only applies to the 442G-MAB Series Ethernet/IP lock/bus modules w/CIP Safety.

**Lock Module Nomenclature:**

442G	-	MAB	L	-	U	R	M	-	C02
1		2	3		4	5	6		7

1	Designates Bulletin 442G
2	Designates Product Type MAB – Multifunctional Access Box
3	Designates Guard Locking Type L – Power-to-Lock R – Power-to-Release
4	Designates Coding Type U – High level (unique) coding
5	Designates Handle Position R – Right, for mounting on right-hand guard doors L – Left, for mounting on left-hand guard doors Blank – Not applicable (connection type ‘T’)
6	Designates Connection Type T – Conduit M – 19-pin M23 style connector
7	Designates Lock Module Cover Controls C00 – Blank cover (no controls) C01 – Cover with one illuminated pushbutton C02 – Cover with two illuminated pushbuttons C03 – Cover with E-stop and two illuminated pushbuttons C04 – Cover w/E-stop + three pushbuttons C05 – Cover w/E-stop

Ethernet/IP Lock/Bus Module w/CIP Safety Nomenclature:

442G	-	MAB	L	B	-	U	R	-	E0JP4679	-	N4
1		2	3	4		5	6		7		8

1	Designates Bulletin 442G
2	Designates Product Type MAB – Multifunctional Access Box
3	Designates Guard Locking Type L – Power-to-Lock R – Power-to-Release
4	Designates Communication Type B – Bus module with CIP safety over Ethernet/IP
5	Designates Coding Type U – High level (unique) coding
6	Designates Handle Position R – Right, for mounting on right-hand guard doors L – Left, for mounting on left-hand guard doors
7	Designates Integrated Module Controls Letter designating module control option type “E”, “M” or “P” followed by number(s) designating module position. Module position for Option “J” is fixed and not followed by a number. Multiple module controls and/or positions are possible. Ex: 442G-MABLB-UR-E0JP4679 or 442G-MABLB-UL-E0M6JP1249 E – E-stop J – Enabling switch M – Mode selector switch P – Push button 0...9 – Position location
8	Designates Connector Type Blank – M12 Micro QD N4 – Mini QD