

Certificate



No.: 968/FSP 1128.01/21

Product tested	440K-series tongue-actuated interlock switches	Certificate holder	Rockwell Automation, Inc. 1201 South Second Street Milwaukee, WI 53204 USA
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Type designation	440K-C..., 440K-E..., 440K-MT..., 440K-M2..., 440K-T2..., 440K-W..., 440K-V..., Details see Revision List
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Codes and standards	IEC 60947-5-1:2016 + Cor.1:2016 + Cor.2:2020 IEC 60947-1:2020	ISO 14119:2013
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Intended application	The 440K-series tongue operated guard interlock switches fulfill the requirements of the relevant product standard IEC 60947-5-1. They are Type 2 devices according to ISO 14119.
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Specific requirements	The instructions of the associated Installation Instructions and Support Information shall be considered.
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Valid until 2026-04-01

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1128.01/21 dated 2021-03-31.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2021-04-01

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Gebhard Bouwer



Revision List
referred to on Certificate No.: 968/FSP 1128.01/21
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Safety related components

Type Designation							Description	Report-No.:	Certification Status		
440K-C	v	w	x	y	P	z	Cadet 3 series-tongue actuated interlock switches	968/FSP 1128.01/21	Valid		
							Strain Relief Thread type			z = M z = T z = F z = S	Metric pitch and major Dia. NPT pitch and major Dia. 6 pin AC micro Cord Set Separate Cord Set to suit safety I/O block*
							Actuator- types			y = A y = D y = F y = L y = N	Alignment guide, semi-flexible GD2 metal actuator, semi-flexible Flat 90° rotated guide entrance aperture None
							Type of Aux. contact			x = B x = M x = N	Brake before make (BBM) Make before break (MBB) N/A
							Number of Aux. contacts			w = 1 w = N	1 NO None
							Number of safety contacts			v = 2 v = 3	2 NC 3 NC
From: 440K-C21 000 To: 440K-C21 999							Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid		
440K-C2 NNAPS 440K-C2 NNFPS							Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid		



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Type Designation							Description	Report-No.:	Certification Status
440K-E	v	w	x	yP	z		Elf Miniature series tongue-actuated interlock switches	968/FSP 1128.01/21	Valid
						Strain Relief Thread type	z = M Metric pitch and major Dia. z = T NPT pitch and major Dia. z = C 4 pin M12 Quick Disconnect Cord Set, 30 V DC z = F 6 pin AC micro Quick Disconnect Cord Set z = S separate Cord Set to suit safety I/O block		
						Actuator- types	y = A Alignment guide, semi-flexible y = D GD2 metal actuator, semi-flexible y = F Flat y = L 90° rotated entry aperture y = N None		
						Type of Aux. contact	x = B Break before make (BBM) x = M Make before break (MBB) x = N N/A		
						Number of Aux. contacts	w = 1 1 NO w= N None		
						Number of safety contacts	v = 1 1 NC v = 2 2 NC		
From: 440K-E33 000							Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid
To: 440K-E33 999									
440K-E2 NNAPS 440K-E2 NNFPS							Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid



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Type Designation								Description	Report-No.:	Certification Status
440K-M	t	u	v	w	x	y	N z	MT-GD2 standard series tongue-actuated interlock switches	968/FSP 1128.01/21	Valid
								Speacial feature z = G Optional GD2/metal front entry z = S latch release bottom z = V 180° rotated entry aperture z = Z 270° rotated entry aperture		
								Strain Relief Thread type y = M Metric pitch and major Dia. y = T NPT pitch and major Dia. y = H 8 pin DC micro Quick Disconnect Cord Set y = S separate Cord Set to suit safety I/O block		
								Housing color and material x = D die cast alloy, painted red x = Y die cast alloy, painted yellow		
								Actuator- types w = A Alignment guide, semi-flexible w = D GD2 metal actuator, semi-flexible w = F Flat w = L 90° rotated guide entrance aperture w = N None w = S Standard		
								Type of Aux. contact v = B Break before make (BBM) v = M Make before break (MBB) v = N N/A		
								Number of Aux. contacts u = 1 1 NO, if more than 2 (NC) safety contacts otherwise 2 (NO) u = 2 2 NO u = N None		
								Number of safety contacts t = 2 2 NC t = 3 3 NC t = 4 4 NC		
From: 440K-mT55 000 To: 440K-mT55 999								Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid

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Type Designation								Description	Report–No.:	Certification Status	
440K-M	2	v	A	w	x	y	N	z	MT-GD2 series snap acting tongue-operated interlock switches	968/FSP 1128.01/21	Valid
								Speacial feature	z = G Optional GD2/metal front entry z = S latch release bottom z = V 180° rotated entry aperture z = Z 270° rotated entry aperture		
								Strain Relief Thread type	y = M Metric pitch and major Dia. y = T NPT pitch and major Dia. y = H 8-pin DC micro Quick Disconnect Cord Set y = S separate Cord Set to suit safety I/O block y = L 12-pin M23 Panel Mount Male Receptacle y = C 4-pin DC micro Quick Disconnect Cord Set		
								Housing color and material	x = D die cast alloy, painted red x = Y die cast alloy, painted yellow		
								Actuator- types	w = B Alignment guide, fully-flexible w = D GD2 metal actuator, semi-flexible w = E extended flat w = G GD2 standard w = F Flat w = N None w = S Standard		

								Number of Aux. contacts	v = 2 2 NO v = 1 2 NO v = N None		
From: 440K-mT55 000								Alternative numbers for the models depicted by the nomenclature above.		968/FSP 1128.01/21	Valid
To: 440K-mT55 999											



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Type Designation								Description	Report-No.:	Certification Status
440K-T	2	v	w	xP	y	N	z	Trojan 5 tongue-actuated interlock switches	968/FSP 1128.01/21	Valid
								Speacial feature z = G Optional GD2/metal front entry z = N None		
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								Strain Relief Thread type y = H 8-pin M12 Panel Mount Male Receptacle y = M Metric pitch and major Dia. y = T NPT pitch and major Dia. y = F 6 pin AC micro Quick Disconnect Cord Set y = S separate Cord Set to suit safety I/O block		
								Actuator- types x = A Alignment guide, semi-flexible x = B Alignment guide, fully-flexible x = D GD2 metal actuator, semi-flexible x = E extended flat x = G GD2 standard x = F Flat x = N None		
								Type of Aux. contact w = B Break before make (BBM) w = M Make before break (MBB) w = N Not available (N/A)		
								Number Aux. contacts v = N 1 NO		
From: 440K-T11 000 To: 440K-T11 999								Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid



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Type Designation	Description	Report-No.:	Certification Status
440K-W u v w x Py N z	Trojan 6 tongue-actuated interlock switches	968/FSP 1128.01/21	Valid
	<div>Speacial feature</div> <div>z = G Optional GD2/metal front entry</div> <div>z = N None</div>		
	<div>Strain Relief Thread type</div> <div>y = H 8-pin M12 Panel Mount Male Receptacle</div> <div>y = M Metric pitch and major Dia.</div> <div>y = T NPT pitch and major Dia.</div> <div>y = F 6 pin AC micro Quick Disconnect Cord Set</div> <div>y = S separate Cord Set to suit safety I/O block</div>		
	<div>Actuator- types</div> <div>x = A Alignment guide, semi-flexible</div> <div>x = B Alignment guide, fully-flexible</div> <div>x = D GD2 metal actuator, semi-flexible</div> <div>x = E extended flat</div> <div>x = G GD2 standard</div> <div>x = F Flat</div> <div>x = N None</div>		
	<div>Type of Aux. contact</div> <div>w = B Break before make (BBM)</div> <div>w = M Make before break (MBB)</div> <div>w = N N/A</div>		
	<div>Number of Aux. contacts</div> <div>v = 1 1 NO, if more than 2 (NC) safety contacts otherwise 2 NO</div> <div>v = 2 2 NO</div> <div>v = N None</div>		
	<div>Number of safety contacts</div> <div>u = 2 2 NC</div> <div>u = 3 3 NC</div> <div>u = 4 4 NC</div>		
From: 440K-T11 000 To: 440K-T11 999	Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid
440K-W21 BNPH 440K-W21 BNPH - NG 440K-W21 MNPH 440K-W21 MNPH- NG	Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid

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Type Designation	Description	Report-No.:	Certification Status
440K-V u v w x P y Nz	T15 tongue-actuated interlock switches	968/FSP 1128.01/21	Valid
	Special feature z = G Optional GD2/metal front entry z = N None		
	Strain Relief Thread type y = F 6 pin AC micro Quick Disconnect Cord Set		
	Actuator- types x = A Alignment guide, semi-flexible x = B Alignment guide, fully-flexible x = G GD2 standard x = F Flat x = N None x = S Standard		
	Type of Aux. contact w = B Break before make (BBM) w = N N/A		
	Number of Aux. contacts v = 1 1 NO v = N None		
	Number of safety contacts u = 1 1 NC u = 2 2 NC		
From: 440K-T11 000 To: 440K-T11 999	Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid
440K-V2 NNBPS 440K- V2 NNGPS - NG 440K- V2 NNSPS	Alternative numbers for the models depicted by the nomenclature above.	968/FSP 1128.01/21	Valid

The content of this Revision List has been agreed between Manufacturer and Certification Body.

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Revision:

Date	Rev.	Description / Changes	Author
2015-06-19	1.0	Initial creation, based on Report-No.: 968/FSP 1128.00/15	jz/A-FS
2021-03-31	1.1	Renewal of certificate based on Report-No.: 968/FSP 1128.01/21, Description revised	jz/A-FS

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