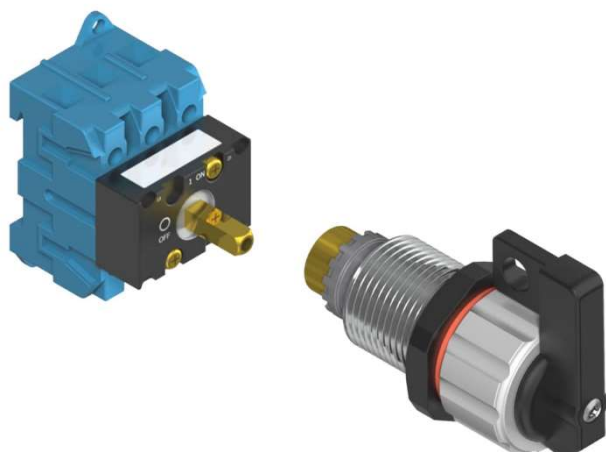


## Comutador Rotativo 32A 40A 63A



**Tipo de Proteção:** Montagem em invólucros Ex “d” ou Ex “tb”, com furações M22 x 1,5.

**Marcação:** Ex d IIC Gb / Ex tb IIC Db





**Área de Aplicação:** Zonas 1, 2, 21 e 22.

**Grau de Proteção:** IP-66.

**Temperatura de trabalho:** -50°C a 60°C.

**Rosca:** M22 x 1,5.

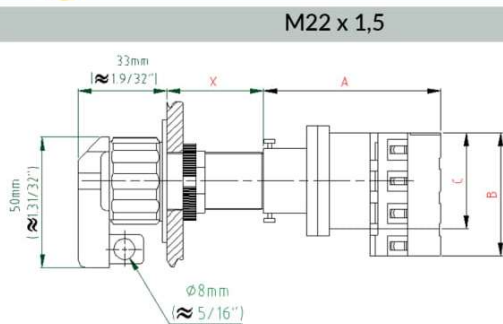
### TECHNICAL SPECIFICATION

TYPE OF PROTECTION	Ex “d” – Flameproof Ex “tb” – Dust ignition protection	Explosion proof Dust ignition proof	Ex “d” – Flameproof Ex “tb” – Dust ignition protection
MARKING	Ex d IIC Gb Ex tb IIC Db	Class I, Groups B, C, D Class II, Groups E, F, G Class III	 II 2 G Ex db IIC Gb II 2 D Ex tb IIC Db
AREA OF APPLICATION	Zone 1 Zone 2 Zone 21 Zone 22	Class I, Div 1 & 2, Groups B, C, D, Class II, Div 1 & 2, Groups E, F, G, Class III	Zone 1 Zone 2 Zone 21 Zone 22
INGRESS PROTECTION	IP66W (W: salt spray)	Type 4X	IP66W (W: salt spray)
TEMPERATURE RANGE	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)	-50°C to 60°C (-40°F to 158°F)
THREAD SIZE	M22 x 1,5 3/4” NPSM	M22 x 1,5 3/4” NPSM	M22 x 1,5 3/4” NPSM
THREAD LENGTH	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)	25mm (Normal) 40mm (Long) 57mm (Extra Long)
INSTALLATION	for M22x1,5 THREAD in Ex “d” enclosures : (min. wall thickness : 8 mm engaged thread) in Ex “tb” enclosures : (min. wall thickness : 3 mm engaged thread) for 3/4”NPSM THREAD in Ex “d” enclosures : (min. 5 fully engaged threads) in Ex “tb” enclosures : (min. wall thickness : 3,7 mm engaged thread)	for M22x1,5 THREAD in Ex “d” enclosures : (min. 7 fully engaged threads.) in Ex “tb” enclosures : (min. wall thickness : 3 mm engaged thread) for 3/4”NPSM THREAD in Ex “d” enclosures : (min. 7 fully engaged threads) in Ex “tb” enclosures : (min. wall thickness : 3 mm engaged thread)	for M22x1,5 THREAD in Ex “d” enclosures : (min. wall thickness : 8 mm engaged thread) in Ex “tb” enclosures : (min. wall thickness : 3 mm engaged thread) for 3/4”NPSM THREAD in Ex “d” enclosures : (min. 5 fully engaged threads) in Ex “tb” enclosures : (min. wall thickness : 3,7 mm engaged thread)
CERTIFICATE OF COMPLIANCE	 INMETRO CEPEL 97.0007U	 CSA I UL CSA: 2719982 UL: E489210	 ATEX I IECEx Sira 16ATEX1176U IECEx CSA 16.0032U

### ELECTRICAL SPECIFICATION

		RATED VOLTAGE			690V					
BREAKING CAPACITY AC		RATED CURRENT			BREAKING CAPACITY FOR DC		RATED CURRENT			
		32A	40A	63A			32A	40A	63A	
AC-3	220V-240V	4kW	7,5kW	11kW	RESISTIVE LOADS T<1ms	24V	25A	40A	63A	
	380V-440V	7,5W	11kW	18,5W		48V	20A	32A	40A	
AC-15	220V-240V	8A	14A	16A		60V	7,5A	23A	27A	
	380V-440V	5A	6A	7A		110V	1,5A	6,5A	-----	
AC-22A	220V-240V	25A	32A	40A		INDUCTIVE LOADS T=50ms	24V	20A	32A	40A
	380V-440V	25A	32A	40A			48V	3A	16A	20A
AC-23A	220V-240V	5,5kW	7,5kW	11kW	60V		1,5A	11A	15A	
	380V-440V	11kW	15kW	22kW	110V		0,5A	0,5A	3,5A	

**4 DIMENSIONS**

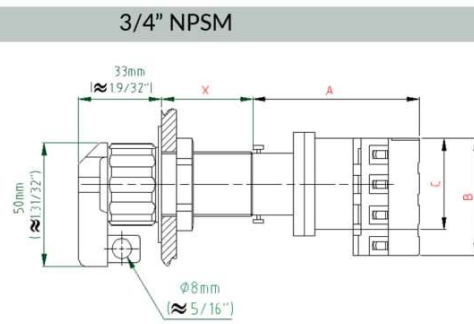


X	
(mm)	(inch)
25mm	= 1"
40mm	= 1.19/32"
57mm	= 2.1/4"

A	
CURRENT	(mm)
32A	78
40A	85
63A	85

B	
CURRENT	(mm)
32A	57x57
40A	67x67
57A	67x67

C	
CURRENT	(mm)
32A	42x57
40A	50x67
63A	50x67



**EXXGCA A + INB + 2 + C**

**X** THREAD SIZE



X	
CODE	SIZE
22	M22x1,5
26	3/4"NPSM

**A** THREAD SIZE

A	
CODE	SIZE
N	25mm
L	40mm
X	57mm

**B** No. POLES (PL)

FIXING ON COVER	
POLE N° (PL)	
3 POLES	4 POLES
<b>3</b>	<b>4</b>

FIXING ON BASE	
POLE N° CODE	
3 POLES	4 POLES
<b>3</b>	<b>4</b>

**C** CURRENT

RATED CURRENT	32A	40A	63A
RATED CURRENT	<b>32</b>	<b>40</b>	<b>63</b>

EXAMPLE 1 (FIXING ON COVER):

**N** + **IN3** + **2** + **32** =



3/4"NPSM  
LENGTH  
25mm

3 POLES

CURRENT  
32A

