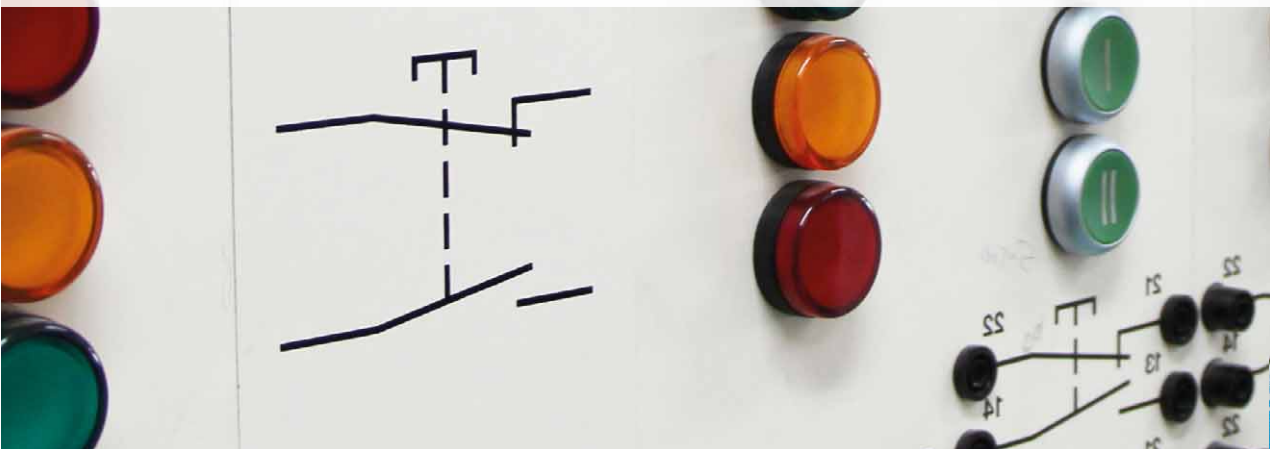


Pictogramele capului de tabel

U_m Tensiunea nominală de acționare	P_n Putere nominală	 Putere nominală	 Note, completări
U_{pr} Tensiunea primară	U_{sec} Tensiune secundară	I_{sec} Curent secundar	P_{sec} Putere secundară
 Două poziții	 Trei poziții	 Poziție scoatere cheie (stânga)	 Poziție scoatere cheie (stânga sau dreapta)
 Poziție scoatere cheie (central)	 Poziție scoatere cheie	 REL-ON	 REL-ON
 Date electrice contacte	 Unități de semnalizare luminoasă	 Dimensiuni	 Tipul soclului
 Nm Moment de strângere	 M Filet	 Fișe și mufe glisante	 Presetupe
 Varianta de bază	 IP44 În carcasă IP 44	IP.. Grad de protecție	 Culoare
 Masa	 Sonerie	 IP 65 Grad de protecție dinspre partea frontală	

Pictogramele datelor tehnice

230/400 V AC Tensiune nominală (V)	U_m max. 400 V Tensiunea nominală de acționare	 U_i 660 V Tensiunea nominală de izolare	U_{imp} 6 kV Tensiune nominală de ținere la impuls
I_e (AC 1,28 V) 15 A Curent nominal de lucru	50/60 Hz Frecvența nominală	 10 A gG Siguranța din amonte recomandată	 [mm²] 0,5-2,5 Secțiunea conductorului de racord
 Capul de acționare poate fi rotit în trepte de 90°!	 Capul și brațul de acționare pot fi rotite în trepte de 90°!	 F_{on} max. 20 N Forța de acționare la închidere	 F_{off} max. 15 N Forța de acționare la deschidere
 x10⁶ Durata de viață mecanică	 E +120 °C Clasa de temperatură	 Clasa I de protecție la atingere	 ON-OFF-ON... sc/h x3.600 Frecvența de conectare (comutări/oră)
 IP 42 Gradul de protecție instalat, la panoul frontal	 IP 20 Gradul de protecție a bornelor (bază)	 IP 55 Grad de protecție	 Rezistență la vibrații
 % RH max. 95 Umiditate relativă	 T_a -25...+55 °C Temperatura mediului ambiant	 22 mm Dimensiunea decupării	





Limitatoare de cursă tip LS15 2



Limitatoare de cursă, tip LS7 5



Limitatoare de cursă, tip LSME... 8



Limitatoare de cursă, tip VP... 12



Limitatoare de cursă, tip VT... 16



Limitatoare de cursă, tip VM 20



Limitatoare de cursă KW (micro-interruptoare) 24



Butoane simple 26



Butoane în relief 26



Butoane cu semnalizare luminoasă 27



Butoane inscripționate 28



Butoane tip ciupercă 29



Butoane duble, pornit/oprit 30



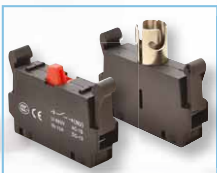
Comutatoare cu braț 30



Comutatoare cu braț luminos 31



Comutatoare cu cheie 31



Elemente de contact 32



Carcase 32



Accesorii 34



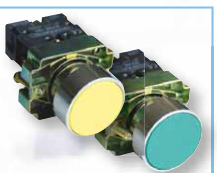
Indicatoare de tensiune, curent, sonerii 34



Coloane de semnalizare luminoasă 35



Lămpi de semnalizare cu LED, tip LJL... 36



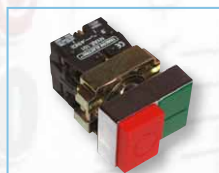
Butoane simple 37



Butoane inscripționate 38



Butoane de avarie tip ciupercă, cu cheie 39



Butoane duble, pornit/oprit 40



Comutatoare cu braț 42



Comutatoare cu cheie 43



Becuri de semnalizare 44



Elemente de contact 44



Carcase 45



Înterupătoare de siguranță cu releu 46



Înterupătoare pentru aparate 48



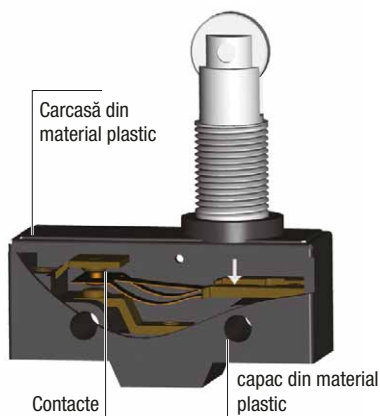
Transformatoare de separație monofazate TVTR 52



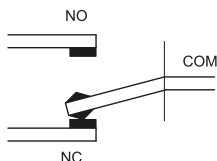
Transformatoare monofazate de siguranță și izolare TVTRB 54

Limitatoare de cursă tip LS15

I_{th} 15 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 15, 250 V) 0,3 A	U_i 500 V	[mm²] 0,5-1,5	×10⁶ x1.800	ON-OFF-ON... sc/h	T_a -25...+55°C	IP 00
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Tipul contactelor: C

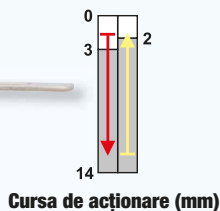


RELEVANT STANDARD
EN 60947-1

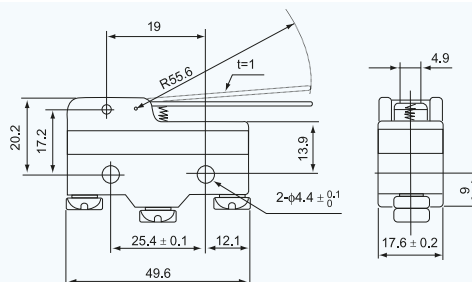
RELEVANT STANDARD
EN 60947-5-1

- carcasă solidă
- contact alternant
- punct de conexiune cu papuci inelari
- cablare ușoară
- mai multe mecanisme de comutare

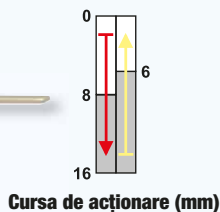
Varianta cu tijă și arc



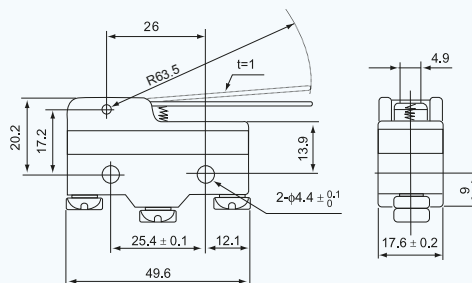
TRACON LS15GM-B



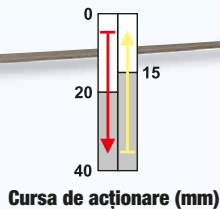
Varianta cu tijă și arc



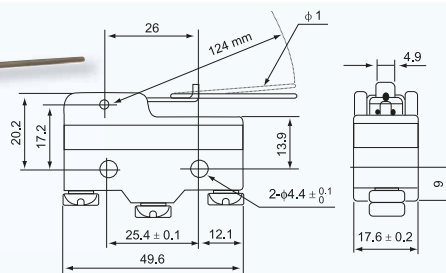
TRACON LS15GW-B



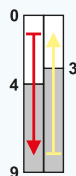
Varianta cu tijă și arc



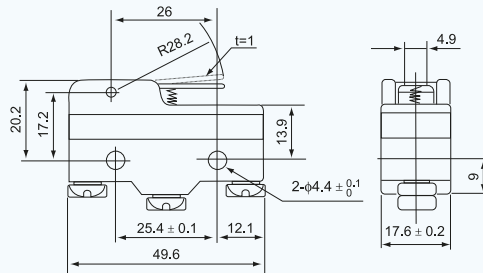
TRACON LS15HW24-B



Variantă cu tijă și arc

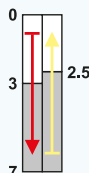


Cursa de acționare (mm)

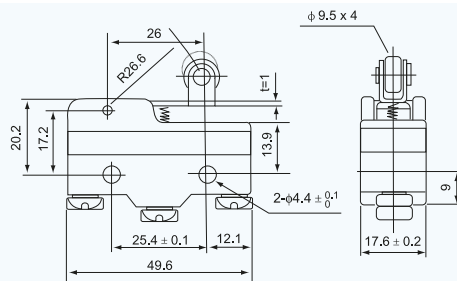


TRACON LS15GW21-B

Variantă cu tijă, arc și rolă

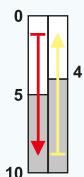


Cursa de acționare (mm)

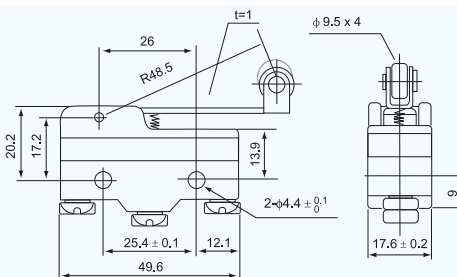


TRACON LS15GW22-B

Variantă cu tijă, arc și rolă

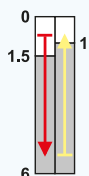


Cursa de acționare (mm)

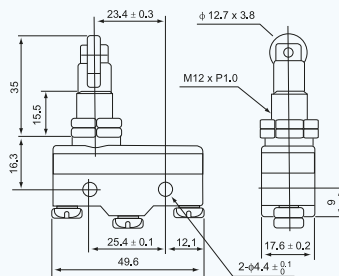


TRACON LS15GW2-B

Variantă cu rolă la 90°

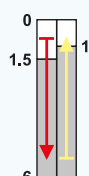


Cursa de acționare (mm)

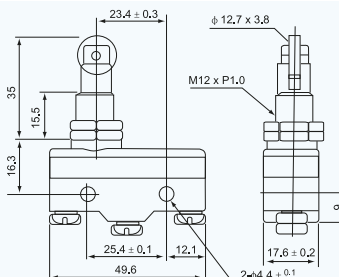


TRACON
LS15GQ21-B

Variantă cu rolă

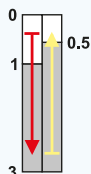


Cursa de acționare (mm)



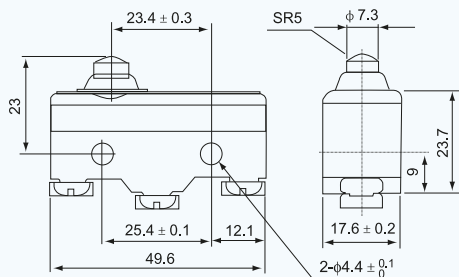
TRACON
LS15GQ22-B

Varianța cu tampon conic

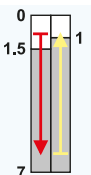


Cursa de acționare (mm)

TRACON LS15GD-B

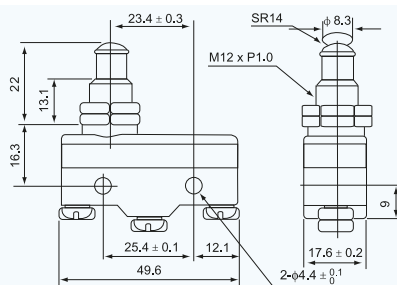


Varianța cu tampon conic lung

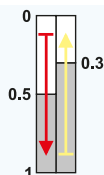


Cursa de acționare (mm)

TRACON LS15GQ-B

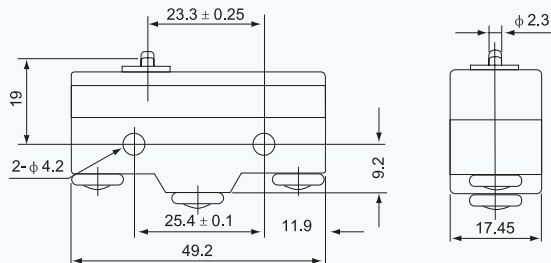


Varianța cu tampon



Cursa de acționare (mm)

TRACON LS15G-B



Carcasă limitator LS15



IP 40



TRACON LS15-C0V



RELEE



Limitatoare de cursă, tip LS7...

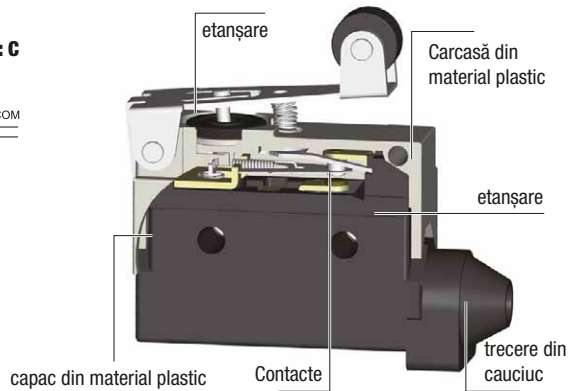
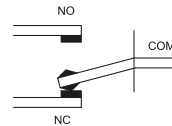
I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 13, 250 V) 0,3 A	U_i 500 V	[mm²] 0,5-1,5	×10⁶ ×1.800	ON-OFF-ON... sc/h ×1.800	T_a -25...+55°C	IP 40	Legendă pictograme	K/0
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**RELEVANT STANDARD
EN 60947-1**

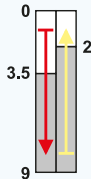
**RELEVANT STANDARD
EN 60947-5-1**

- carcasă solidă
- contact alternant
- punct de conexiune cu papuci inelari
- cablare ușoară
- mai multe mecanisme de comutare

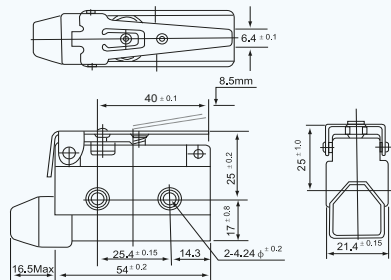
Tipul contactelor: C



Varianta cu tijă și arc

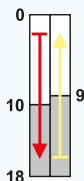


Cursa de acționare (mm)

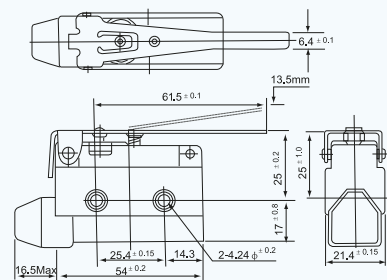


TRACON LS7140

Varianta cu tijă și arc

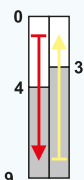


Cursa de acționare (mm)

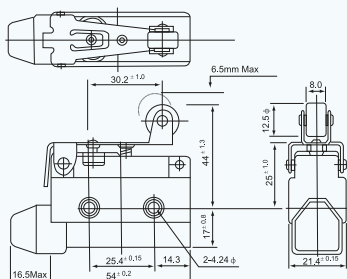


TRACON LS7120

Varianta cu tijă, arc și rolă

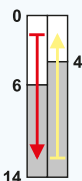


Cursa de acționare (mm)

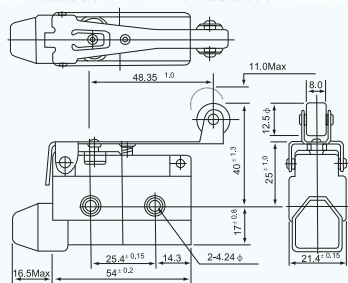


TRACON LS7141

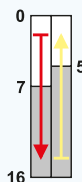
Varianta cu tijă, arc și rolă



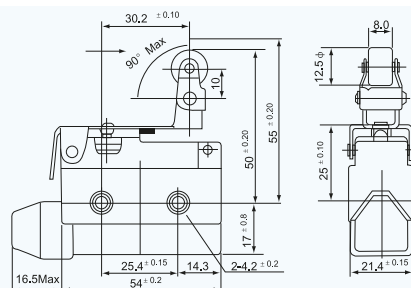
Cursa de acțiune (mm)

TRACON LS7121

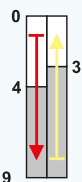
Varianta cu tijă, arc și rolă articulată



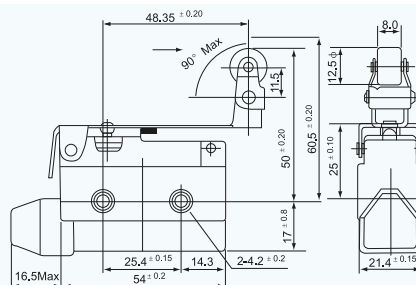
Cursa de acțiune (mm)

TRACON LS7144

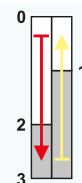
Varianta cu tijă, arc și rolă articulată



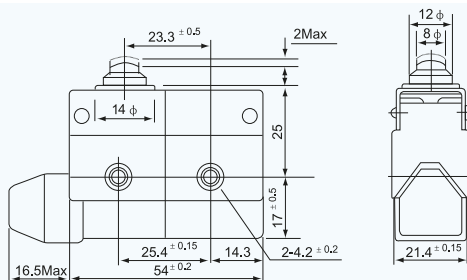
Cursa de acțiune (mm)

TRACON LS7124

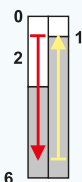
Varianta cu tampon



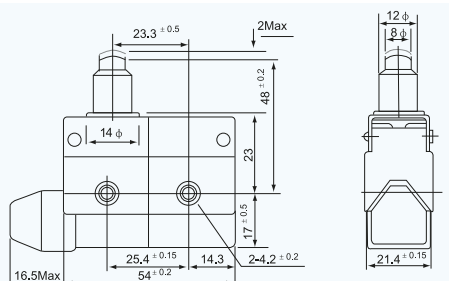
Cursa de acțiune (mm)

TRACON LS7100

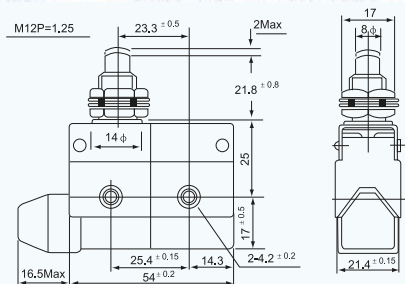
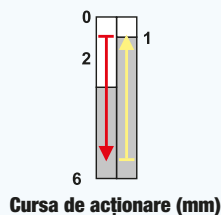
Varianta cu tampon conic



Cursa de acțiune (mm)

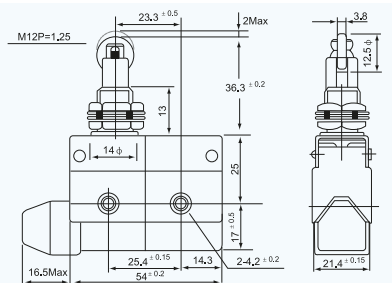
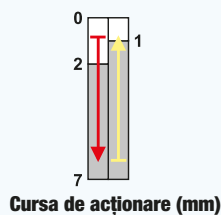
TRACON LS7110

Varianta cu tampon conic



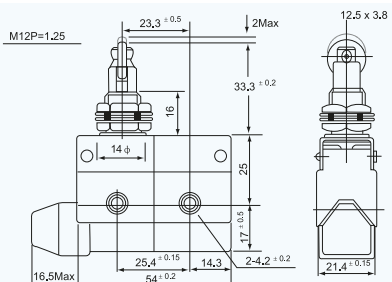
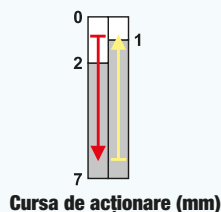
TRACON LS7310

Varianta cu rolă



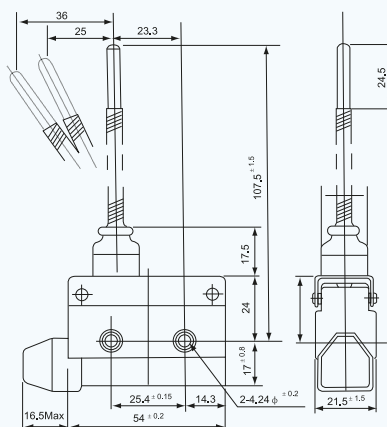
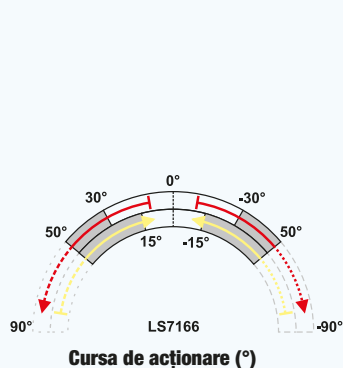
TRACON LS7311

Varianta cu rolă la 90°



TRACON LS7312

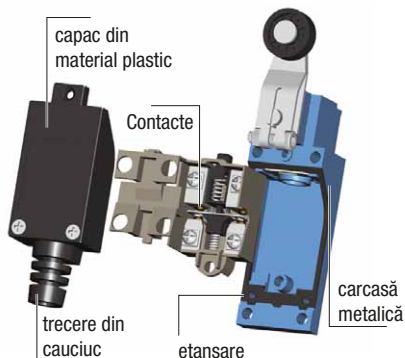
Varianta cu arc și tijă



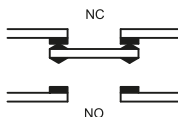
TRACON LS7166

Limitatoare de cursă, tip LSME...

I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 13, 230 V) 0,3 A	U_i 500 V	mm² 0,5-1,5	ON-OFF-ON... sc/h x1.800	T_a -25...+55°C	IP 65
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Tipul contactelor: Za



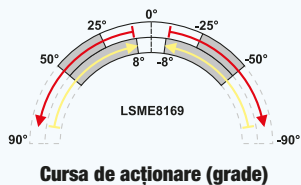
RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

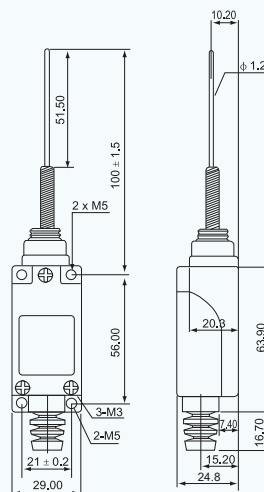
- contacte duble
- construcție masivă
- carcasă turnată din aluminiu și material plastic

- rezistent la apă și uleiuri
- mecanism cu arc dublu
- durată lungă de viață
- cablare ușoară

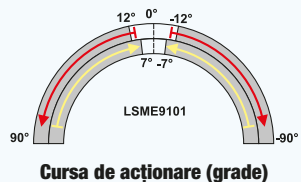
Varianta cu arc și tijă



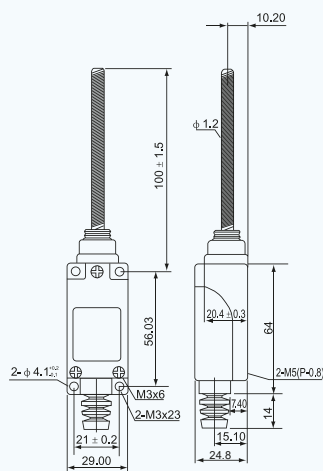
TRACON LSME8169



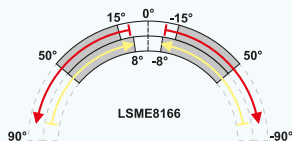
Varianta cu arc și tijă



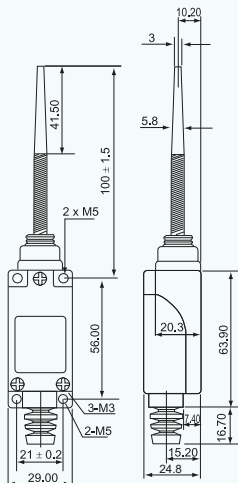
TRACON LSME9101



Varianța cu arc și tijă

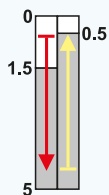


Cursa de acțiune (grade)

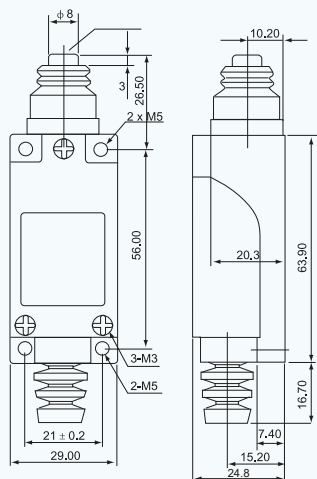


TRACON LSME8166

Varianța cu tampon conic

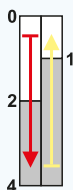


Cursa de acțiune (mm)

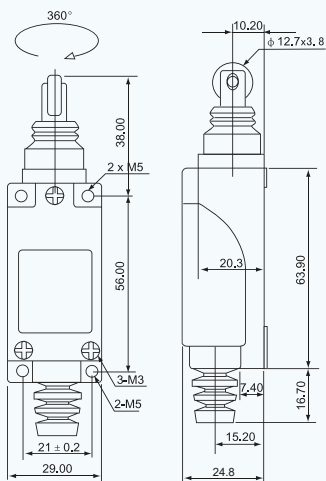


TRACON LSME8111

Varianța cu rolă la 90°

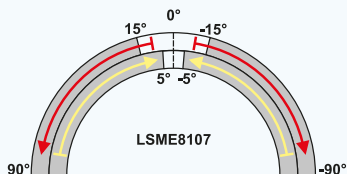


Cursa de acțiune (mm)



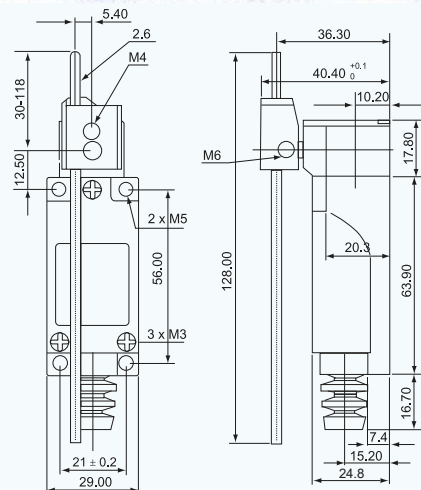
TRACON LSME8122

Varianța cu braț balansier și tijă

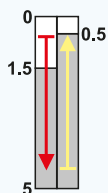


Cursa de acționare (°)

TRACON LSME8107

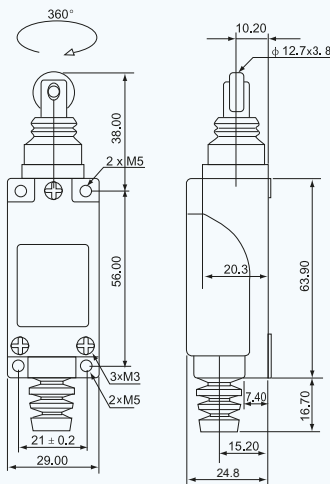


Varianța cu rolă

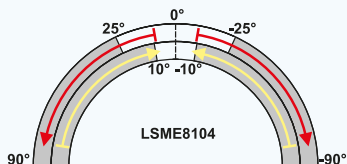


Cursa de acționare (mm)

TRACON LSME8112

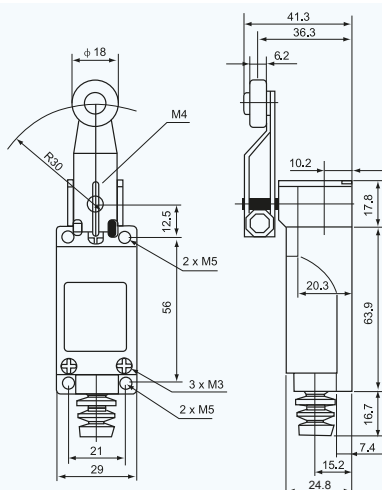


Varianța cu braț balansier

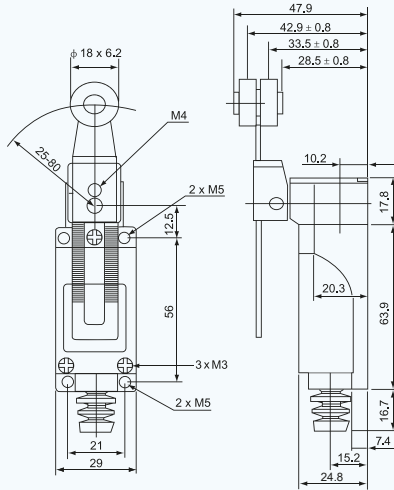
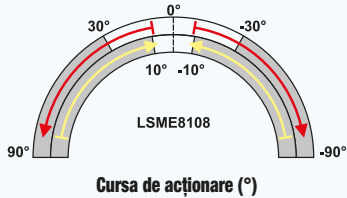


Cursa de acționare (°)

TRACON LSME8104



Varianta cu braț reglabil și rolă



TRACON LSME8108

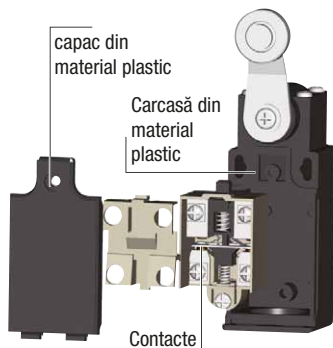
STL...



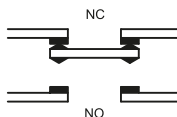
LANTERNE

Limitatoare de cursă, tip VP...

I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 15, 250 V) 0,3 A	U_i 500 V	[mm²] 0,75-1,5	5×10⁶	ON-OFF-ON... sc/h ×1.800	T_a -25...+55°C	IP 65
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Tipul contactelor: Za

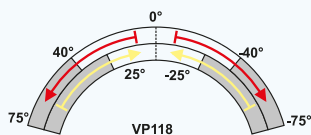
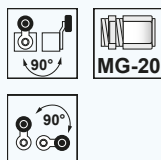


- contacte duble
- carcasă din material plastic solidă
- construcție masivă
- comutare precisă
- durată lungă de viață
- cablare ușoară

RELEVANT STANDARD
EN 60947-5-1

RELEVANT STANDARD
EN 60947-1

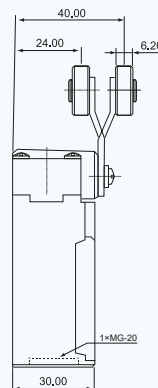
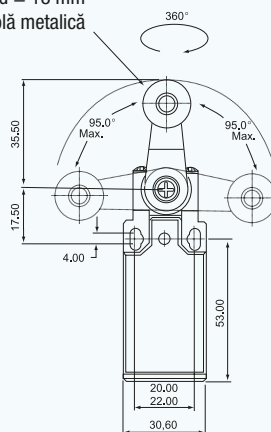
Varianta cu braț balansier



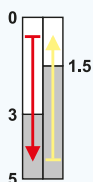
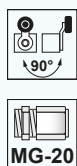
Cursa de acționare (°)

TRACON VP118

d = 18 mm
rolă metalică



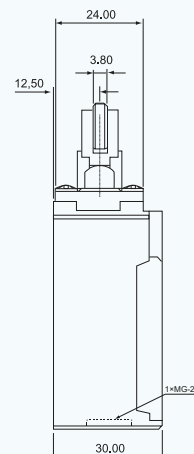
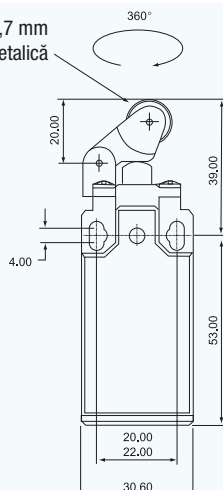
Varianta cu rolă și tampon



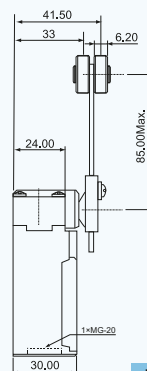
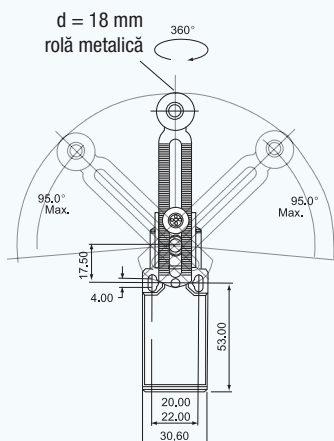
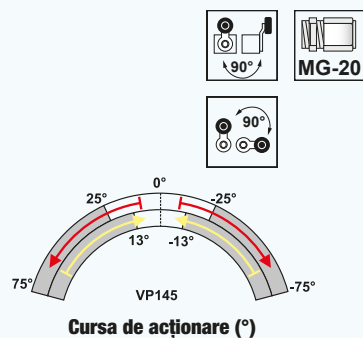
Cursa de acționare (mm)

TRACON VP121

d = 12,7 mm
rolă metalică

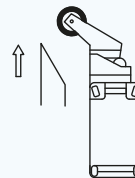
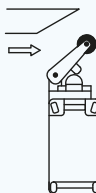
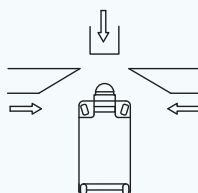


Varianța cu braț reglabil și rolă



TRACON VP145

Direcții de acționare

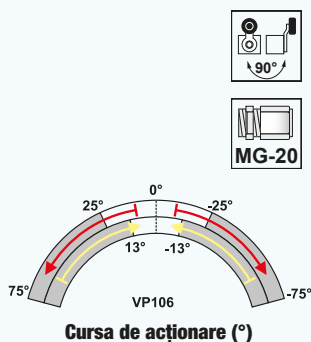


TGE

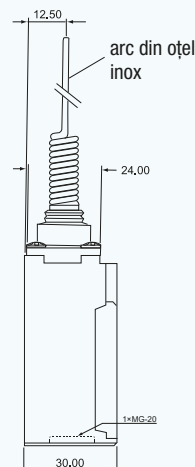
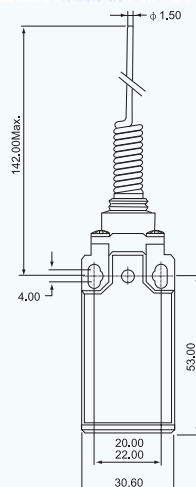
CUTII DE DISTRIBUȚIE

TRACON
ELECTRIC®

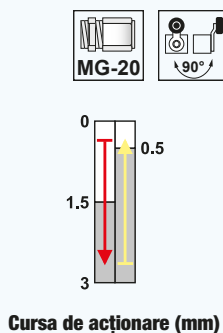
Varianta cu arc



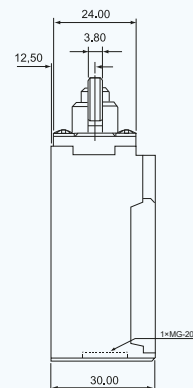
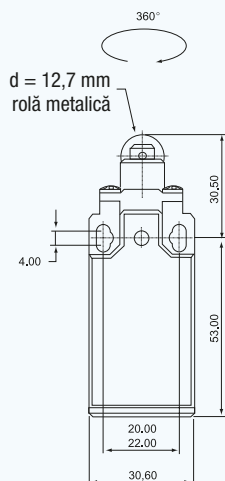
TRACON VP106



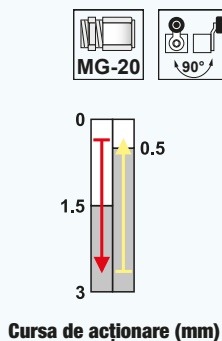
Varianta cu rolă



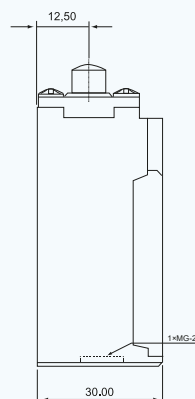
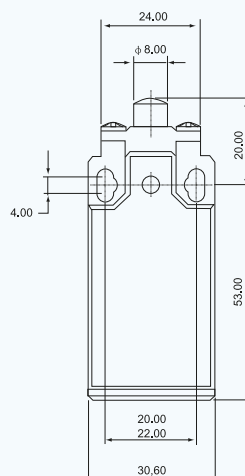
TRACON VP102



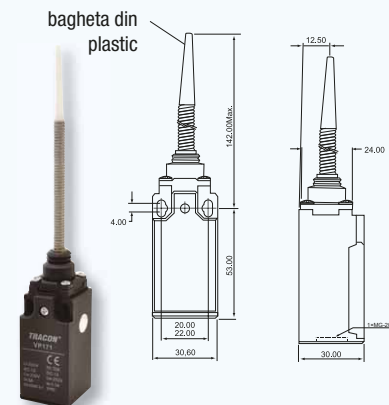
Varianta cu tampon conic



TRACON VP110

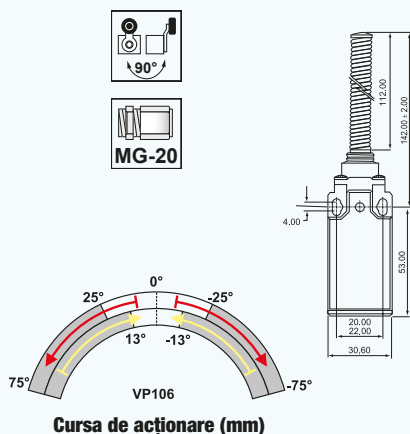


Varianta cu arc și tijă



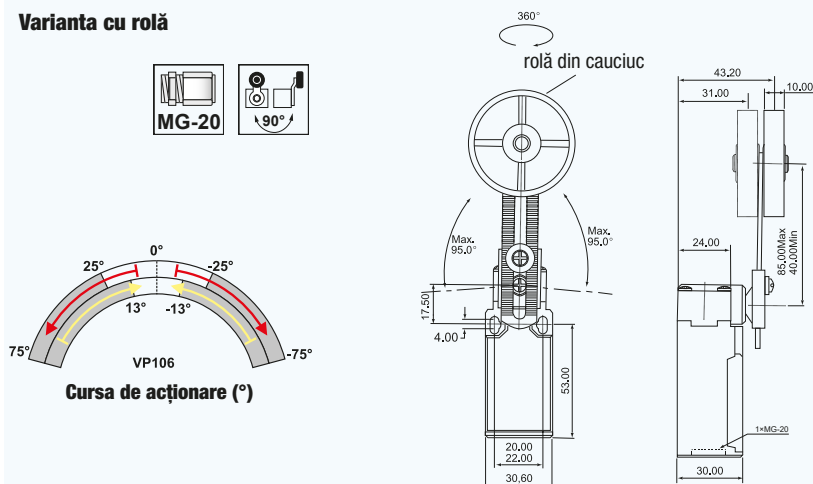
TRACON VP171

Varianta cu arc



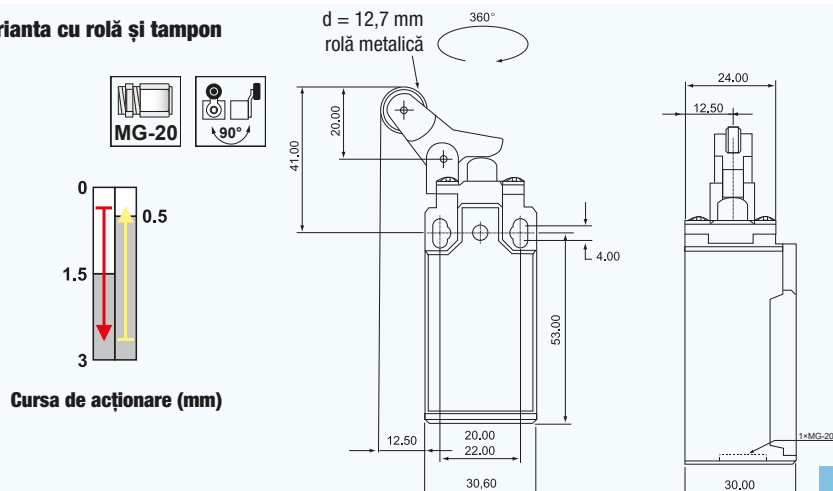
TRACON VP181

Varianta cu rolă



TRACON VP191

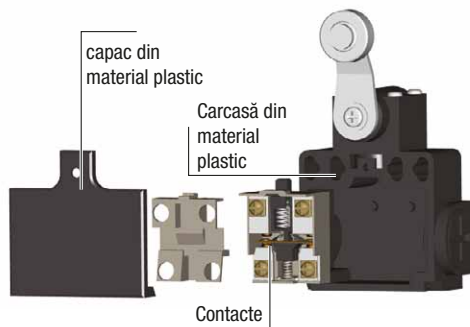
Varianta cu rolă și tampon



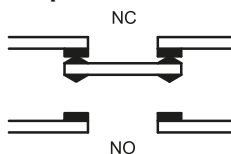
TRACON VP127

Limitatoare de cursă, tip VT...

I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 15, 230 V) 0,3 A	U_i 500 V	[mm²] 0,75-1,5	[x10⁷] x10 ⁷	ON-OFF-ON... sc/h x1.800	T_a -25...+55°C	IP 65
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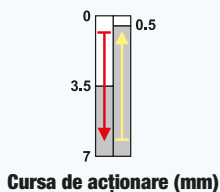
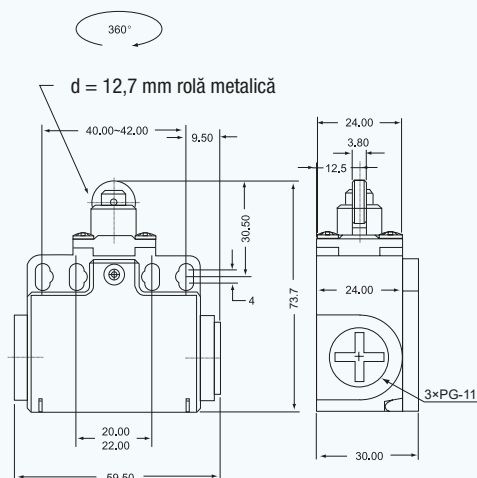


Tipul contactelor: Za

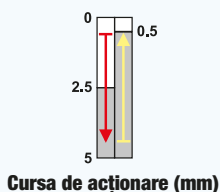
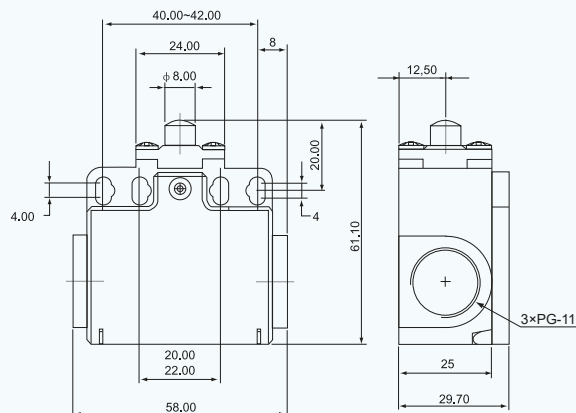

RELEVANT STANDARD
EN 60947-1
RELEVANT STANDARD
EN 60947-5-1

- contacte duble
- carcasă din material plastic solidă
- construcție masivă
- comutare precisă
- durată lungă de viață

Varianta cu rolă


TRACON VT102


Varianta cu tampon conic


TRACON VT110


Technical drawing of the PG-11 pressure washer, showing dimensions and components.

Dimensions (mm):

- Overall width: 59.50
- Overall height: 39.00
- Trigger gun width: 20.00
- Trigger gun height: 12.50
- Trigger gun rotation: 360°
- Trigger gun roller diameter: $d = 13,5$ mm rolă plastic
- Trigger gun roller width: 5.6
- Trigger gun roller height: 12.50
- Trigger gun roller width: 24.00
- Trigger gun roller height: 29.7
- Trigger gun roller width: 24.00
- Trigger gun roller height: 29.7

Components:

- PG-11 (Main body)
- 3xPG-11 (Trigger gun)

**VT121**

360°

d = 19 mm rolă plastic

36°

95.75

36

17.5

4

20.00

22.00

40.00-42.00

9.5

59.5

43

6.20

24.00

24.00

24.00

29.70

3xPG-11

0°

5° -5°

-40°

-70°

PG-11

90°

90°

95.0° Max.

95.0° Max.

de acționare (°)

**VT118**

gălbil și rolă

d = 18 mm rolă metalică

PG-11

90°

95.0° Max.

95.0° Max.

41.50

6.20

24.00

144.75Max

85.00Max

30.00Min

24.00

20.00

40.00-42.00

9.5

59.5

17.5

14

0.5

3xPG-11

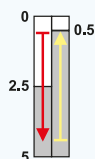
30.00

gălbilare (mm)



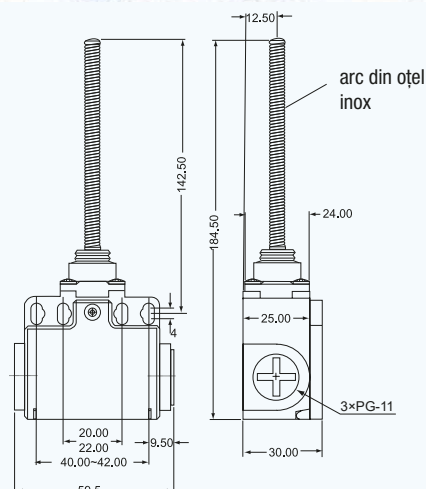
VT145

Varianta cu arc

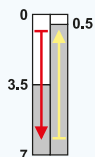


Cursa de acționare (mm)

TRACON VT181

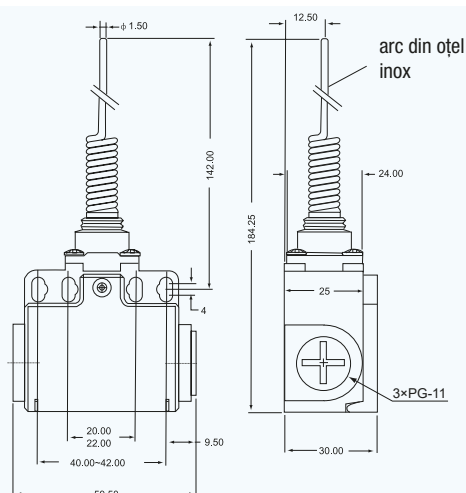


Varianta cu arc și tijă

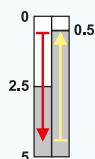


Cursa de acționare (mm)

TRACON VT106

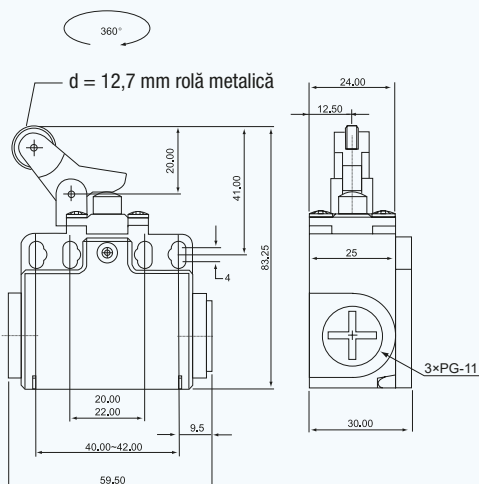


Varianta cu rolă și tampon

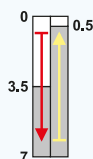


Cursa de acționare (mm)

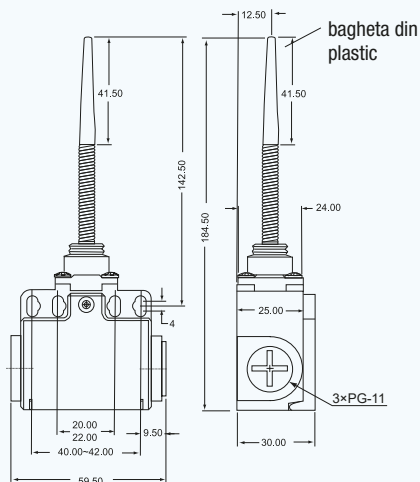
TRACON VT127



Varianța cu arc și tijă

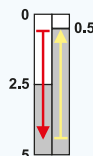


Cursa de acționare (mm)

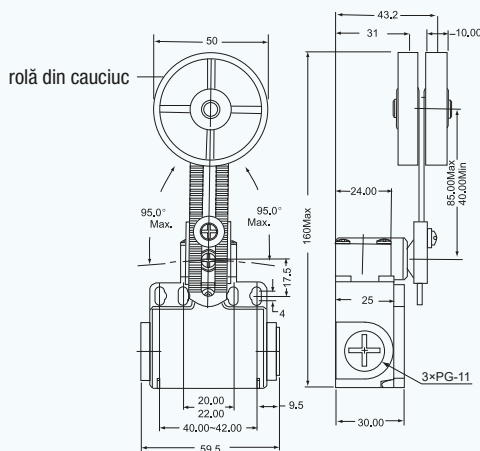


TRACON VT171

Varianța cu braț reglabil și rolă



Cursa de acționare (mm)



TRACON VT191

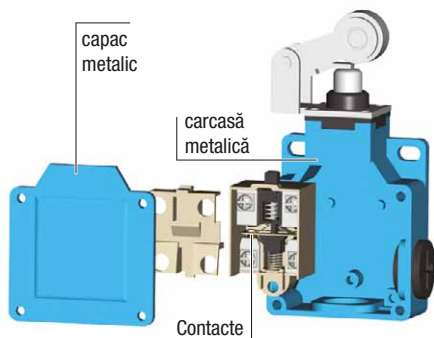
MP

SIGILII DE MARCARE ȘI SIGILII
PENTRU APARATE DE MĂSURĂ

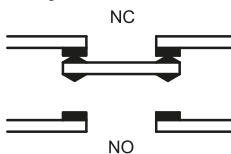


Limitatoare de cursă, tip VM

I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 13, 250 V) 0,3 A	U_i 500 V	[mm²] 0,75-1,5	5×10⁶	ON-OFF-ON... sc/h ×3.600	T_a -25...+55°C	IP 66	
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Tipul contactelor: Za

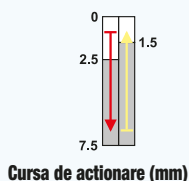
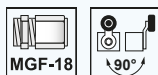


- contacte duble
- capac metalic solid
- construcție masivă
- rezistent la apă și uleiuri
- durată lungă de viață
- cablare ușoară

RELEVANT STANDARD
EN 60947-1

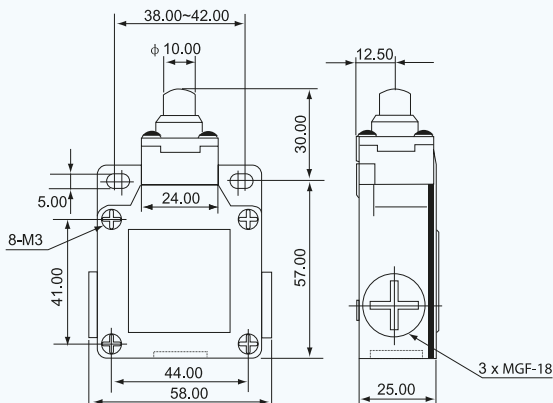
RELEVANT STANDARD
EN 60947-5-1

Varianta cu tampon conic

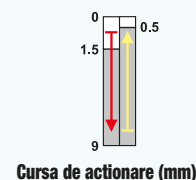
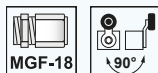


Cursa de acționare (mm)

TRACON VM110

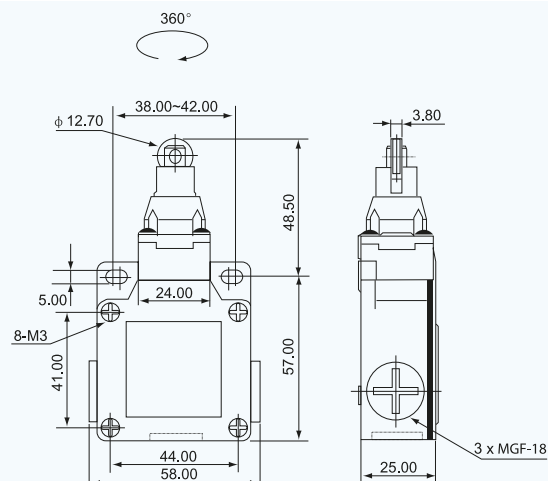


Varianta cu rolă

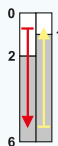
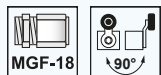


Cursa de acționare (mm)

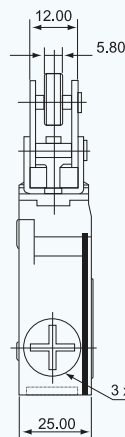
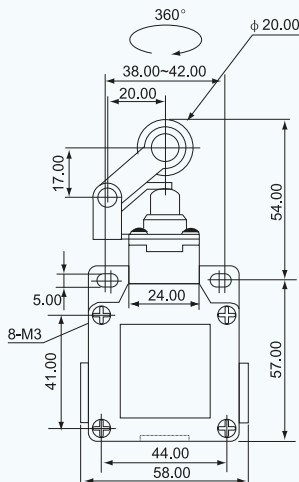
TRACON VM102



Varianța cu rolă și tampon

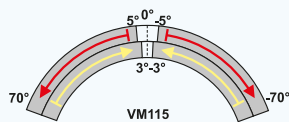
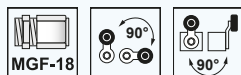


Cursa de acționare (mm)

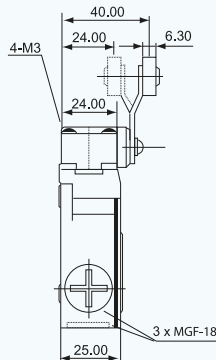
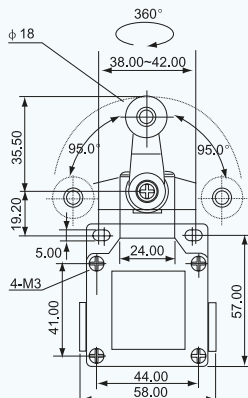


TRACON VM121

Varianța cu braț balansier

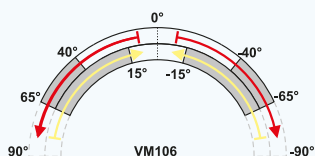


Cursa de acționare (°)

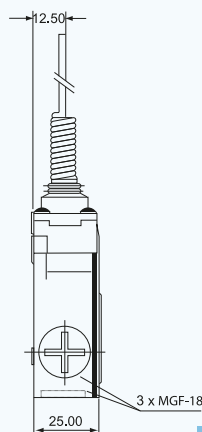
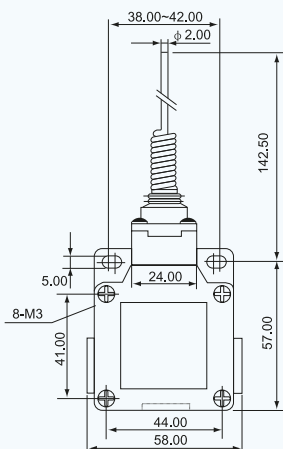


TRACON VM115

Varianța cu arc și tijă

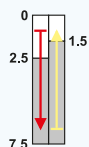
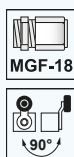


Cursa de acționare (°)



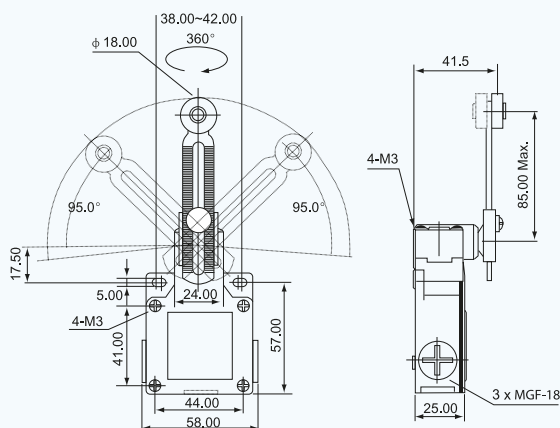
TRACON VM106

Varianta cu braț reglabil și rolă

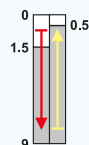
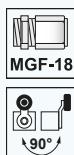


Cursa de acționare (mm)

TRACON VM145

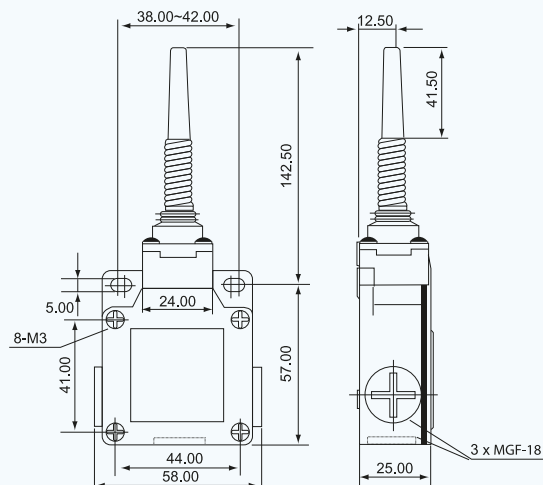


Varianta cu arc și tijă

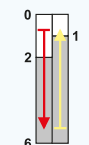
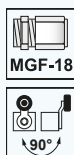


Cursa de acționare (mm)

TRACON VM171

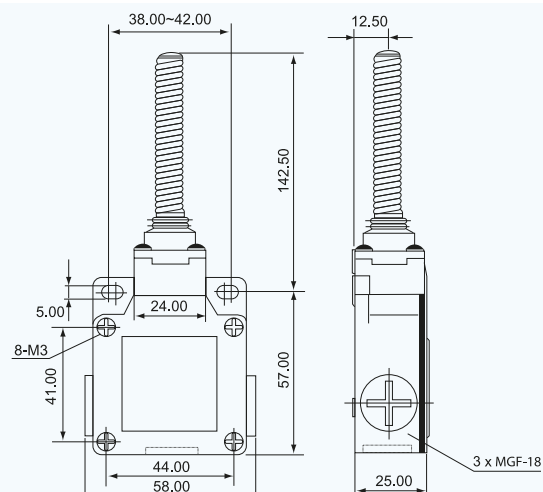


Varianta cu arc



Cursa de acționare (mm)

TRACON VM181



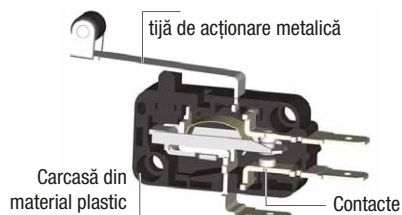
TRACON
HARMONY

ILUMINAT DECORATIV
DE CRĂCIUN

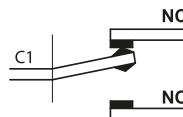


Limitatoare de cursă KW (micro-întrerupătoare)

I_{th} 10 A	I_e (AC 1, 230 V) 5 A	I_e (AC 15, 230 V) 2 A	I_e (DC 15, 250 V) 0,3 A	U_i 500 V	(mm²) 0,75-1,5	ON-OFF-ON... sc/h x600	T_a -25...+80°C	IP 00
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Tipul contactelor: C



RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

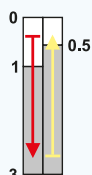
Varianta cu tampon



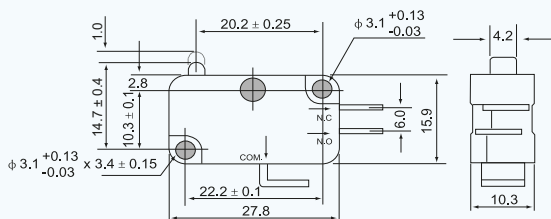
TRACON

KW3-01 6,3×0,8 mm

KW3-05 4,8×0,5 mm



Cursa de acționare (mm)



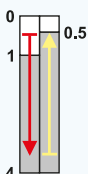
Varianta cu tijă-arc



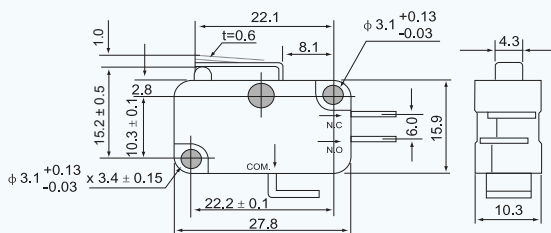
TRACON

KW3-11 6,3×0,8 mm

KW3-15 4,8×0,5 mm



Cursa de acționare (mm)



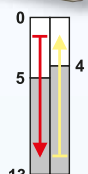
Varianta cu tijă-arc



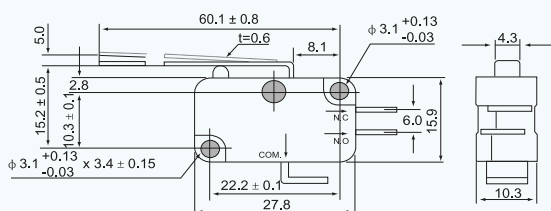
TRACON

KW3-21 6,3×0,8 mm

KW3-25 4,8×0,5 mm

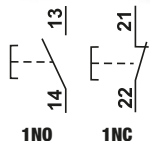


Cursa de acționare (mm)

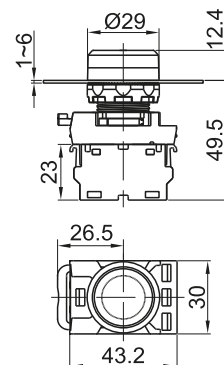


Butoane simple

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+40°C	
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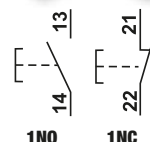


TRACON			
NYG3-BK			1 × NO
NYG3-G			1 × NO
NYG3-W			1 × NO
NYG3-Y			1 × NO
NYG3-B			1 × NO
NYG3-R			1 × NC
RELEVANT STANDARD EN 60947-1		RELEVANT STANDARD EN 60947-5-1	

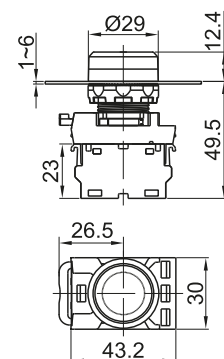


Comutatoare simple

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	F_{off} max. 15 N	T_a -25...+40°C	
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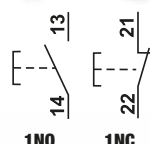


TRACON			
NYK3-BK			1 × NO
NYK3-G			1 × NO
NYK3-W			1 × NO
NYK3-Y			1 × NO
NYK3-B			1 × NO
NYK3-R			1 × NC
RELEVANT STANDARD EN 60947-1		RELEVANT STANDARD EN 60947-5-1	

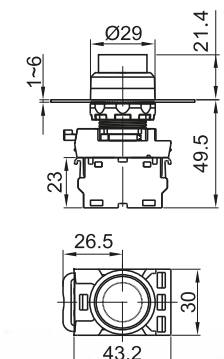


Butoane în relief

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+40°C	
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TRACON			
NYG3-HBK			1 × NO
NYG3-HG			1 × NO
NYG3-HW			1 × NO
NYG3-HY			1 × NO
NYG3-HB			1 × NO
NYG3-HR			1 × NC
RELEVANT STANDARD EN 60947-1		RELEVANT STANDARD EN 60947-5-1	

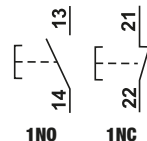
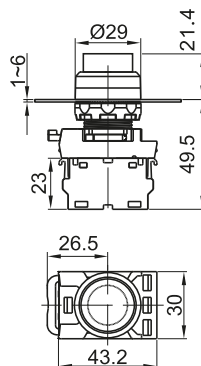


Comutatoare în relief

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	×10⁶	F_{on} max. 20 N	F_{off} max. 15 N	T_a -25...+40°C	22 mm
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TRACON		IP 42		IP42		NC NO	
NYK3-HBK						1 × NO	
NYK3-HG						1 × NO	
NYK3-HW						1 × NO	
NYK3-HY						1 × NO	
NYK3-HB						1 × NO	
NYK3-HR						1 × NC	
RELEVANT STANDARD EN 60947-1		RELEVANT STANDARD EN 60947-5-1					

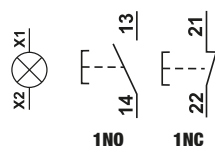
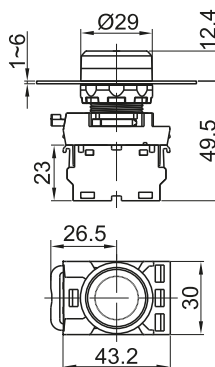


Butoane cu semnalizare luminoasă

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	×10⁶	F_{on} max. 20 N	T_a -25...+40°C	22 mm	Ba9s
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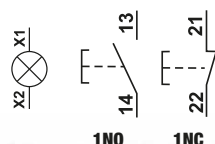
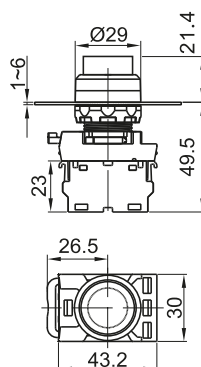
TRACON		IP 65		IP65		NC NO	
NYG3-LG						1 × NO	
NYG3-LW						1 × NO	
NYG3-LY						1 × NO	
NYG3-LB						1 × NO	
NYG3-LR						1 × NC	
NYG3-HLG*						1 × NO	
NYG3-HLW*						1 × NO	
NYG3-HLY*						1 × NO	
NYG3-HLB*						1 × NO	
NYG3-HLR*						1 × NC	
RELEVANT STANDARD EN 60947-1		RELEVANT STANDARD EN 60947-5-1					



* Tipuri în relief, IP 42



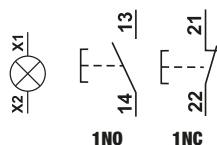
K/32



Comutatoare cu semnalizare luminoasă



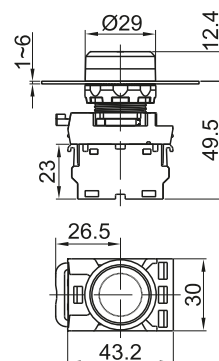
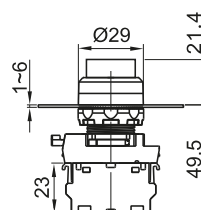
NYG3-L..



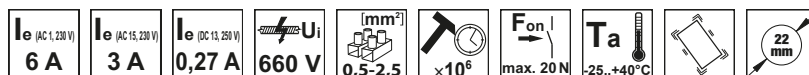
NYG3-H..

TRACON		IP 65		IP65		NC NO	
NYK3-LG						1 × NO	
NYK3-LW						1 × NO	
NYK3-LY						1 × NO	
NYK3-LB						1 × NO	
NYK3-LR						1 × NC	
NYK3-HLG*						1 × NO	
NYK3-HLW*						1 × NO	
NYK3-HLY*						1 × NO	
NYK3-HLB*						1 × NO	
NYK3-HLR*						1 × NC	

* Tipuri în relief (IP42)

RELEVANT STANDARD
EN 60947-1RELEVANT STANDARD
EN 60947-5-1

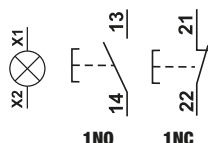
Butoane inscripționate



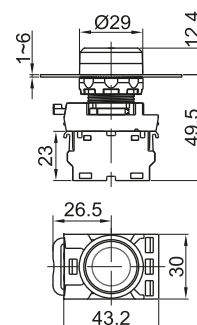
NYG3-P..



NYG3-P..L



TRACON		IP 65		IP65		NC NO	
NYG3-P1	I					1 × NO	
NYG3-P4	→					1 × NO	
NYG3-P3	→					1 × NO	
NYG3-P2	0					1 × NC	
NYG3-P1L	I					1 × NO	
NYG3-P4L	→					1 × NO	
NYG3-P3L	→					1 × NO	
NYG3-P2L	0					1 × NC	

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Comutatoare inscripționate

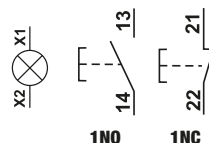
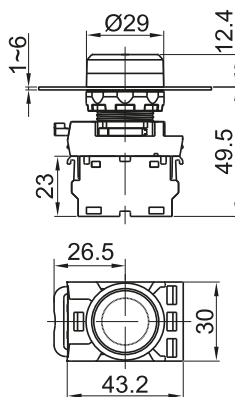


TRACON		
	IP 65	
NYK3-P1	I	1 x NO
NYK3-P4	→	1 x NO
NYK3-P3	→	1 x NO
NYK3-P2	0	1 x NC
NYK3-P1L	I	1 x NO
NYK3-P4L	→	1 x NO
NYK3-P3L	→	1 x NO
NYK3-P2L	0	1 x NC

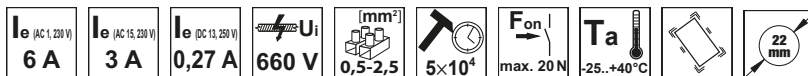
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RELEVANT STANDARD EN 60947-1

RELEVANT STANDARD EN 60947-5-1



Butoane tip ciupercă

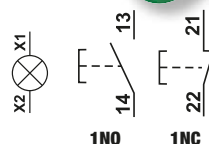
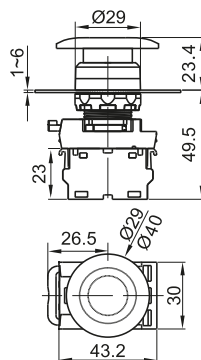


TRACON		
	IP 65	
NYG3-MBK		1 x NO
NYG3-MG		1 x NO
NYG3-MY		1 x NO
NYG3-MB		1 x NO
NYG3-MR		1 x NC
NYG3-MLG		1 x NO
NYG3-MLY		1 x NO
NYG3-MLB		1 x NO
NYG3-MLR		1 x NC

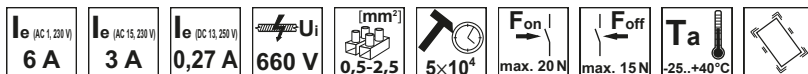
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RELEVANT STANDARD EN 60947-1

RELEVANT STANDARD EN 60947-5-1



Buton de avarie, cu zăvorâre

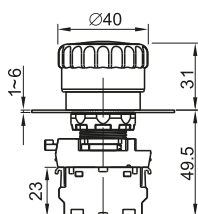


TRACON		
	IP 65	
NYG3-ETR		1 x NC
NYG3-ETLR	STOP	1 x NC

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RELEVANT STANDARD EN 60947-1

RELEVANT STANDARD EN 60947-5-1



Butoane duble, porni/oprit

Ie (AC 1, 230 V)
6 A

Ie (AC 15, 230 V)
3 A

Ie (DC 13, 250 V)
0,27 A

Ui
660 V

[mm²]
0,5-2,5

$\times 10^6$

Fon I
max. 20 N

Ta
-25...+40°C

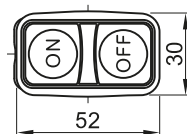
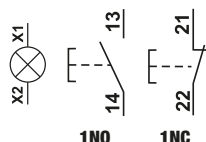
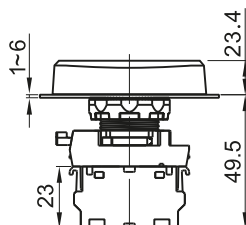
22 mm

22 mm

Legendă pictograme **K/O**



TRACON					
IP 65		IP65		NC NO	
NYG3-D				1xNO+1xNC	
NYG3-D1	I	O		1xNO+1xNC	
NYG3-D2	ON	OFF		1xNO+1xNC	
NYG3-DL				1xNO+1xNC	
NYG3-DL1	I	O		1xNO+1xNC	
NYG3-DL2	ON	OFF		1xNO+1xNC	



RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

Comutatoare cu braț

Ie (AC 1, 230 V)
6 A

Ie (AC 15, 230 V)
3 A

Ie (DC 13, 250 V)
0,27 A

Ui
660 V

[mm²]
0,5-2,5

30×10^4

Ta
-25...+40°C

22 mm

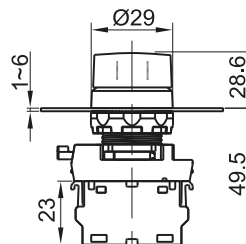
22 mm

22 mm

Legendă pictograme **K/O**

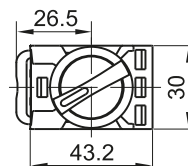


TRACON					
IP 65		IP65		NC NO	
Normale	NYK3-S21BK			1xNO+1xNC	
	NYK3-S31BK			2 x NO	
	NYK3-S24BK			1xNO+1xNC	
	NYK3-S32BK			2 x NO	
Revenire cu arc	NYK3-S33BK			2 x NO	
	NYK3-S34BK			2 x NO	



RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

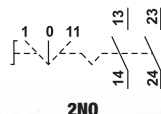
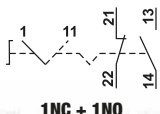
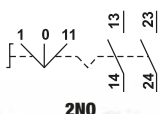
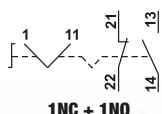


Normal, cu două poziții

Normal, cu trei poziții

Două poziții, revenire cu arc

Trei poziții, revenire cu arc



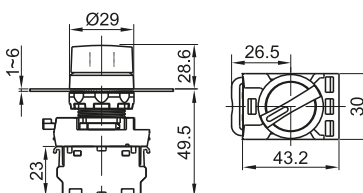
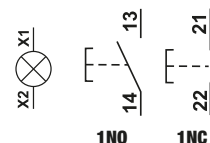
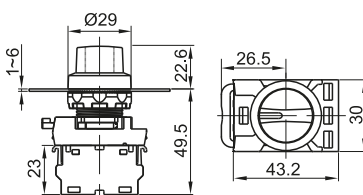
Comutatoare cu braț luminos

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	Ta 30×10⁴	Ta -25...+40°C	22 mm	Ba9s
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NYK3-SL21R		1xNO+1xNC
NYK3-SL21G		1xNO+1xNC
NYK3-SL21Y		1xNO+1xNC
NYK3-SL21B		1xNO+1xNC
NYK3-SL24R		1xNO+1xNC
NYK3-SL24G		1xNO+1xNC
NYK3-SL24Y		1xNO+1xNC
NYK3-SL24B		1xNO+1xNC
NYK3-SL31R		1xNO+1xNC
NYK3-SL31G		1xNO+1xNC
NYK3-SL31Y		1xNO+1xNC
NYK3-SL31B		1xNO+1xNC
NYK3-SL34R		1xNO+1xNC
NYK3-SL34G		1xNO+1xNC
NYK3-SL34Y		1xNO+1xNC
NYK3-SL34B		1xNO+1xNC

page
K/32



Comutatoare cu cheie

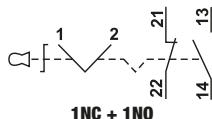
I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	Ta 5×10⁴	Ta -25...+40°C	22 mm
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Normale	NYK3-K21		1xNO+1xNC
	NYK3-K31		1xNO+1xNC
Revenire cu arc	NYK3-K24		1xNO+1xNC
	NYK3-K34		1xNO+1xNC

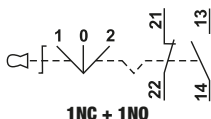
page
K/32

Normal, cu două poziții



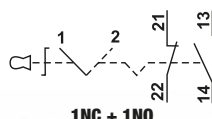
1NC + 1NO

Normal, cu trei poziții



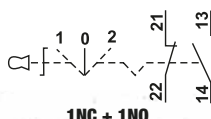
1NC + 1NO

Două poziții,
revenire cu arc

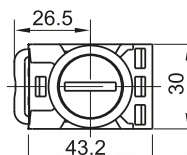
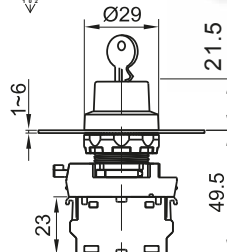


1NC + 1NO

Trei poziții,
revenire cu arc



1NC + 1NO



Legendă pictograme

K/0

RELEVANT STANDARD
EN 60947-1
EN 60947-5-1

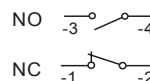
Elemente de contact

I_e (AC 1,230 V) 6 A	I_e (AC 15,230 V) 3 A	I_e (DC 15,250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	T_a -25...+40°C	
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TRACON		
NYG3-CE1		1 x NO
NYG3-CE2		1 x NC

**Legendă
pictograme**

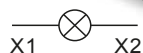
K/0

Soclu Ba9s pentru seria NYG3



U_i 660 V	$[mm^2]$ 0,5-2,5	T_a -25...+40°C	
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TRACON		
NYG3-SOC		Ba9s

**K/44**

Carcase

T_a -25...+40°C		IP 65	$\% RH$ max. 90	$\varnothing$ 22 mm
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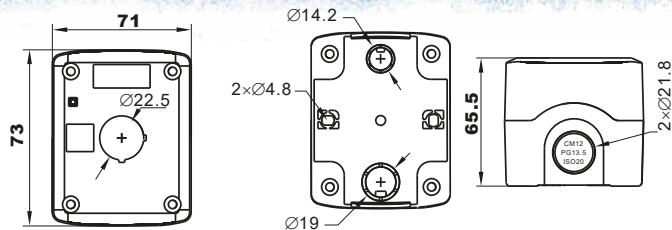


TRACON		$L \times W \times H$ (mm)
NYGD-1GR		73 x 71 x 65.5
NYGD-1YE		73 x 71 x 65.5
NYGD-2GR		130 x 71 x 65.5
NYGD-2YE		130 x 71 x 65.5
NYGD-3GR		170 x 71 x 65.5
NYGD-3YE		170 x 71 x 65.5

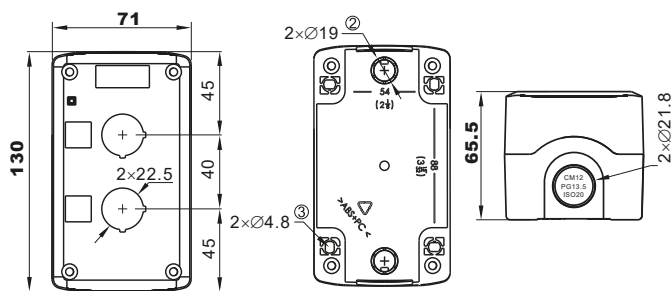
TRACON		$L \times W \times H$ (mm)
NYGD-4GR		210 x 71 x 65.5
NYGD-4YE		210 x 71 x 65.5
NYGD-5GR		250 x 71 x 65.5
NYGD-5YE		250 x 71 x 65.5
NYGD-6GR		290 x 71 x 65.5
NYGD-6YE		290 x 71 x 65.5

**NYGD-1GR****NYGD-2YE****NYGD-3GR****K/32**

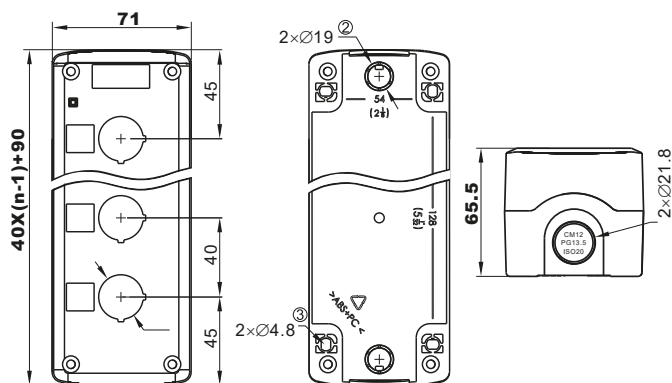
TRACON
ELECTRIC®



NYGD-4YE



NYGD-5GR



NYGD-6YE



Accesorii

TRACON



NYG3-CAP	Capac de protecție, d=22mm; h=16mm; SILICA GEL
NYG3-CAPH	Capac de protecție, d=22mm; h=22mm; SILICA GEL
NYG3-LHB	Etichetă pentru inscripționare(se clipsează din spate), 25×10mm; ABS
NYG3-LHBH	Etichetă pentru inscripționare(se clipsează din spate), 25×17mm; ABS
NYG3-LHS	Etichetă pentru inscripționare(culisează din lateral), 25×10mm; ABS
NYG3-LHSH	Etichetă pentru inscripționare(culisează din lateral), 25×17mm; ABS
NYG3-BLP	Placă oarbă, d=22mm; ABS
NYGR25/22	Inel de adaptare, D=25/d=22mm; ABS
NYGR30/22	Inel de adaptare de la D=30 mm la d=22 mm (o pereche)
NYGR38/22	Inel de adaptare de la D=38 mm la d=22 mm (o pereche)
NYG3-SCAP	Capac care se poate plomba, D=30mm/d=22mm; h=20mm; POLICARBONAT
NYG3-LCAP	Capac care se poate zăvorî, D=50mm/d=22mm; h=32mm; POLICARBONAT
NYG3-ES60	Plăcuță EMERGENCY STOP, d=60mm; h=2mm;ABS
NYG3-ES90	Plăcuță EMERGENCY STOP, d=90mm; h=2mm;ABS
NYG3-P30	Inel de protecție circular, d=48mm; h=27 mm; ABS
NYG3-PH30	Inel de protecție dințat, d=30; h=28mm; ABS
NYG3-P60	Inel de protecție circular, d=60mm; ABS
NYGD-FR	Inel de protecție circular, d=60mm; h=30 mm; ABS
NYG3-ES60H	Plăcuță EMERGENCY STOP, d=60mm, h=8mm, ABS
NYG3-PH65	Inel de protecție, curbat, W=65mm, H=80mm, D=38mm, ABS



NYG3-CAP



NYG3-LH



NYG3-BLP



NYGR25/22



NYGD-FR



NYG3-SCAP



NYG3-LCAP



NYG3-ES..



NYP3-P..



NYG3-PH30



NYG3-PH65



NYGR3..



Indicatoare de tensiune, curent, sonerii



660 V



10 A gG



IP 65



22 mm



Ta

-10...+40 °C

Legendă
pictograme

K/O

TRACON

U_mI_m

NYG3-VR		LED	24-500 V AC	—	—	
NYG3-VG	V AC	LED	24-500 V AC	—	—	
NYG3-VY		LED	24-500 V AC	—	—	
NYG3-AR		LED	—	1-100 A	—	
NYG3-AG	A AC	LED	—	1-100 A	—	
NYG3-AY		LED	—	1-100 A	—	
NYG3-BFR230	—	LED, blink	230 V AC	—	✓	
NYG3-BFR24	—	LED, blink	24 V AC/DC	—	✓	



NYG3-AR



NYG3-VR

NYG3-BFR..



CT



NYG3-AY



NYG3-AG



NYG3-VY



NYG3-VG

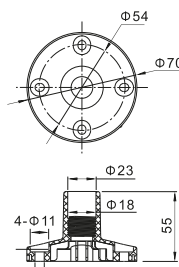
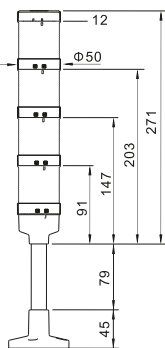


230 VAC

Coloane de semnalizare luminoasă

 U_i 660 V	 T_a -20...+50°C	 10 A gG	IP 65	SMD LED
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TRACON	U _m						
NYG3-50RYG	AC 230 V				—	—	X
NYG3-50RYGB	AC 230 V					—	X
NYG3-50RYGBW	AC 230 V						X
NYG3-50RYGM	AC/DC 24 V				—	—	✓
NYG3-50RYGBM	AC/DC 24 V					—	✓
NYG3-50RYGBWM	AC/DC 24 V						✓



NYG3-50RYG



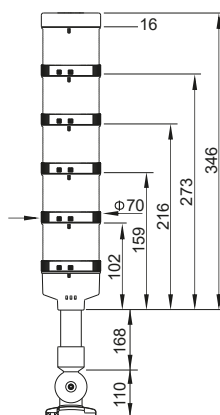
NYG3-50RYGB



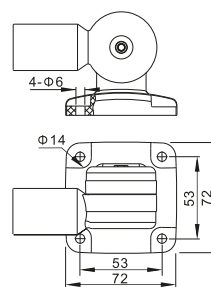
NYG3-50RYGBW

Coloană de semnalizare pachet de bază

TRACON	U_m		
NYG3-70KITAC230	230V AC		80 dB
NYG3-70230R	230V AC		—
NYG3-70230Y	230V AC		—
NYG3-70230G	230V AC		—
NYG3-70230W	230V AC		—
NYG3-70230B	230V AC		—
NYG3-70KITACDC24	24V AC/DC		80 dB
NYG3-7024R	24V AC/DC		—
NYG3-7024Y	24V AC/DC		—
NYG3-7024G	24V AC/DC		—
NYG3-7024W	24V AC/DC		—
NYG3-7024B	24V AC/DC		—



 U_i 660 V	 T_a -20...+50°C	 10 A gG
	IP 65	



NYG3-70KITAC230,
NYG3-70KITACDC24



NYG3-70230R,
NYG3-7024R



NYG3-70230Y,
NYG3-7024Y



NYG3-70230G,
NYG3-7024G

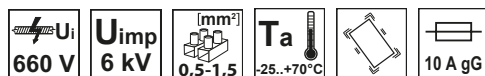


NYG3-70230W,
NYG3-7024W



NYG3-70230B,
NYG3-7024B

Lămpi de semnalizare cu LED, tip LJL...



**Legendă
pictograme**

K/O

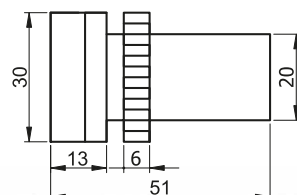
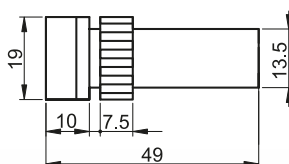
Dimensiune Ø 16 mm

TRACON		
IP 65		Um
LJL16-RA		12 V AC/DC
LJL16-RC		24 V AC/DC
LJL16-RD		48 V AC/DC
LJL16-RE		230 V AC/DC
LJL16-RF		400 V AC
LJL16-GA		12 V AC/DC
LJL16-GC		24 V AC/DC
LJL16-GD		48 V AC/DC
LJL16-GE		230 V AC/DC
LJL16-GF		400 V AC
LJL16-YA		12 V AC/DC
LJL16-YC		24 V AC/DC
LJL16-YD		48 V AC/DC
LJL16-YE		230 V AC/DC
LJL16-YF		400 V AC
LJL16-WA		12 V AC/DC
LJL16-WC		24 V AC/DC
LJL16-WD		48 V AC/DC
LJL16-WE		230 V AC/DC
LJL16-WF		400 V AC
LJL16-BA		12 V AC/DC
LJL16-BC		24 V AC/DC
LJL16-BD		48 V AC/DC
LJL16-BE		230 V AC/DC
LJL16-BF		400 V AC

Dimensiune Ø 22 mm

TRACON		
IP 65		Um
LJL22-RA		12 V AC/DC
LJL22-RC		24 V AC/DC
LJL22-RD		48 V AC/DC
LJL22-RE		230 V AC/DC
LJL22-RF		400 V AC
LJL22-GA		12 V AC/DC
LJL22-GC		24 V AC/DC
LJL22-GD		48 V AC/DC
LJL22-GE		230 V AC/DC
LJL22-GF		400 V AC
LJL22-YA		12 V AC/DC
LJL22-YC		24 V AC/DC
LJL22-YD		48 V AC/DC
LJL22-YE		230 V AC/DC
LJL22-YF		400 V AC
LJL22-WA		12 V AC/DC
LJL22-WC		24 V AC/DC
LJL22-WD		48 V AC/DC
LJL22-WE		230 V AC/DC
LJL22-WF		400 V AC
LJL22-BA		12 V AC/DC
LJL22-BC		24 V AC/DC
LJL22-BD		48 V AC/DC
LJL22-BE		230 V AC/DC
LJL22-BF		400 V AC

NYGD-1GR

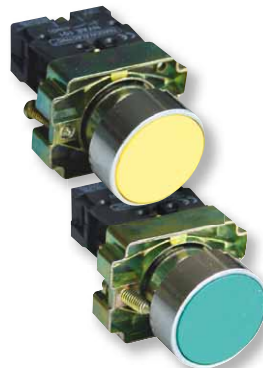
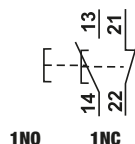
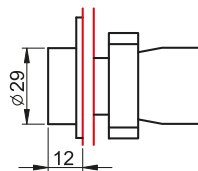
page
K/32

Butoane simple

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+70°C		
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TRACON					
	IP 42		+		
NYGBA21	NYGBA21T			NYGD-1GR	1 x NO
NYGBA31Z	NYGBA31ZT				1 x NO
NYGBA51S	NYGBA51ST			page	1 x NO
NYGBA61K	NYGBA61KT			K/32	1 x NO
NYGBA42P	NYGBA42PT				1 x NC



RELEVANT STANDARD
EN 60947-1

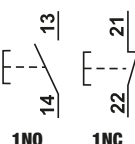
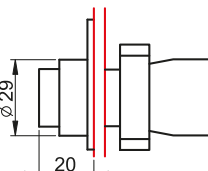
RELEVANT STANDARD
EN 60947-5-1

Butoane în relief

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+70°C		
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TRACON					
	IP 42		+		
NYGBL21	NYGBL21T			NYGD-1GR	1 x NO
NYGBL31Z	NYGBL31ZT				1 x NO
NYGBL51S	NYGBL51ST			page	1 x NO
NYGBL61K	NYGBL61KT			K/32	1 x NO
NYGBL42P	NYGBL42PT				1 x NC



RELEVANT STANDARD
EN 60947-1

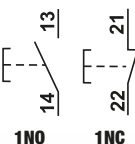
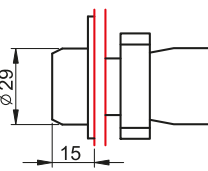
RELEVANT STANDARD
EN 60947-5-1

Butoane simple cu protecție de cauciuc

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+70°C		
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TRACON					
	IP 55		+		
NYGBP21	NYGBP21T			NYGD-1GR	1 x NO
NYGBP31Z	NYGBP31ZT				1 x NO
NYGBP51S	NYGBP51ST			page	1 x NO
NYGBP61K	NYGBP61KT			K/32	1 x NO
NYGBP42P	NYGBP42PT				1 x NC



RELEVANT STANDARD
EN 60947-1

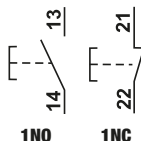
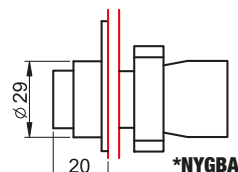
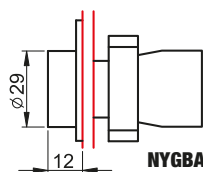
RELEVANT STANDARD
EN 60947-5-1

Butoane inscripționate

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 15, 250 V) 0,27 A	U_i 660 V	$[mm^2]$ 0,5-2,5	$\times 10^6$	F_{on} max. 20 N	T_a -25...+70°C				Legendă pictograme	K/0
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TRACON									
	IP 42		+						
NYGBA3351	NYGBA3351T				NYGD-1GR	1 x NO			
NYGBA3341	NYGBA3341T					1 x NO			
NYGBA3311Z	NYGBA3311ZT				page	1 x NO			
NYGBA4222P	NYGBA4222PT				K/32	1 x NC			
NYGBA4322P*	NYGBA4322PT*					1 x NC			

* Tipuri în relief



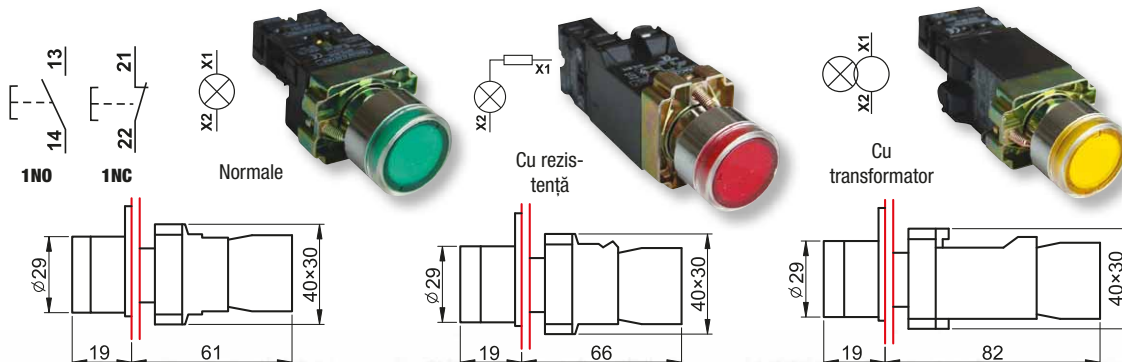
Butoane simple cu semnalizare luminoasă (Ba9s)

TRACON									
	IP 42		+						
	NYGBW33Z	-			NYGD-1GR	1 x NO	max. 400 V		NYGI230*
	NYGBW33S	NYGBW33ST			page	1 x NO	max. 400 V		NYGI230*
	NYGBW33K	NYGBW33KT			K/32	1 x NO	max. 400 V		NYGI230*
	NYGBW33P	NYGBW33PT				1 x NC	max. 400 V		NYGI230*
	NYGBW3371Z	NYGBW3371ZT			NYGD-1GR	1 x NO	230-240 V		NYGI130**
	NYGBW3571S	NYGBW3571ST			page	1 x NO	230-240 V		NYGI130**
	NYGBW3471P	NYGBW3471PT			K/32	1 x NC	230-240 V		NYGI130**
	NYGBW3341Z	-				1 x NO	230-240 V		NYGI6**
	NYGBW3541S	-				1 x NO	230-240 V		NYGI6**
	NYGBW3441P	-				1 x NC	230-240 V		NYGI6**
	NYGBW3351Z	-				1 x NO	400 V		NYGI6**
	NYGBW3551S	-				1 x NO	400 V		NYGI6**
	NYGBW3451P	-				1 x NC	400 V		NYGI6**

* Becul se alege în funcție de tensiunea de lucru.

** Tensiunea de lucru a becurilor din lămpile de semnalizare cu rezistență este de 130 V, iar a lămpilor cu transformator este de 6V

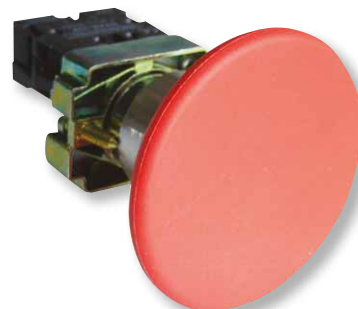
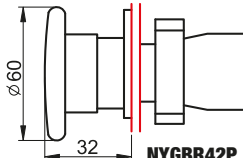
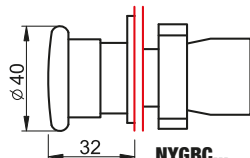
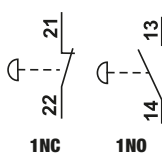
Comutatoarele cu braț luminos se livrează fără bec.



Butoane tip ciupercă

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	×10⁶	F_{on} max. 20 N	T_a -25...+70°C	22 mm	Legendă pictograme	K/0
--	---	--	--------------------------------------	---	------------------------	---	--	--------------	---------------------------	------------

TRACON				IP 42		IP 65		NC NO		40 mm	
NYGBC21	NYGBC21T	-								1 × NO	
NYGBC31Z	NYGBC31ZT	-								1 × NO	
NYGBC51S	NYGBC51ST	-								1 × NO	
NYGBC61K	NYGBC61KT	-								1 × NO	
NYGBC42P	NYGBC42PT	NYGBC42PTS								1 × NC	
NYGBR42P	NYGBR42PT	NYGBR42PTS								1 × NC	60 mm



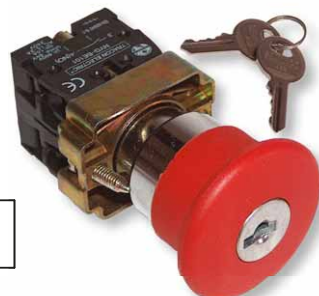
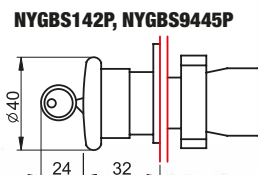
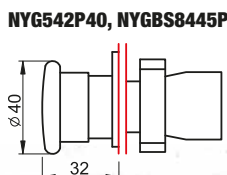
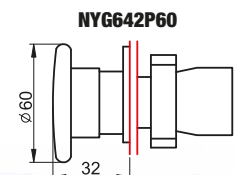
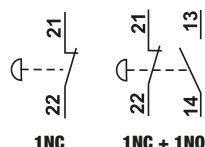
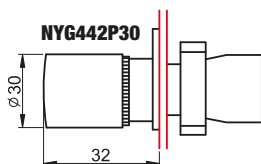
RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

Butoane de avarie tip ciupercă, cu cheie

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	×10⁶	F_{on} max. 20 N	F_{off} max. 15 N	T_a -25...+70°C	Legendă pictograme	K/0
--	---	--	--------------------------------------	---	------------------------	---	--	--	---------------------------	------------

TRACON				IP 42		IP 65		NC NO		40 mm	
NYG442P30	NYG442P30T	NYG442P30TS								1 × NC	30 mm
NYG542P40	NYG542P40T	NYG542P40TS								1 × NC	40 mm
NYG642P60	NYG642P60T	NYG642P60TS								1 × NC	60 mm
NYGBS8445P	NYGBS8445PT	NYGBS8445PTS								1 × NC+1 × NO	40 mm
NYGBS142P	NYGBS142PT	NYGBS142PTS								1 × NC	40 mm
NYGBS9445P	NYGBS9445PT	NYGBS9445PTS								1 × NC+1 × NO	40 mm



Butoane duble, pornit/oprit

I_e (AC 1, 230 V)
6 AI_e (AC 15, 230 V)
3 AI_e (DC 13, 250 V)
0,27 AU_i
660 V[mm²]
0,5-2,5×10⁶F_{on} I
max. 20 NT_a
-25...+70°C

22 mm

22 mm

Legendă
pictograme

K/O

TRACON



NYKK8325

NYKK8325T

I

0

NYGD-1GR

1 × NC+1 × NO

NYKK8425

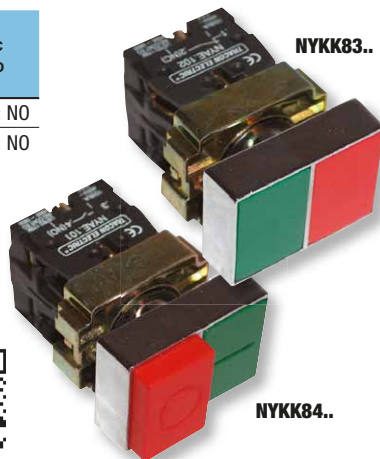
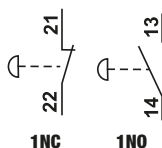
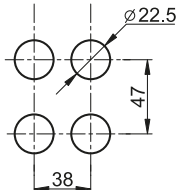
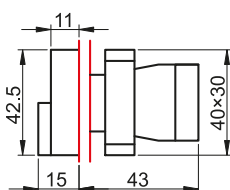
NYKK8425T

I

0

page K/32

1 × NC+1 × NO



NYKK83..

NYKK84..

Butoane duble, pornit/oprit, cu semnalizare luminoasă (Ba9s)

I_e (AC 1, 230 V)
6 AI_e (AC 15, 230 V)
3 AI_e (DC 13, 250 V)
0,27 AU_i
660 V[mm²]
0,5-2,5×10⁶F_{on} I
max. 20 NT_a
-25...+70°C

22 mm

22 mm

Ba9s

TRACON

U_m

X2 X1

NYKK8365

I

0

1 × NC+1 × NO

max. 400 V

NYGI230*

NYKK8465

I

0

1 × NC+1 × NO

max. 400 V

NYGI230*

X2 X1

NYKK8375

I

0

1 × NC+1 × NO

240 V

NYGI130**

X2 X1

NYKK8475

I

0*

1 × NC+1 × NO

240 V

NYGI130**

* Becul se alege în funcție de tensiunea de lucru.

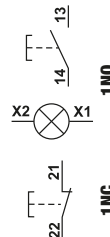
** Tensiunea de lucru a becurilor din lămpile de semnalizare cu rezistență este de 130 V.

Comutatoarele cu braț luminos se livrează fără bec.

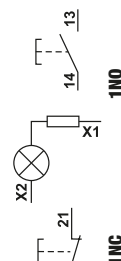


NYKK84..

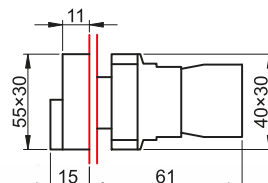
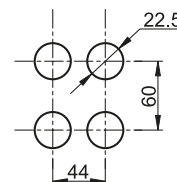
NYKK83..



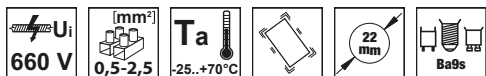
Normale



Cu rezistență



Lămpi de semnalizare (Ba9s)

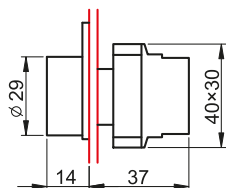


TRACON		Um			
IP 42					
	NYGBV61	NYGBV61T		max. 400 V	NYGI230
	NYGBV63Z	NYGBV63ZT		max. 400 V	NYGI230
	NYGBV65S	NYGBV65ST		max. 400 V	NYGI230
	NYGBV66K	NYGBV66KT		max. 400 V	NYGI230
	NYGBV73Z	NYGBV73ZT		230-240 V	NYGI130*
	NYGBV74P	NYGBV74PT		230-240 V	NYGI130*
	NYGBV75S	NYGBV75ST		230-240 V	NYGI130*
	NYGBV43Z	NYGBV43ZT		230-240 V	NYGI6*
	NYGBV44P	NYGBV44PT		230-240 V	NYGI6*
	NYGBV45S	NYGBV45ST		230-240 V	NYGI6*
	NYGBV53Z	NYGBV53ZT		400 V	NYGI6*
	NYGBV55S	NYGBV55ST		400 V	NYGI6*

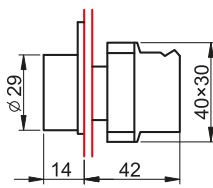
Lămpile de semnalizare se livrează fără bec.

Becul se alege în funcție de tensiunea de lucru.

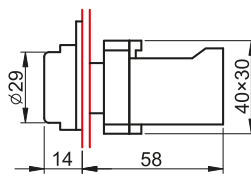
* Tensiunea de lucru a becurilor din lămpile de semnalizare cu rezistență este de 130 V, iar a lămpilor cu transformator este de 6V



Normale



Cu rezistență



Cu transformator



TÜV MEEI TEST DOCUMENTATION
V-15180

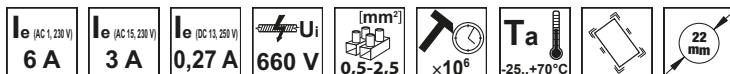
RELEVANT STANDARD
EN 62094



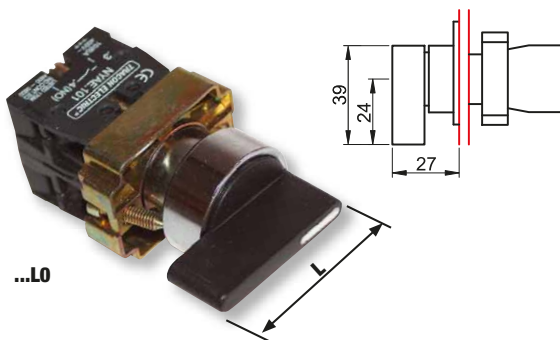
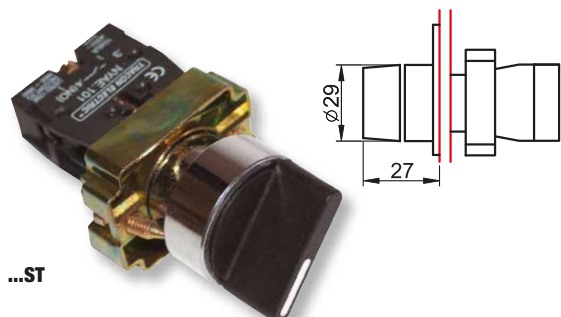
Contactoare



Comutatoare cu braț



TRACON			IP 42	IP 65	NC NO	L
Normale	NYBD21KST	NYBD21KSTT	$\sqrt{2}$		1 × NO	29 mm
	-	NYBJ21KL0T	$\sqrt{2}$		1 × NO	39 mm
	KBD25ST	KBD25STT	$\sqrt{2}$		1 × NC+1 × NO	29 mm
	KBJ25L0	KBJ25L0T	$\sqrt{2}$		1 × NC+1 × NO	39 mm
	NYBD33KST	NYBD33KSTT	$\sqrt{1.62}$	NYGD-1GR	2 × NO	29 mm
	NYBJ33KL0	NYBJ33KL0T	$\sqrt{1.62}$		2 × NO	39 mm
Revenire cu arc	NYBD41KST	NYBD41KSTT	$\sqrt{2}$	page K/32	1 × NO	29 mm
	NYBJ41KL0	NYBJ41KL0T	$\sqrt{2}$		1 × NO	39 mm
	NYBD45KST	NYBD45KSTT	$\sqrt{2}$		1 × NC+1 × NO	29 mm
	NYBJ45KL0	NYBJ45KL0T	$\sqrt{2}$		1 × NC+1 × NO	39 mm
	NYBD53KST	NYBD53KSTT	$\sqrt{1.62}$		2 × NO	29 mm
	NYBJ53KL0	-	$\sqrt{1.62}$		2 × NO	39 mm

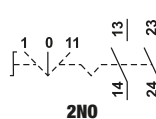
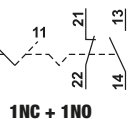
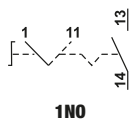
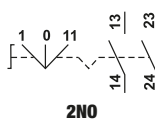
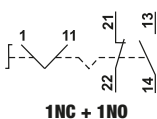
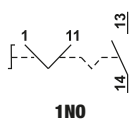


Normal, cu două poziții

Normal, cu trei poziții

Două poziții, revenire cu arc

Trei poziții, revenire cu arc



Comutatoare cu braț luminos (Ba9s)

I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	x10⁶ 1	T_a -25...+70°C	U_m max. 400 V	22 mm	Ba9s
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TRACON									
 IP 42		 + 				 NC  NO			
Normale	NYGBK2365Z	NYGBK2365ZT			NYGD-1GR	$1 \times \text{NC} + 1 \times \text{NO}$	NYGLZ *		
	NYGBK2565S	NYGBK2565ST				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLS *		
	NYGBK2665K	NYGBK2665KT				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLK *		
	NYGBK2465P	NYGBK2465PT				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLP *		
	NYGBK3365Z	NYGBK3365ZT			page K/32	$1 \times \text{NC} + 1 \times \text{NO}$	NYGLZ *		
	NYGBK3565S	NYGBK3565ST				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLS *		
	NYGBK3665K	-				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLK *		
	NYGBK3465P	NYGBK3465PT				$1 \times \text{NC} + 1 \times \text{NO}$	NYGLP *		

Normale

NYGD-1GR

page
K/32

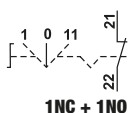


* Comutatoarele cu braț luminos se livrează fără bec.

RELEVANT STANDARD
EN 60947-1

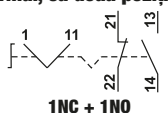
RELEVANT STANDARD
EN 60947-5-1

Trei poziții,
revenire cu arc



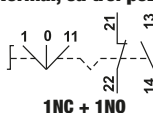
1NC + 1NO

Normal, cu două poziții

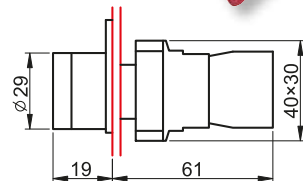


1NC + 1NO

Normal, cu trei poziții



1NC + 1NO



Comutatoare cu cheie

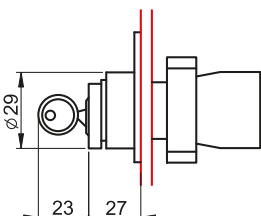
I_e (AC 1, 230 V) 6 A	I_e (AC 15, 230 V) 3 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	[mm²] 0,5-2,5	x10⁶ 1	T_a -25...+70°C	U_m max. 400 V	22 mm
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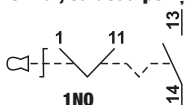
TRACON							
		IP 42			+		
							
							
							
Normale	NYBG21KK	NYBG21KKT			NYGD-1GR	1 x NO	
	NYBG41KK	NYBG41KKT				1 x NO	
	NYBG25KK	NYBG25KKT				1 x NC+1 x NO	
	NYBG53KK	NYBG53KKT				2 x NO	
Revenire cu arc	NYBG61KK	NYBG61KKT			page K/32	1 x NO	
	NYBG65KK	NYBG65KKT				1 x NC+1 x NO	
	NYBG73KK	NYBG73KKT				2 x NO	

Normale

Revenire cu
arc

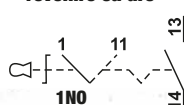


Normal, cu două poziții



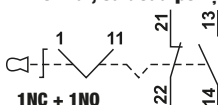
1NO

Două poziții,
revenire cu arc



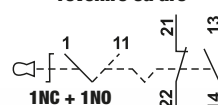
1NO

Normal, cu două poziții



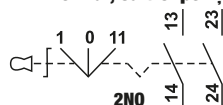
1NC + 1NO

Două poziții,
revenire cu arc



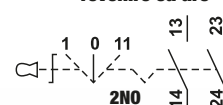
1NC + 1NO

Normal, cu trei poziții



2NO

Trei poziții,
revenire cu arc



2NO



Becuri normale de semnalizare



TRACON	U _m		
NYGI6	6 V AC/DC	1,2 W	Ba9s
NYGI12	12 V AC/DC	2 W	Ba9s
NYGI24	24 V AC/DC	2 W	Ba9s
NYGI48	48 V AC/DC	2 W	Ba9s
NYGI130	130 V AC/DC	2,6 W	Ba9s
NYGI230	230 V AC	glimm	Ba9s

Surse LED de semnalizare



TRACON	U _m		
NYGL-AC400B	400 V AC		Ba9s
NYGL-AC400G	400 V AC		Ba9s
NYGL-AC400R	400 V AC		Ba9s
NYGL-AC400W	400 V AC		Ba9s
NYGL-AC400Y	400 V AC		Ba9s
NYGL-ACDC230B	230 V AC/DC		Ba9s
NYGL-ACDC230G	230 V AC/DC		Ba9s
NYGL-ACDC230R	230 V AC/DC		Ba9s
NYGL-ACDC230W	230 V AC/DC		Ba9s
NYGL-ACDC230Y	230 V AC/DC		Ba9s
NYGL-ACDC24B	24 V AC/DC		Ba9s
NYGL-ACDC24G	24 V AC/DC		Ba9s
NYGL-ACDC24R	24 V AC/DC		Ba9s
NYGL-ACDC24W	24 V AC/DC		Ba9s
NYGL-ACDC24Y	24 V AC/DC		Ba9s

Elemente de contact



3 — 4 (NO)
NYAE101



1 — 2 (NC)
NYAE102



TRACON		
NYAE101	1 × NO	
NYAE102	1 × NC	

În caz de necesitate se pot monta pe ansamblul de bază, un număr de maxim 4 elemente de contact.

Inele de adaptare



TRACON	
NYGR25/22	Inel de adaptare, D=25/d=22mm; ABS (1 buc)
NYGR30/22	Inel de adaptare de la D=30 mm la d=22 mm (o pereche)
NYGR38/22	Inel de adaptare de la D=38 mm la d=22 mm (o pereche)

În cazul înlocuirii elementelor de comandă și semnalizare a tablourilor de comandă executate în trecut, care se montau în găuri cu diametrul de 38 mm, se folosesc inele de adaptare pentru fixare pe placa de montaj.



Gama de produse se dezvoltă continuu și rapid!
Catalogul nostru reflectă situația din Ianuarie 2023.
Pentru informații actualizate vizitați pagina noastră de internet!

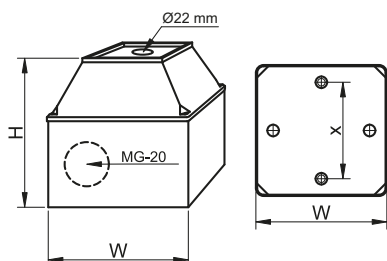
CITIȚI CODUL !

- Vezi noutățile noastre
- Fiți informat



Carcase

TRACON		W (mm)	H (mm)	x (mm)		IP..
TK/T2+F2/	 + 	68	80	44	2 × MG-20	IP 44
TK/T2+F2S/	 + 	68	80	44	2 × MG-20	IP 44



TÜV MEEI TEST DOCUMENTATION
V-15180

RELEVANT STANDARD
EN 60529



TDB





CUTII DE DISTRIBUȚIE

Înterupătoare de siguranță cu releu



K/O

Înterupătoarele tip SSTM sunt adecvate pentru comutare în regim de siguranță a diverselor mașini-unelte respectiv echipamente electrice. În cazul unei căderi de tensiune întrerupătorul va deconecta automat de la rețea echipamentul conectat.

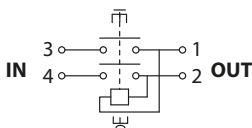
Repornirea este posibilă numai prin apăsarea din nou a butonului verde "I", prevenind prin aceasta pornirea accidentală, nedorită a echipamentului.

Atenție! Aparatul se conectează conform schemei electrice existente pe aparat !

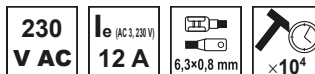
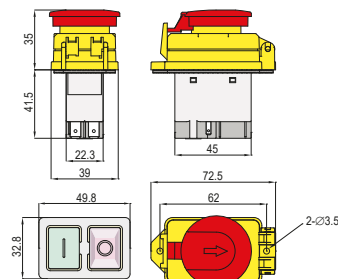
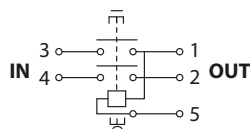


SSTM-01..

TRACON SSTM-01

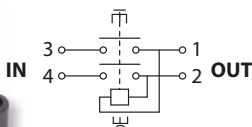


TRACON SSTM-015

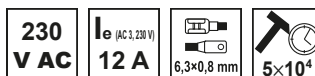
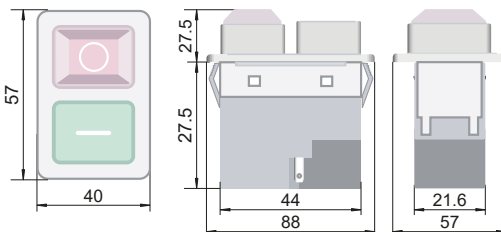
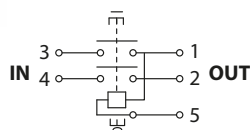


SSTM-02..

TRACON SSTM-02

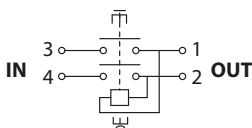


TRACON SSTM-025

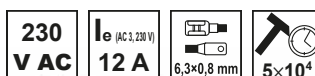
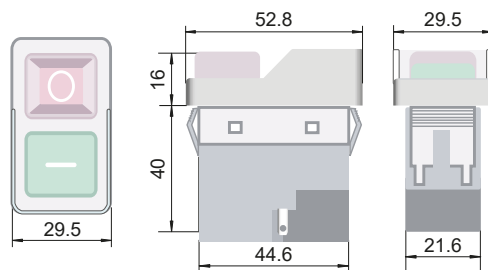
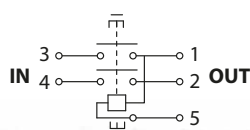


SSTM-03..

TRACON SSTM-03



TRACON SSTM-035



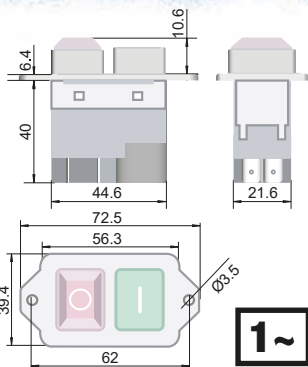
SSTM-04..

**230
V AC**

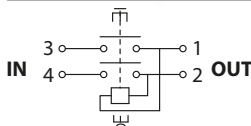
I_e (AC 3, 230 V)
12 A

6,3x0,8 mm

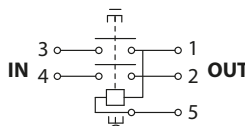
5x10⁴



TRACON SSTM-04



TRACON SSTM-045



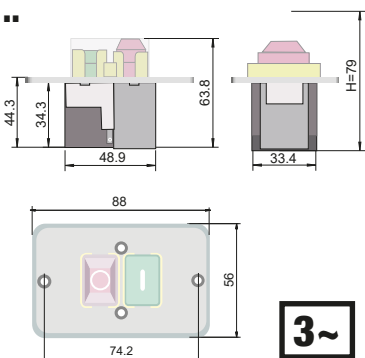
SSTM-31..

**400
V AC**

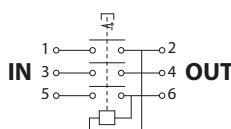
I_e (AC 3, 400 V)
8 A

6,3x0,8 mm

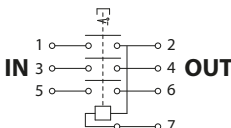
×10⁴



TRACON SSTM-316



TRACON SSTM-317



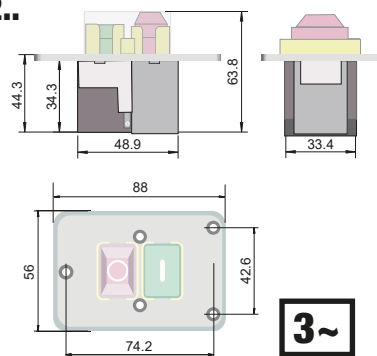
SSTM-32..

**400
V AC**

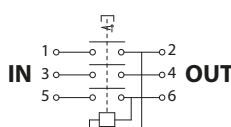
I_e (AC 3, 400 V)
8 A

6,3x0,8 mm

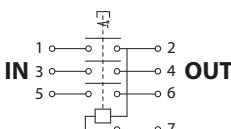
5x10⁴



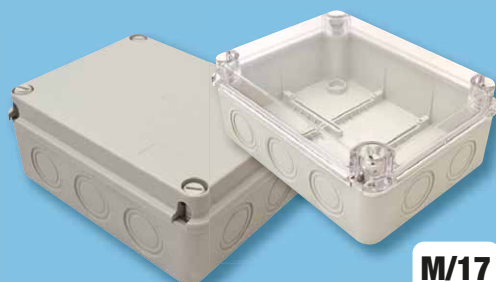
TRACON SSTM-326



TRACON SSTM-327



Doze electronice



M/17

SSTM-BOX

Se utilizează pentru următoarele variante:

SSTM-02, -025

SSTM-316, -317

SSTM-326, -327

113x77x60 mm



**IP
42**

TRACON SSTM-BOX



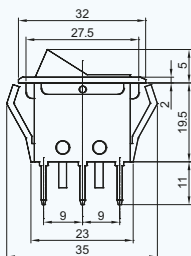
Înterupătoare pentru aparate

U_m max. 250 V	I_e (AC 1, 230 V) 16 A	I_e (AC 15, 230 V) 6 A	I_e (DC 13, 250 V) 0,27 A	U_i 660 V	U_{imp} 6 kV	[mm²] 0,5-2,5	5×10⁴	[h] 15.000	% rH max. 95	T_a -20...+55°C	IP 42	10 A gG
------------------------------------	---	---	--	--------------------------------------	---------------------------------------	---	-------------------------	-----------------------------	-------------------------------	--	--------------	----------------

Se pot monta în sisteme de comutare sau în diferite aparate electrocasnice sau electrice. Utilizarea comutatoarelor cu semnalizare luminoasă este recomandată când este important să fie semnalizată starea de funcționare a aparatului.

Se fixează prin sistem „click”. Conexiunile se realizează cu papuci 4,8 × 0,8 mm respectiv 6,3 × 0,8 mm (CSH5, CSH6)

Înterupător Pornit - Oprit

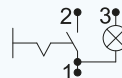


TRACON

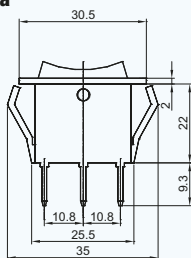
TES-11

6,3 × 0,8 mm

3



Selector oprit (0) în poziție centrală



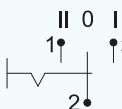
TRACON

TES-12

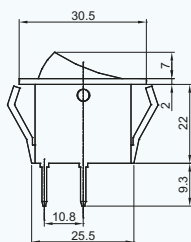
6,3 × 0,8 mm

I-0-II

-



Înterupător Pornit - Oprit



TRACON

TES-13

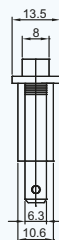
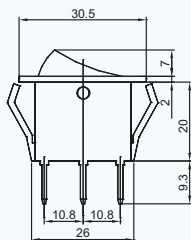
6,3 × 0,8 mm

0-I

-



Înterupător Pornit - Oprit

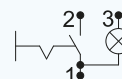


TRACON

TES-21

6,3 × 0,8 mm

✓

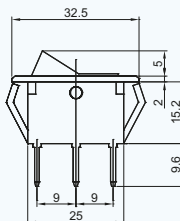
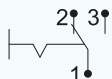




TES-22 4,8 × 0,8 mm

0-1

—



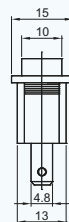
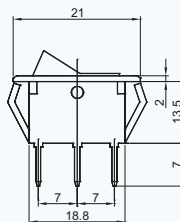
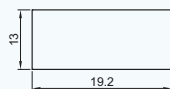
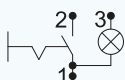
Comutator alternant



TES-33 4,8 × 0,8 mm

0-1

✓



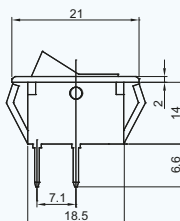
Înterupător Pornit - Oprit



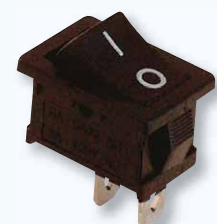
TES-34 4,8 × 0,8 mm

0-1

—



Înterupător Pornit - Oprit

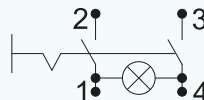
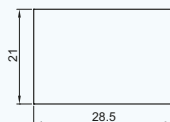
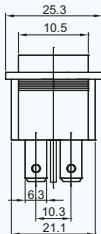
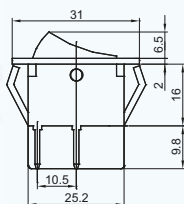


APARATE DE MĂSURĂ MANUALE



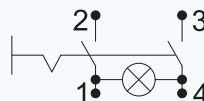
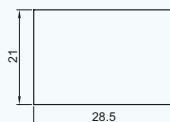
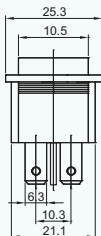
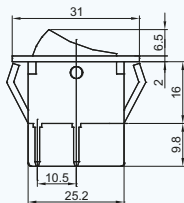
Înterupător Pornit - Oprit

TRACON   
TES-41 6,3 × 0,8 mm  ✓



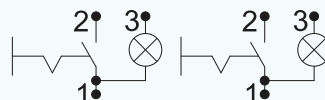
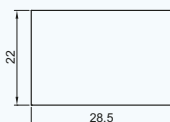
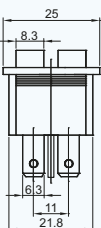
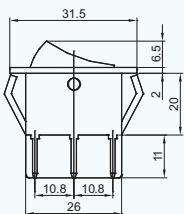
Înterupător Pornit - Oprit

TRACON   
TES-42 6,3 × 0,8 mm  ✓



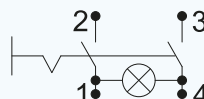
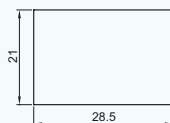
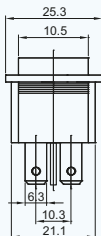
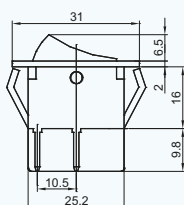
Înterupător Pornit - Oprit

TRACON   
TES-43 6,3 × 0,8 mm  ✓



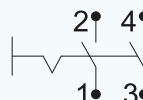
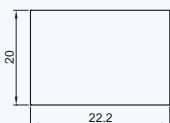
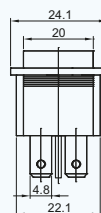
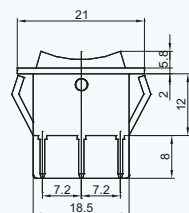
Înterupător Pornit - Oprit

TRACON   
TES-44 6,3 × 0,8 mm  ✓



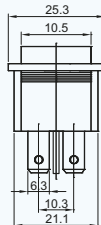
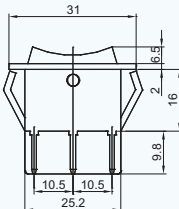
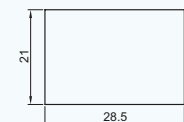
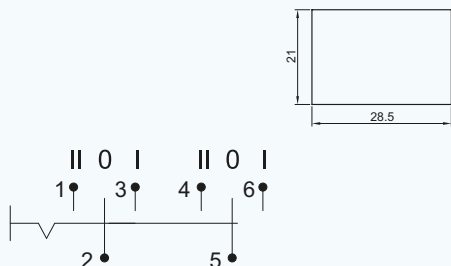
Înterupător Pornit - Oprit

TRACON   
TES-51 4,8 × 0,8 mm  -





TES-52	6,3 × 0,8 mm	I-O-II	—
TES-52-2	6,3 × 0,8 mm	I-O-II	—

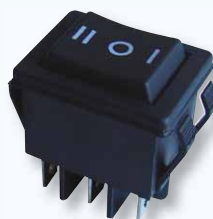
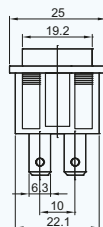
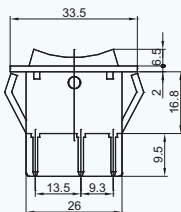
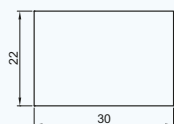


Comutator bipolar

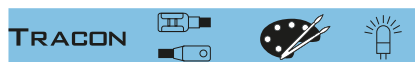


TES-52

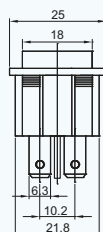
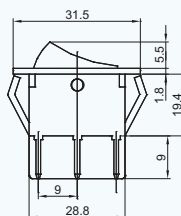
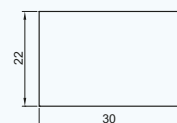
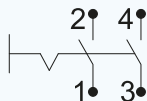
Comutator bipolar (Revenire cu arc)



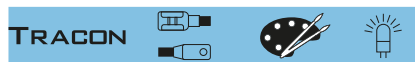
TES-52-2



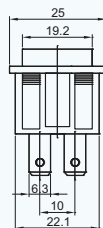
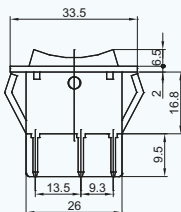
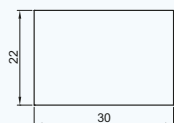
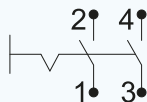
TES-53	6,3 × 0,8 mm	O-I	—
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Înterupător Pornit-Oprit



TES-53-1	6,3 × 0,8 mm	O-I	—
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Înterupător Pornit-Oprit (Revenire cu arc)

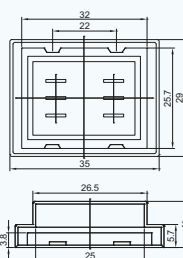


TRACON

TES-GB	TES-GB1
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Se utilizează pentru următoarele variante:

TES-42	TES-33
TES-43	TES-34
TES-52	
TES-53	



Membrană PVC



TES-GB



TES-GB1

Transformatoare de separație monofazate TVTR

230
V AC

50/60 Hz



IP 00

IP 20

0% rH
max. 95Ta
-5...+40 °CE
+120 °CLegendă
pictograme

K/O

TRACON	P _n	U _{pr}	U _{sec}	P _{sec} *	I _{sec}
TVTR-50-A	50 VA	230 V	3-6-12-18-24 V	6,25-12,5-25-37,5-50 VA	2,08 A
TVTR-50-B		230 V	6-12-18-24 V	12,5-25-37,5-50 VA	2,08 A
TVTR-50-C		230 V	12-24-42 V	14,2-28,5-50 VA	1,19 A
TVTR-50-D		230 V	24-42-110 V	10-19-50 VA	0,45 A
TVTR-50-F		230 V	24-230 V	5,2-50 VA	0,21 A
TVTR-100-A	100 VA	230 V	3-6-12-18-24 V	12,5-25-50-75-100 VA	4,16 A
TVTR-100-B		230 V	6-12-18-24 V	25-50-75-100 VA	4,16 A
TVTR-100-C		230 V	12-24-42 V	28,5-57,1-100 VA	2,38 A
TVTR-100-D		230 V	24-42-110 V	21,8-38,1-100 VA	0,90 A
TVTR-100-F		230 V	24-230 V	10,4-100 VA	0,43 A
TVTR-150-B	150 VA	230 V	6-12-18-24 V	37,5-75-112,5-150 VA	6,25 A
TVTR-150-C		230 V	12-24-42 V	42,8-85,7-150 VA	3,57 A
TVTR-150-D		230 V	24-42-110 V	32,7-57,2-150 VA	1,36 A
TVTR-150-E		230 V	42-110-230 V	27,3-71,7-150 VA	0,65 A
TVTR-150-F		230 V	24-230 V	15,6-150 VA	0,65 A
TVTR-200-B	200 VA	230 V	6-12-18-24 V	50-100-150-200 VA	8,30 A
TVTR-200-C		230 V	12-24-42 V	57,1-114,2-200 VA	4,76 A
TVTR-200-D		230 V	24-42-110 V	43,6-76,3-200 VA	1,81 A
TVTR-200-E		230 V	42-110-230 V	36,5-95,6-200 VA	0,86 A
TVTR-200-F		230 V	24-230 V	20,8-200 VA	0,86 A

* funcție de tensiunea prizelor din secundar



Sunt acele transformatoare de separație la care înfășurarea primară este separată de cea secundară prin intermediul izolației de bază. Se pot utiliza pentru transferul de putere la joasă tensiune, pentru funcționare, semnalizare, comandă și alte circuite. Realizarea de tensiune foarte joasă de protecție (TFJP) ; conform standardului **MSZ HD 60364-4-41** sau realizarea a unei simple separări pentru un singur consumator.

Sunt produse în variantă monofazăată cu 8 valori nominale a tensiunii din înfășurarea secundară (3-6-12-18-24-42-110-230 V).

Transformatoarele respectă prescripțiile standardelor **EN 61558-1** și **EN 61558-2-1**. Din punctul de vedere al gradului de protecție sunt deschise (IP 00) fiind destinate montării în tablouri, pentru legarea lor servesc clemele cu șurub IP 20. Gama de puteri este cuprinsă între 50-630 VA diferind în funcție de model. Secundarul transformatoarelor este realizat cu prize.

Pentru cea mai mare tensiune secundară se asigură puterea nominală, de aceea, în cazul prizelor odată cu scăderea tensiunii scade proporțional și puterea (vezi tabelul).

RELEVANT STANDARD
EN 61558-1RELEVANT STANDARD
EN 61558-2-1

VIAȚA E BUNĂ CÂND ESTE
COLORATĂ !
LĂMPI DECORATIVE DE BIROU !



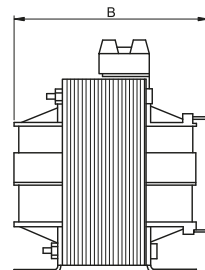
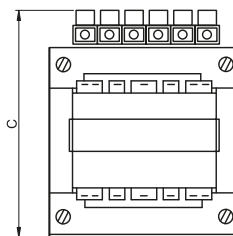
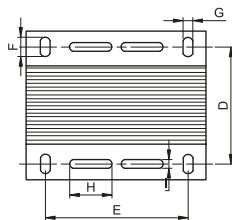
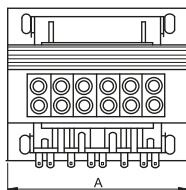
RLV



TRACON	P _n	U _{pr}	U _{sec}	P _{sec} *	I _{sec}
TVTR-250-B	250 VA	230 V	6-12-18-24 V	62,5-125-187,5-250 VA	10,41 A
TVTR-250-C		230 V	12-24-42 V	71,4-142,8-250 VA	5,95 A
TVTR-250-D		230 V	24-42-110 V	54,5-95,4-250 VA	2,27 A
TVTR-250-E		230 V	42-110-230 V	45,6-119,5-250 VA	1,08 A
TVTR-250-F		230 V	24-230 V	26-250 VA	1,08 A
TVTR-300-B	300 VA	230 V	6-12-18-24 V	75-150-225-300 VA	12,50 A
TVTR-300-C		230 V	12-24-42 V	85,7-171,4-300 VA	7,14 A
TVTR-300-D		230 V	24-42-110 V	65,4-114,5-300 VA	2,72 A
TVTR-300-E		230 V	42-110-230 V	54,7-143,4-300 VA	1,30 A
TVTR-300-F		230 V	24-230 V	31,3-300 VA	1,30 A
TVTR-400-B	400 VA	230 V	6-12-18-24 V	100-200-300-400 VA	16,66 A
TVTR-400-C		230 V	12-24-42 V	114,2-228,5-400 VA	9,52 A
TVTR-400-D		230 V	24-42-110 V	87,2-152,7-400 VA	3,63 A
TVTR-400-E		230 V	42-110-230 V	73-191,3-400 VA	1,73 A
TVTR-400-F		230 V	24-230 V	41,7-400 VA	1,73 A
TVTR-500-C	500 VA	230 V	12-24-42 V	142,8-285,7-500 VA	11,90 A
TVTR-500-D		230 V	24-42-110 V	109-190,9-500 VA	4,54 A
TVTR-500-E		230 V	42-110-230 V	91,3-239,1-500 VA	2,17 A
TVTR-500-F		230 V	24-230 V	52,1-500 VA	2,17 A
TVTR-630-C	630 VA	230 V	12-24-42 V	180-360-630 VA	15 A
TVTR-630-D		230 V	24-42-110 V	137,4-240,5-630 VA	5,72 A
TVTR-630-E		230 V	42-110-230 V	115-301,3-630 VA	5,73 A
TVTR-630-F		230 V	24-230 V	65,7-630 VA	2,73 A

* funcție de tensiunea prizelor din secundar

TRACON	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	m
TVTR-50	75	80	77	50	56	10	5,5	28	4	1,2 kg
TVTR-100	85	90	85	59	64	10	5,5	40	5	1,9 kg
TVTR-150	98	90	95	65	84	12	6	40	5	2,6 kg
TVTR-200	98	100	95	74	84	12	6	40	5	3,1 kg
TVTR-250	98	110	95	84	84	12	6	40	5	3,6 kg
TVTR-300	110	110	103	82	90	12	6	-	-	4,6 kg
TVTR-400	123	112	110	84	90	14	7	50	5	5,3 kg
TVTR-500	122	120	107	98	90	14	7	50	5	6,3 kg
TVTR-630	154	115	135	87	122	22	8	50	5	7,2 kg



AVEȚI ÎNCREDERE ÎN NOI PENTRU CHESTIUNILE DE ILUMINAT!
STUDIU PERSONALIZAT DE TEHNICA ILUMINATULUI



Transformatoare monofazate de siguranță și izolare TVTRB

230/400
V AC

50/60 Hz



IP 00

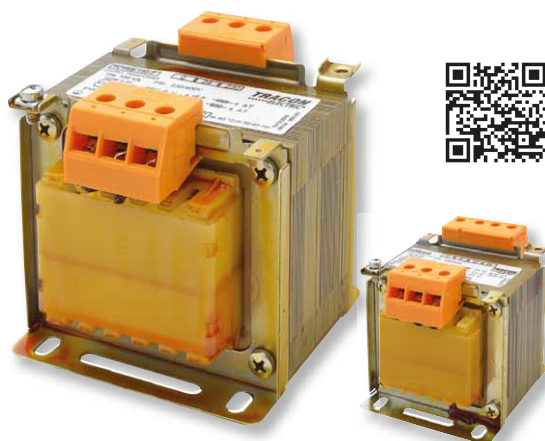
IP 20

0,05% rH
max. 95Ta
-5...+40 °CE
+120 °CLegendă
pictograme

K/0

TRACON	P _n	U _{pr}	U _{sec}	P _{sec} *	I _{sec}
TVTRB-60-A	60 VA	230-400 V	6-12-24 V	15-30-60 VA	2,5 A
TVTRB-60-F		230-400 V	24-230 V	6,2-60 VA	0,26 A
TVTRB-100-A	100 VA	230-400 V	6-12-24 V	25-50-100 VA	4,17 A
TVTRB-100-F		230-400 V	24-230 V	10,4-100 VA	0,43 A
TVTRB-100-O		230 V	42 V	100 VA	2,38 A

* funcție de tensiunea din secundar



Se pot utiliza pentru transferul de putere la joasă tensiune, pentru funcționare, semnalizare, comandă și alte circuite pentru izolare de separare conform standardului **MSZ HD 60364-4-41** pentru realizarea de **tensiune foarte joasă de securitate (TFJS)**. Înfășurarea primară este distinctă de înfășurarea secundară, având izolație întărită între acestea.

Se întâlnesc: - Transformatoare de siguranță și izolare cu tensiuni secundare sub 50V, (**TFJS**) tensiune foarte joasă de securitate.

- Transformatoare de izolare, cu tensiuni secundare mai mari de 50V.

Câteva transformatoare respectă prescripțiile standardelor **EN 61558-1** și **EN 61558-2-4**. Din punctul de vedere al gradului de protecție sunt deschise (IP 00) fiind destinate montării în tablouri, pentru legarea lor servesc clemele cu șurub.

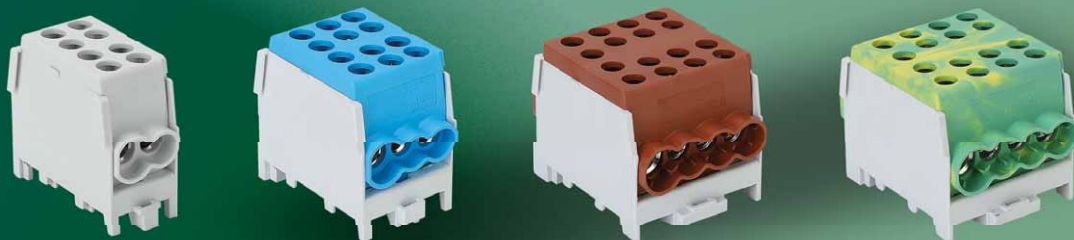
Gama de puteri este cuprinsă între 60-600 VA diferind în funcție de model. Secundarul transformatoarelor este realizat cu prize. Pentru cea mai mare tensiune secundară se asigură puterea nominală, de aceea, în cazul prizelor odată cu scăderea tensiunii scade proporțional și puterea (vezi tabelul).

RELEVANT STANDARD
EN 61558-1RELEVANT STANDARD
EN 61558-2-4

FLECU



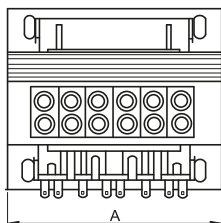
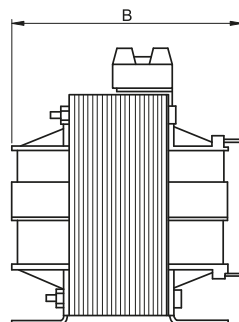
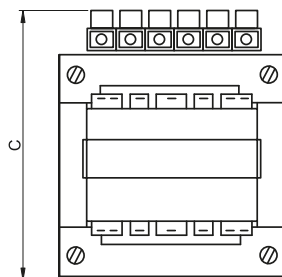
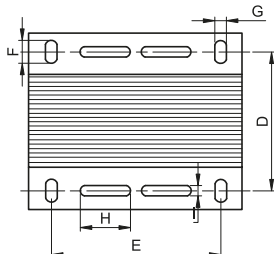
CLEME DE DERIVAȚIE



TRACON	P _n	U _{pr}	U _{sec}	P _{sec} *	I _{sec}
TVTRB-160-B	160 VA	230-400 V	12-24 V	80-160 VA	6,67 A
TVTRB-160-F		230-400 V	24-230 V	16,7-160 VA	0,70 A
TVTRB-160-M		230 V	12 V	160 VA	13,34 A
TVTRB-250-B	250 VA	230-400 V	12-24 V	125-250 VA	10,42 A
TVTRB-250-F		230-400 V	24-230 V	26-250 VA	1,09 A
TVTRB-400-B		230-400 V	12-24 V	200-400 VA	16,67 A
TVTRB-400-F	400 VA	230-400 V	24-230 V	41,74-400 VA	1,74 A
TVTRB-400-O		230 V	42 V	400 VA	9,52 A
TVTRB-600-B		230-400 V	12-24 V	300-600 VA	25 A
TVTRB-600-F	600 VA	230-400 V	24-230 V	62,6-600 VA	2,61 A
TVTRB-600-O		230 V	42 V	600 VA	14,29 A

* funcție de tensiunea din secundar

TRACON	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	m
TVTRB-60	75	90	76	60	56	10	5	28	4	1,5 kg
TVTRB-100	84	89	84	54	64	10	5,5	40	5	2,0 kg
TVTRB-160	96	80	108	70	84	11	5,8	35	3,6	2,4 kg
TVTRB-250	98	98	95	65	84	12	6	40	5	2,7 kg
TVTRB-400	123	115	110	84	90	14	7	50	5	5,3 kg
TVTRB-600	155	135	135	98	122	22	8	50	5	7,7 kg

**RELEVANT STANDARD
EN 61558-1**

**RELEVANT STANDARD
EN 61558-2-1**


ESPD

**DESCĂRCĂTOARE
DE SUPRATENSIUNE**
