



Koncové spínače LS15 2



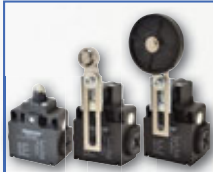
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Koncové spínače LSME 8



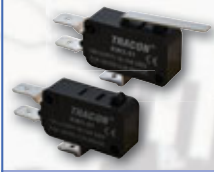
Koncové spínače VP 12



Koncové spínače VT 16



Koncové spínače VM 20



Mikrospínače KW 24



Tlačidlá a tlačidlové spínače NYG3, NYK3 26



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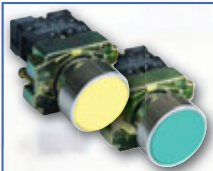
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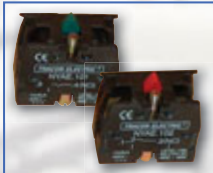
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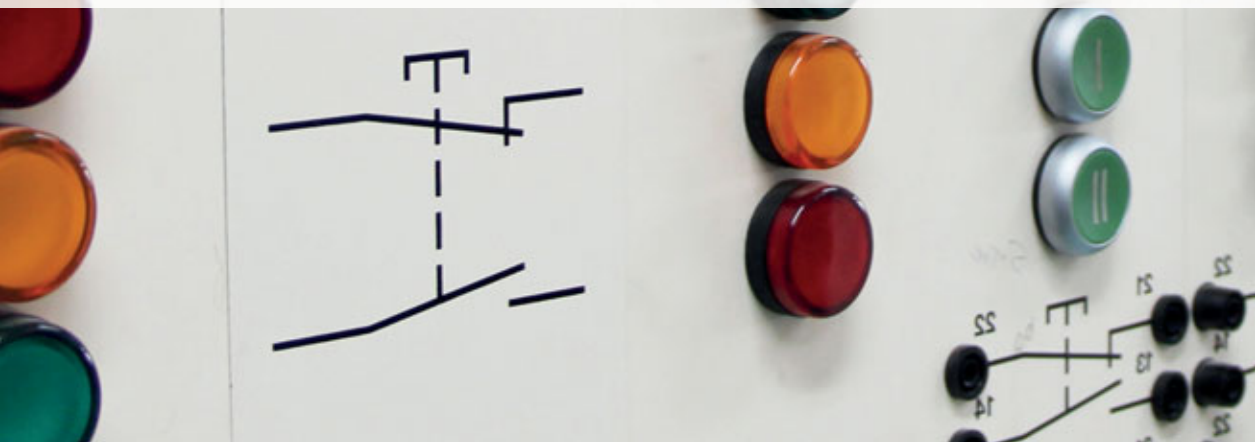
Jednofázové ochranné oddeľovacie transformátory 54

K/O Vysvetlenie piktogramov hlavičky tabuliek

| | | | |
|----------------------------------------|-------------------------------------------|------------------------------------------------|-------------------------------------------------|
| Um Menovité ovládacie napätie | P_n Menovitý výkon | Menovitý výkon | Poznámky, vysvetlivky |
| U_{pr} Primárne napätie | U_{sec} Sekundárne napätie | I_{sec} Sekundárny prúd | P_{sec} Sekundárny výkon |
| 2-polohové typy | 3-polohové typy | Výber kľúča v pozícii („ľavá“) | Výber kľúča v pozícii „ľavá“ i „pravá“ |
| Výber kľúča v pozícii „0“ | Pozícia výberu kľúča | REL-ON Uvoľnenie aretácie: pootočením | REL-ON Uvoľnenie aretácie: pomocou kľúča |
| Elektrické parametre kontaktov | Bloky LED kontroliek k tlačidlám | Rozmery | Typ objímky |
| Nm Uťahovací moment | Závit | Zásuvné spájanie a ukončovanie vodičov | Prechodky |
| Obj. číslo spínača | IP44 Krabicový typ, IP 44 | IP.. Stupeň krytia | Farba |
| Hmotnosť | Akustická signalizácia | IP 65 Stupeň krytia zo strany ovládania | |

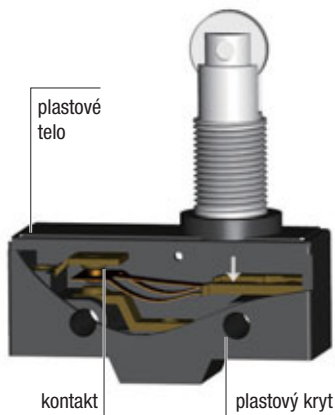
K/O Piktogramy technických parametrov

| | | | |
|--------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------|
| 230/400 V AC Menovité napätie | Um Menovité ovládacie napätie max. 400 V | U_i Menovité izolačné napätie 660 V | U_{imp} Menovité rázové napätie 6 kV |
| I_e (Ac 1, 230 V) Menovitý pracovný prúd 15 A | 50/60 Hz Menovitá frekvencia | 10 A gG Doporučená predradená poisťka | [mm²] Prierez zapojiteľných vodičov 0,5-2,5 |
| Hlavica otočiteľná o 90° | Hlavica a páka otočiteľné o 90° | F_{on} Ovládacia sila pre zapnutie max. 20 N | F_{off} Ovládacia sila pre vypnutie max. 15 N |
| Mechanická životnosť ×10⁶ | E Trieda tepelnej odolnosti +120 °C | Trieda ochrany I. | sc/h Spínacia frekvencia (spín. cykly/hod.) ×3.600 |
| IP 42 Krytie v zabudovanom stave (od čelného panelu) | IP 20 Stupeň ochrany svoriek (bez krytu) | IP 55 Stupeň krytia | Odolnosť proti vibráciám |
| Relatívna vlhkosť max. 95 | T_a Teplota okolia -25..+55°C | 22 mm Priemer výrezu | |

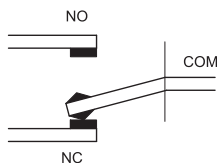


Koncové spínače LS15

| | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-----------------|
| I_{th} 15 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 ×1.800 | T_a -25...+55°C | IP 00 |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-----------------|



Typ kontaktu: C

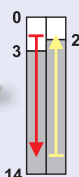


RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

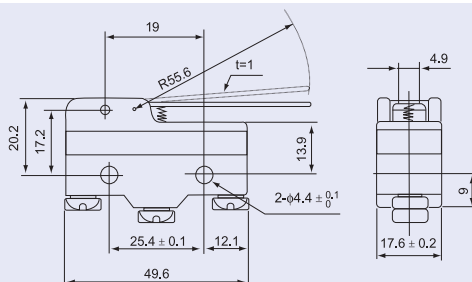
- masívne telo
- prepínací kontakt
- pripájanie vodičov káblovými okami
- jednoduché pripojenie vodičov
- rôzne ovládacie hlavice

Typ s pákou



Spínacie dráhy (mm)

TRACON LS15GM-B

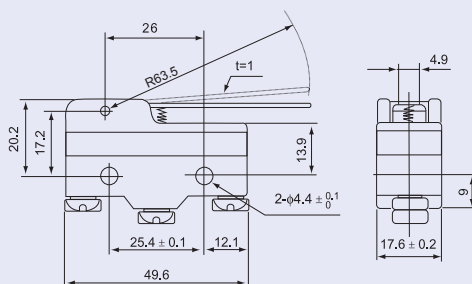


Typ s pákou

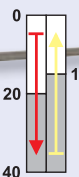


Spínacie dráhy (mm)

TRACON LS15GW-B

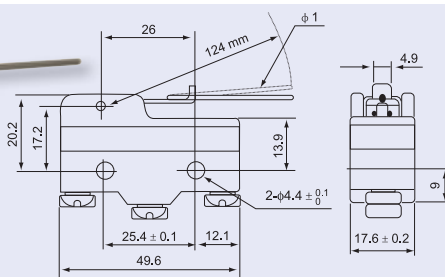


Typ s predĺženou pákou

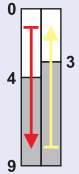


Spínacie dráhy (mm)

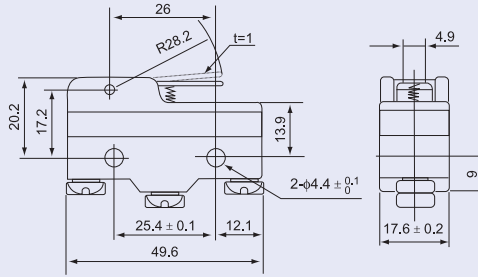
TRACON LS15HW24-B



Typ so skrátenou pákou

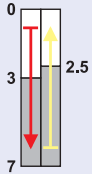


Spinacie dráhy (mm)

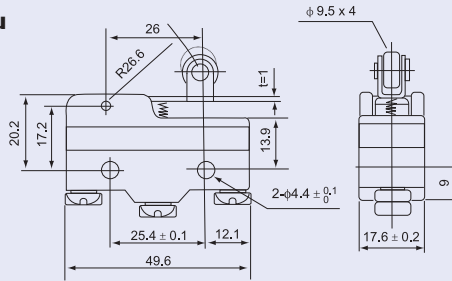


TRACON LS15GW21-B

Typ so skrátenou pákou a kladkou

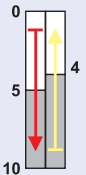


Spinacie dráhy (mm)

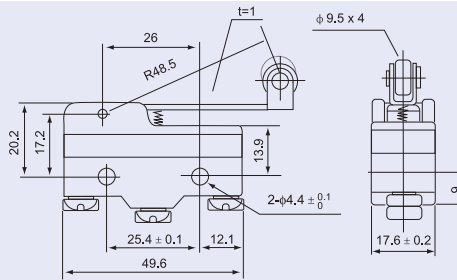


TRACON LS15GW22-B

Typ s pákou a kladkou

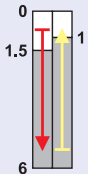


Spinacie dráhy (mm)

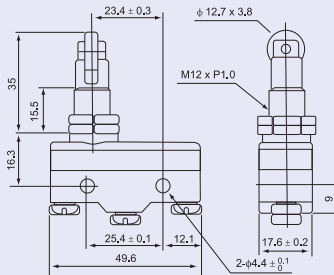


TRACON LS15GW2-B

Typ s priečnym rotačným čapom

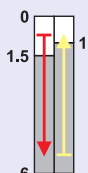


Spinacie dráhy (mm)

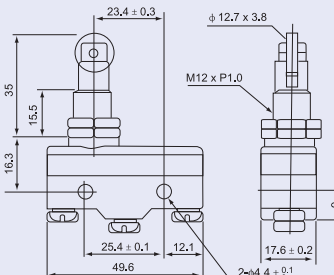


TRACON LS15GQ21-B

Typ s pozdĺžnym rotačným čapom

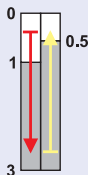


Spinacie dráhy (mm)



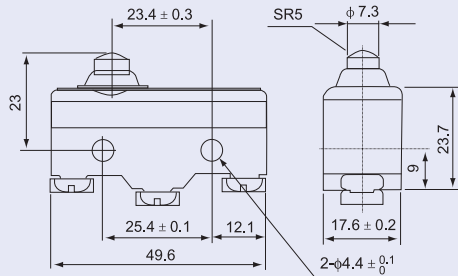
TRACON LS15GQ22-B

Typ s kovovým čapom

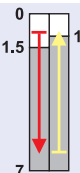


Spinacie dráhy (mm)

TRACON LS15GD-B

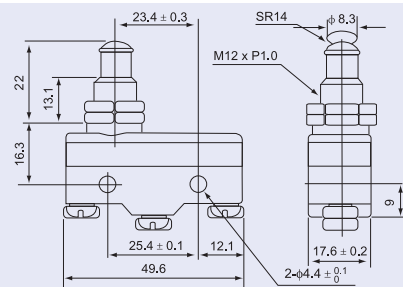


Typ s kovovým čapom

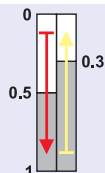


Spinacie dráhy (mm)

TRACON LS15GQ-B

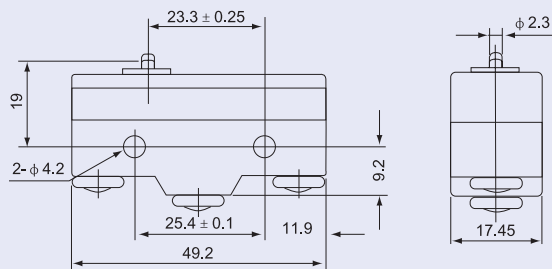


Typ s miniatúrnym kovovým čapom



Spinacie dráhy (mm)

TRACON LS15G-B



Krytka koncového spínača LS15



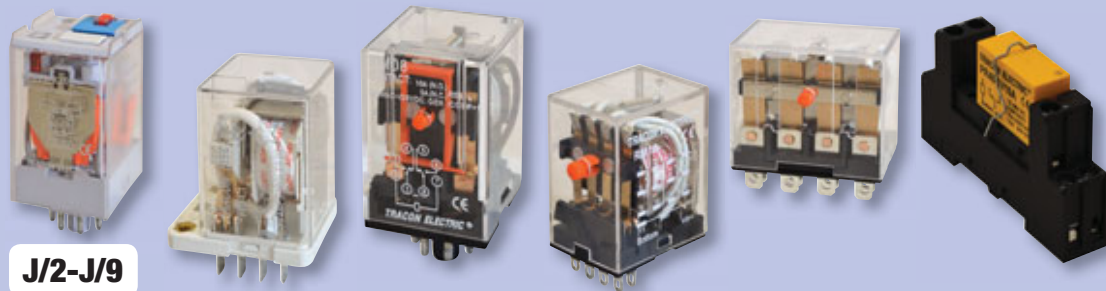
IP 40



TRACON LS15-C0V



Automatizačné relé



J/2-J/9

Koncové spínače LS7

| | | | | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|----------------------------------|----------------------------------|-------------------------------|-------------------------------------|-----------------|--------------------------------|------------|
| I_{th} 10 A | I_e (AC 1, 230 V) 5 A | I_e (AC 16, 230 V) 2 A | I_e (DC 13, 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 40 | Vysvetlivky piktogramov | K/O |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|----------------------------------|----------------------------------|-------------------------------|-------------------------------------|-----------------|--------------------------------|------------|

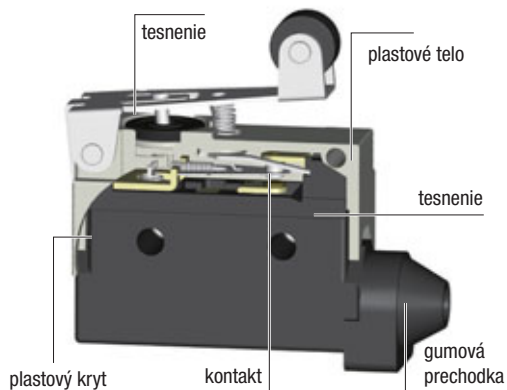
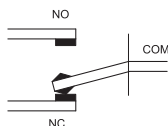
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RELEVANT STANDARD
EN 60947-5-1

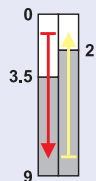
- masívne telo
- prepínací kontakt
- pripájanie vodičov káblovými okami
- jednoduché pripojenie vodičov
- rôzne ovládacie hlavice



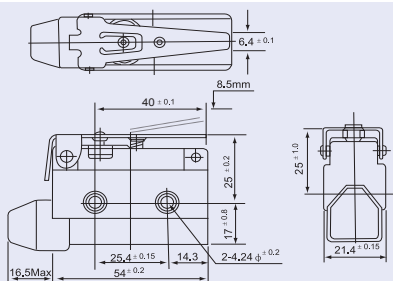
Typ kontaktu: C



Typ so skrátanou pákou

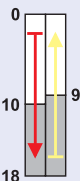


Spínacie dráhy (mm)

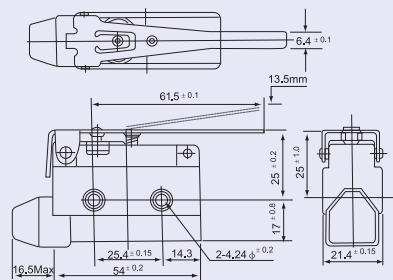


TRACON LS7140

Typ s pákou

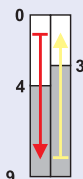


Spínacie dráhy (mm)

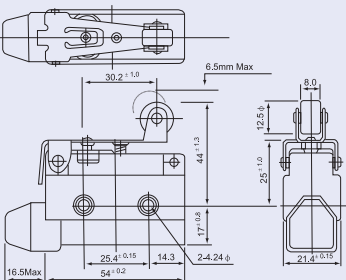


TRACON LS7120

Typ so skrátanou pákou a kladkou

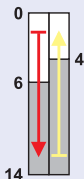


Spínacie dráhy (mm)



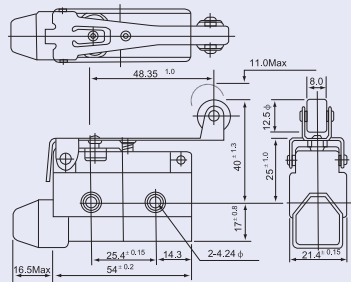
TRACON LS7141

Typ s pákou a kladkou

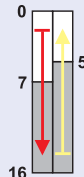


Spínacie dráhy (mm)

TRACON LS7121

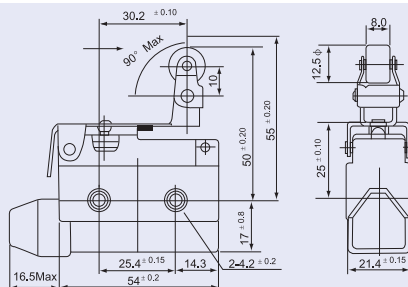


Typ so skrátenou pákou a ohybnou kladkou

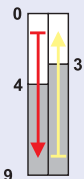


Spínacie dráhy (mm)

TRACON LS7144

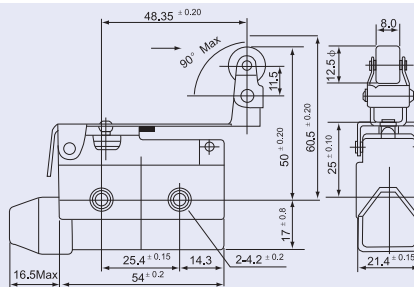


Typ s predĺženou pákou a ohybnou kladkou

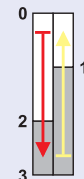


Spínacie dráhy (mm)

TRACON LS7124

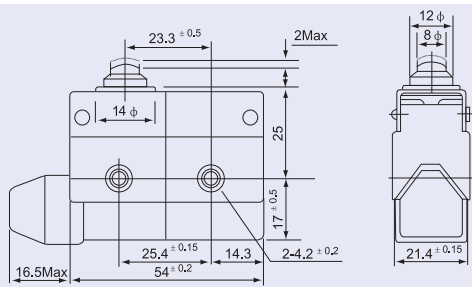


Typ s krátkym kovovým čapom

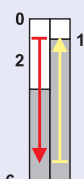


Spínacie dráhy (mm)

TRACON LS7100

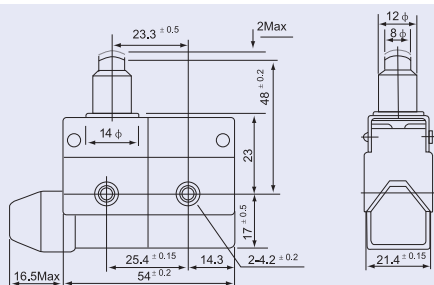


Typ s dlhým kovovým čapom

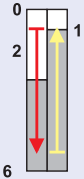


Spínacie dráhy (mm)

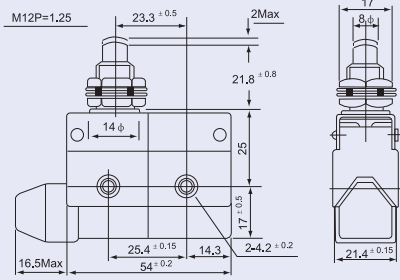
TRACON LS7110



Typ s dlhým kovovým čapom, montáž do panelu

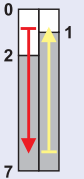


Spínacie dráhy (mm)

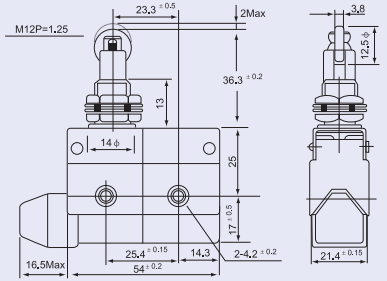


TRACON LS7310

Typ s pozdĺžnym rotačným čapom, montáž do panelu

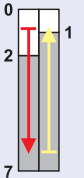


Spínacie dráhy (mm)

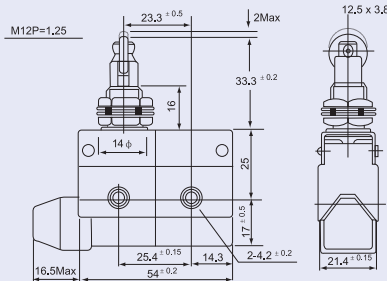


TRACON LS7311

Typ s priečnym rotačným čapom, montáž do panelu

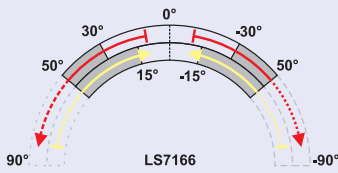


Spínacie dráhy (mm)



TRACON LS7312

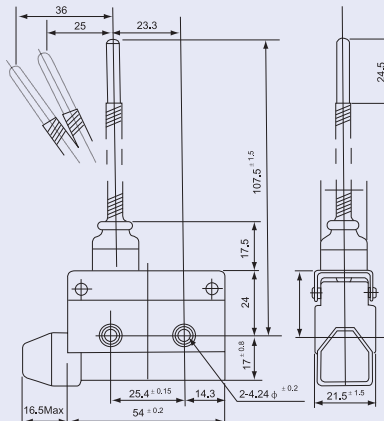
Typ s pružinovú pákou a plastovým hrotom



Spínacie dráhy (°)

Farby spínacej dráhy

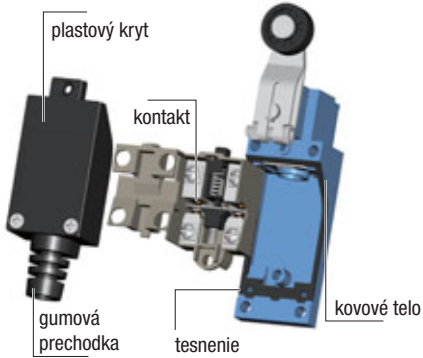
Červená – pohyb pri zopínaní
Zelená – pohyb pri vypínaní



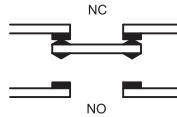
TRACON LS7166

Koncové spínače 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, 230V) 0,3 A | U_i 500 V | mm² 0,5-1,5 | ON-OFF-ON... sc/h ×1.800 | T_a -25...+55°C | IP 65 |
|-------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------------------|-------------------------------|----------------------------------|----------------------------------------|-------------------------------------|-----------------|



Typ kontaktu: Za



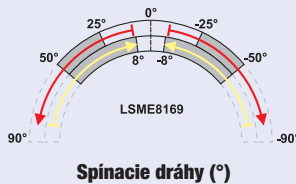
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RELEVANT STANDARD
EN 60947-5-1

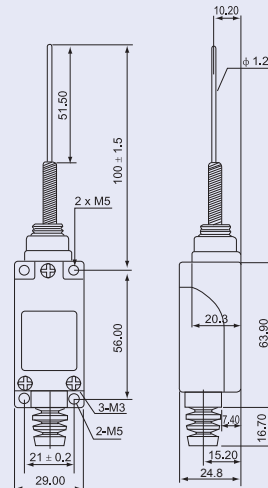
- Spínací+Rozpínací kontakt
- Masivna konštrukcia
- Plastová krytka a hliníkové telo
- Odolné voči vode a oleju

- Dvojitý pružinový mechanizmus
- Dlhá životnosť
- Jednoduché zapojenie vodičov

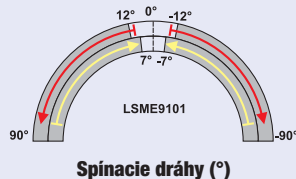
Typ s pružinovou pákou



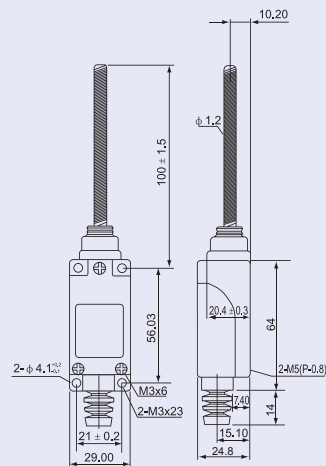
TRACON LSME8169



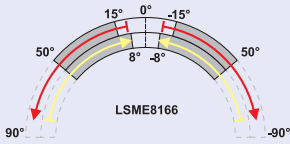
Typ s pružinovou pákou



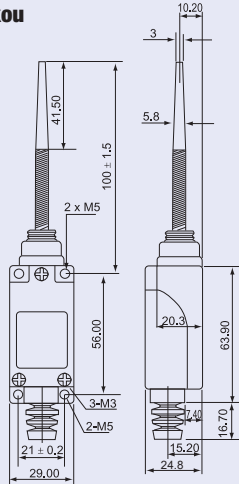
TRACON LSME9101



Typ s pružinovou pákou a plastovou koncovkou

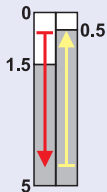


Spinacie dráhy (°)

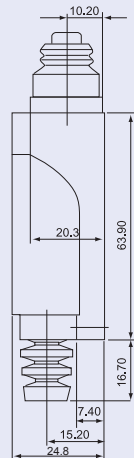
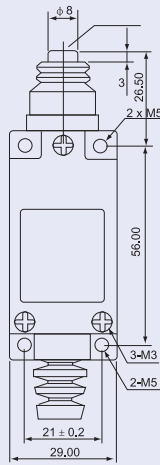


TRACON LSME8166

Typ s kovovým čapom



Spinacie dráhy (mm)



TRACON LSME8111

Typ s pozdĺžnym rotačným čapom

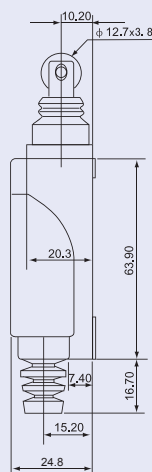
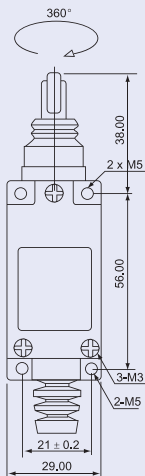
Farby spinacej dráhy

Červená – pohyb pri zopínaní

Zelená – pohyb pri vypínaní

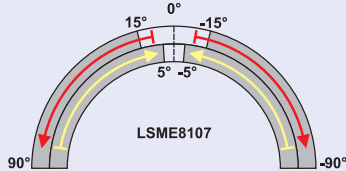


Spinacie dráhy (mm)



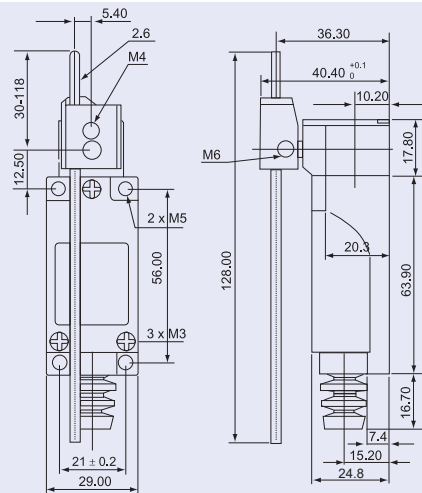
TRACON LSME8122

Typ s bočnou pákou a nastaviteľným hrotom

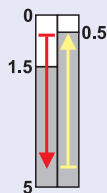


Spínacie dráhy (°)

TRACON LSME8107

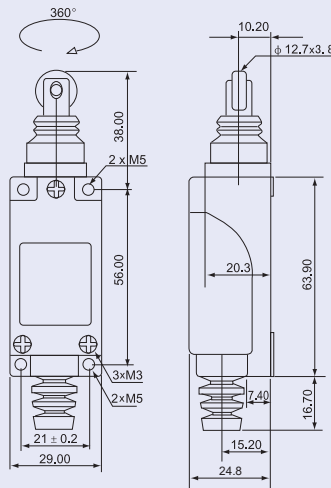


Typ s pozdĺžnym rotačným čapom

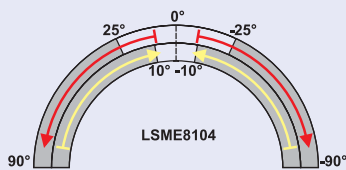


Spínacie dráhy (mm)

TRACON LSME8112

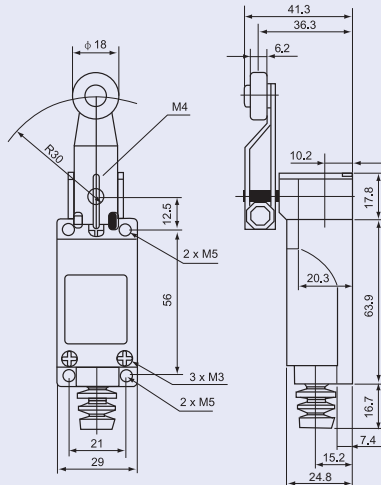


Typ s bočnou pákovou kladkou

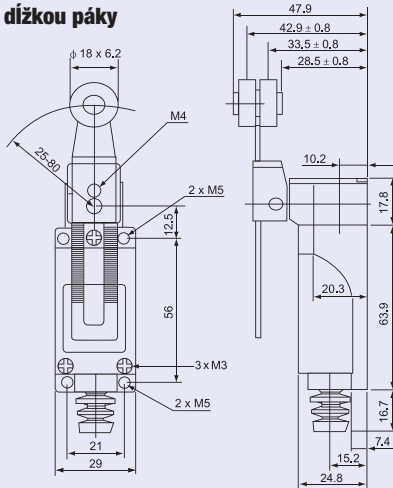
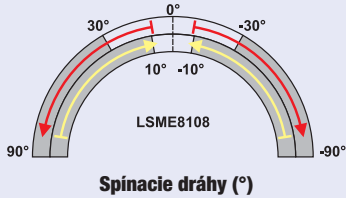


Spínacie dráhy (°)

TRACON LSME8104



Typ s bočnou kladkou a nastaviteľnou dĺžkou páky



TRACON LSME8108

KEĎ POTREBUJETE, ABY TO PORIADNE DRŽALO!

Široká ponuka farieb a rozmerov
Vynikajúca kvalita

TRACON
.....ELECTRIC®

M/2



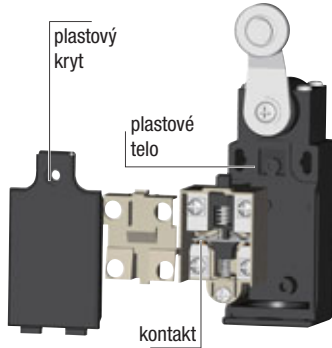
NAČÍTAJTE KÓD!

- Pozrite si naše novinky!
- Buďte informovaný!

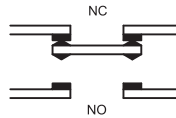
Náš sortiment sa neustále a rýchlo rozrastá.
Predložený katalóg odráža stav k aprílu 2019.
Pre aktuálne informácie, prosím,
navštívte našu internetovú stránku!

Koncové spínače VP

| | | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|--------------------------------|----------------------------------------|-------------------------------------|-----------------|
| 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 0,75-1,5 | mm 5x10 ⁶ | ON-OFF-ON... sc/h ×1.800 | T_a -25...+55°C | IP 65 |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|--------------------------------|----------------------------------------|-------------------------------------|-----------------|



Typ kontaktu: Za

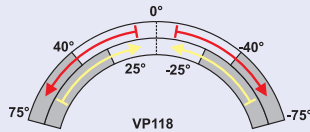
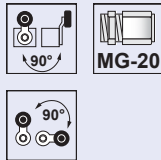


- Spínací+Rozpínací kontakt
- Zosilnené plastové telo
- Masívna konštrukcia
- Presné spínanie
- Dlhá životnosť
- Jednoduché zapojenie vodičov

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

**RELEVANT STANDARD
EN 60947-1**

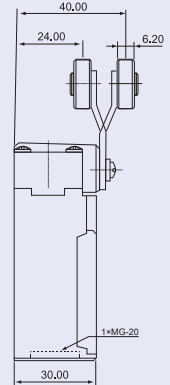
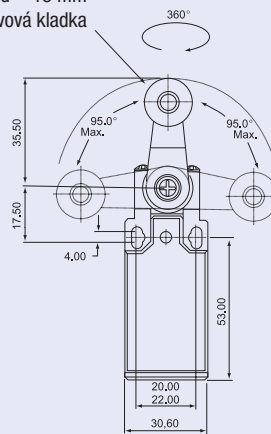
Typ s bočnou pákovou kladkou



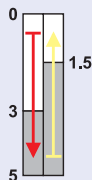
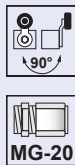
Spínacie dráhy (°)

TRACON VP118

d = 18 mm
kovová kladka



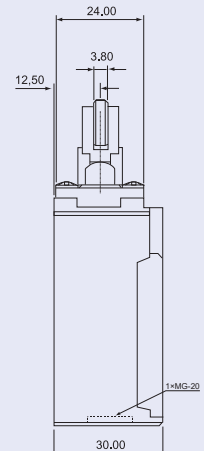
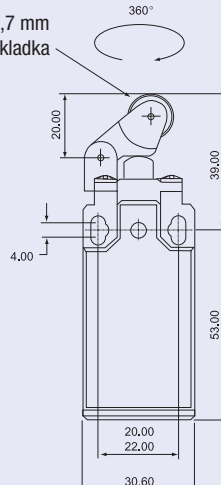
Typ s pákovou kladkou



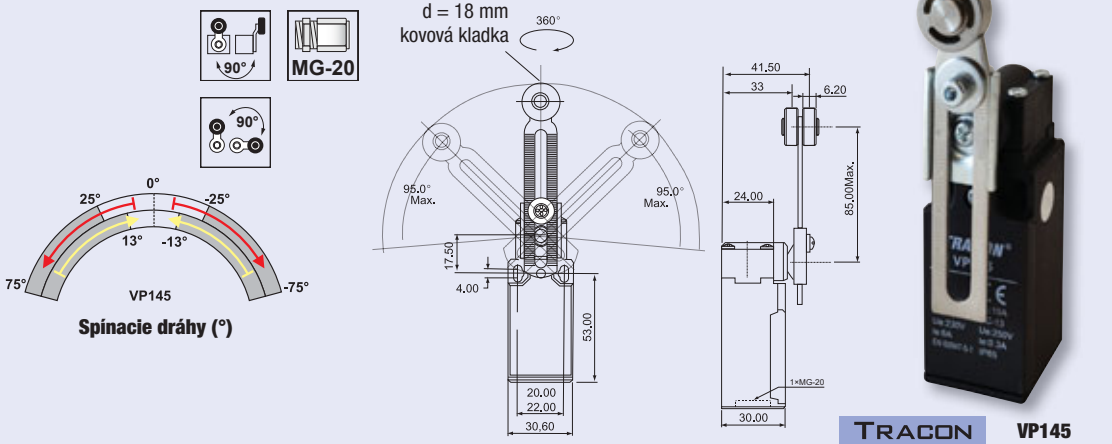
Spínacie dráhy (mm)

TRACON VP121

d = 12,7 mm
kovová kladka



Typ s bočnou kladkou a nastaviteľnou dĺžkou páky



Polohové spínače s rôznym druhom ovládania



SPRÁVNY TYP PRE KAŽDÚ APLIKÁCIU!

Plast / Oceľ

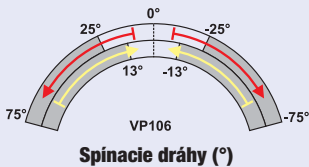
4-64 modulov

Podomietkové aj nadomietkové typy

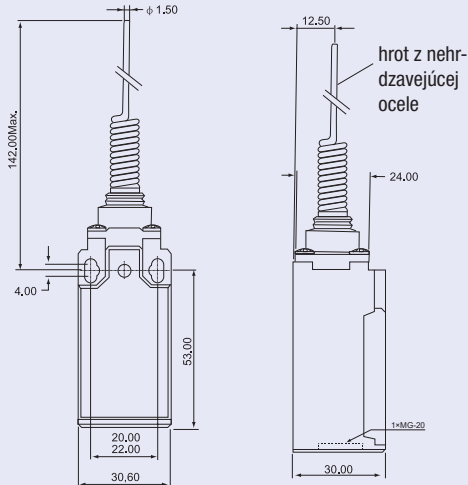
TRACON
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H/9

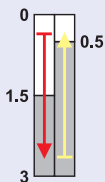
Typ s pružinovou pákou



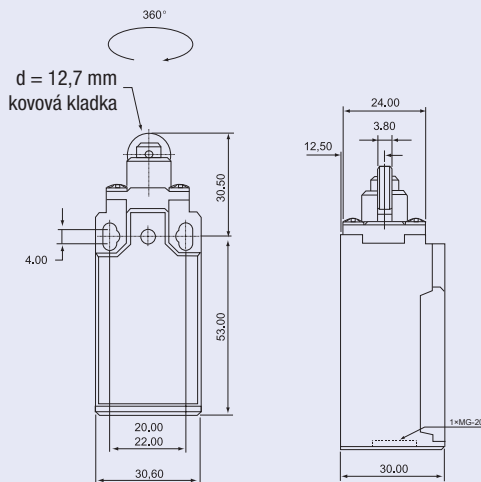
TRACON VP106



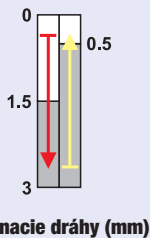
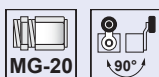
Typ s pozdĺžnym rotačným čapom



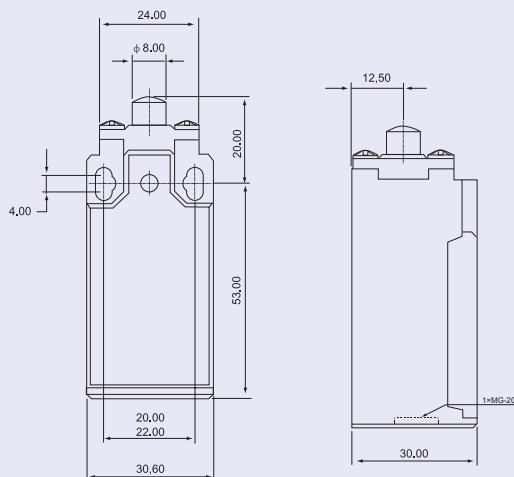
TRACON VP102



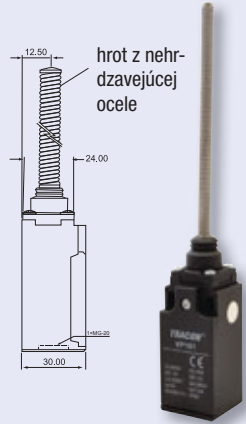
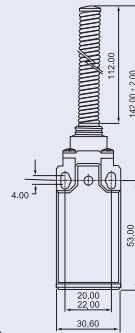
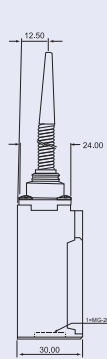
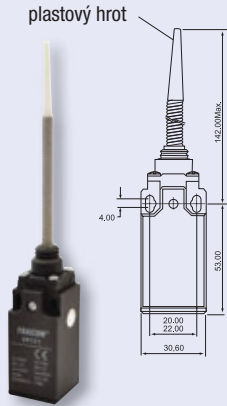
Typ s kovovým čapom



TRACON VP110



Typ s pružinovou pákou

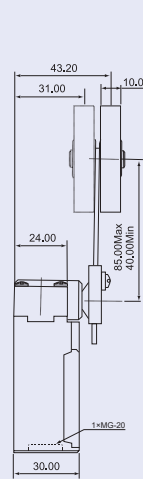
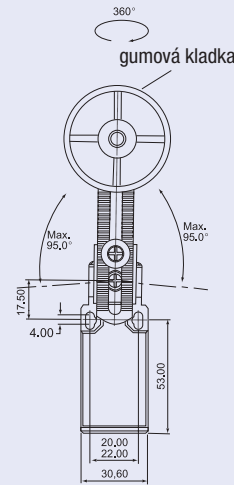
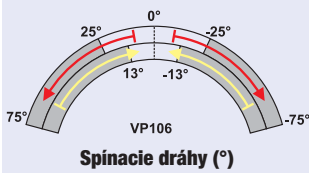
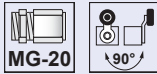


TRACON VP171

Spínacie dráhy (mm)

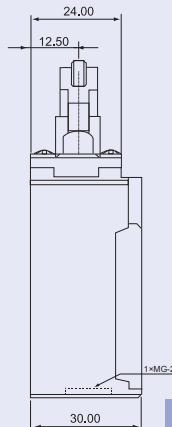
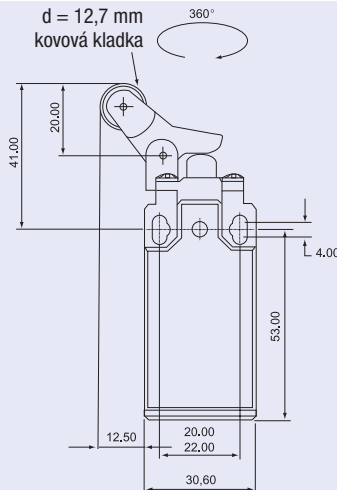
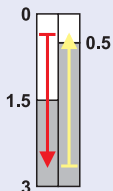
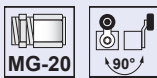
TRACON VP181

Typ s gumovou kladkou



TRACON VP191

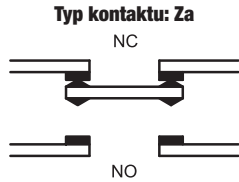
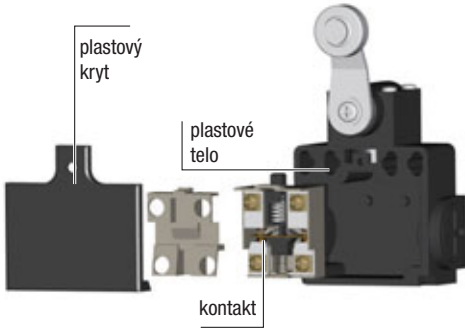
Typ s pákovou kladkou



TRACON VP127

Koncové spínače VT

| | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|----------------------------------------|-------------------------------------|-----------------|
| 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 0,75-1,5 | ON-OFF-ON... sc/h ×1.800 | T_a -25...+55°C | IP 65 |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|----------------------------------------|-------------------------------------|-----------------|

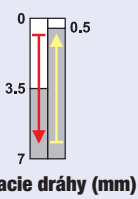
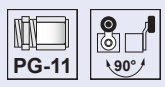


RELEVANT STANDARD
EN 60947-1

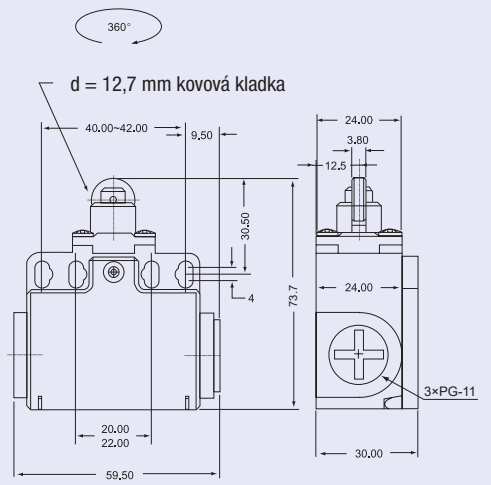
RELEVANT STANDARD
EN 60947-5-1

- Spínací+Rozpínací kontakt
- Zosilnené plastové telo
- Masívna konštrukcia
- Presné spínanie
- Dlhá životnosť

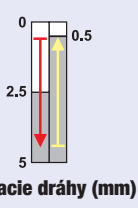
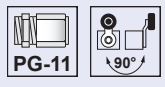
Typ s pozdižnym rotačným čapom



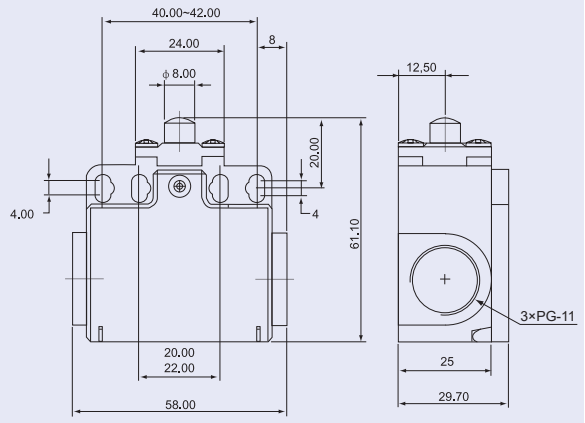
TRACON VT102



Typ s kovovým čapom



TRACON VT110

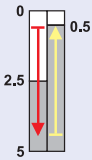


Typ s pákovou kladkou

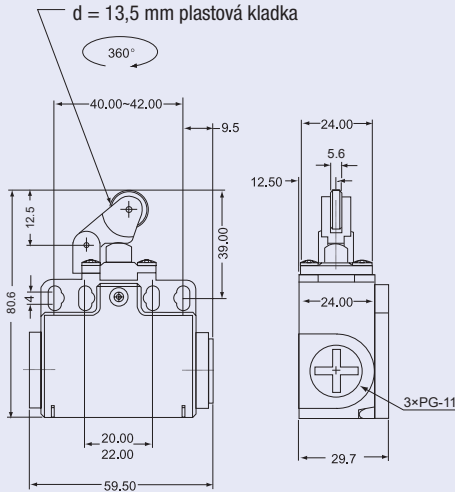
Vysvetlivky – spínacie dráhy

Červená šípka – pohyb spínacej hlavice počas spínania

Zelená šípka – pohyb spínacej hlavice počas vypínania

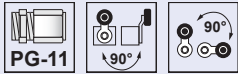


Spínacie dráhy (mm)

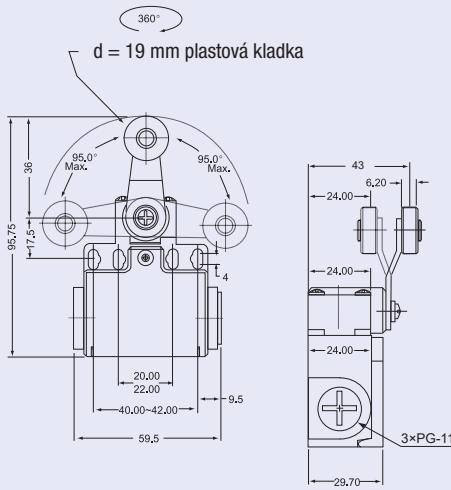


TRACON VT121

Typ s bočnou pákovou kladkou

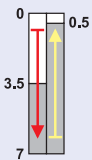
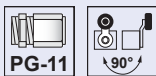


Spínacie dráhy (°)

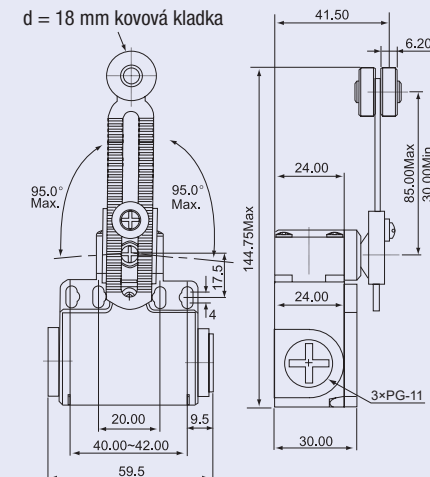


TRACON VT118

Typ s bočnou pákovou kladkou a nastaviteľnou dĺžkou páky

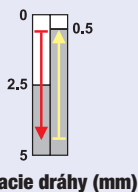
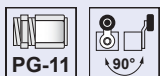


Spínacie dráhy (mm)



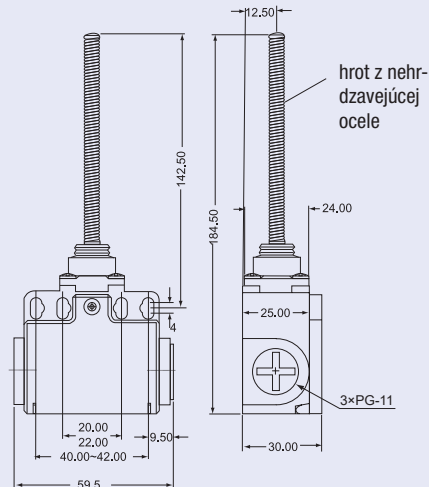
TRACON VT145

Typ s pružinovou pákou

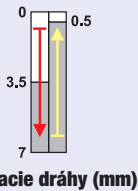


Spínacie dráhy (mm)

TRACON VT181

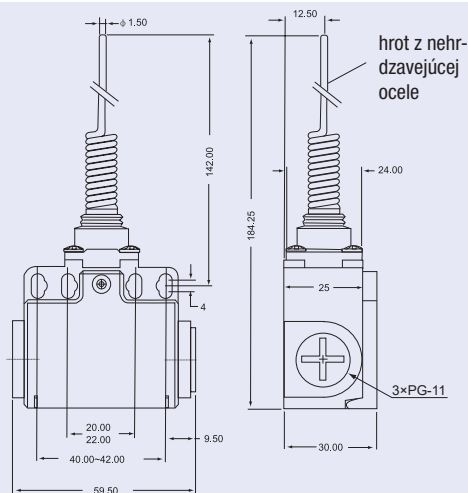


Typ s pružinovou pákou

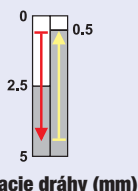
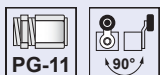


Spínacie dráhy (mm)

TRACON VT106

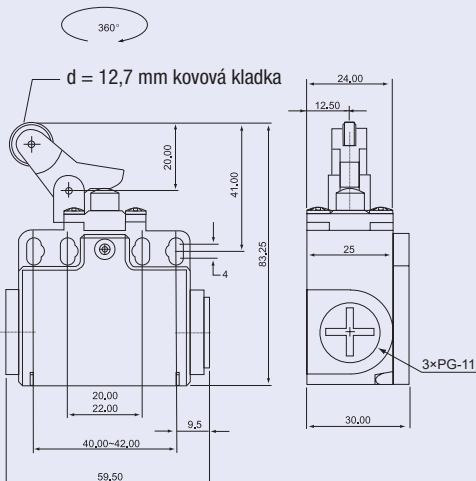


Typ s pákovou kladkou

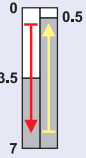
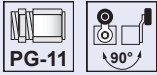


Spínacie dráhy (mm)

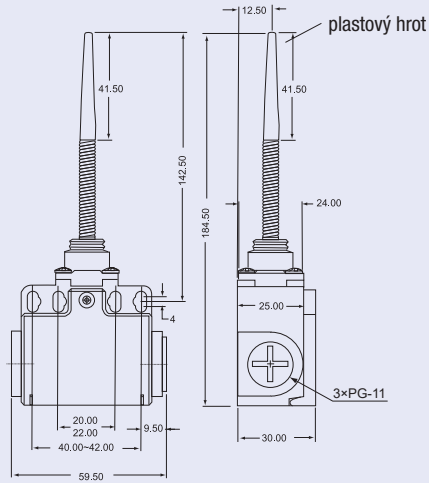
TRACON VT127



Typ s pružinovou pákou



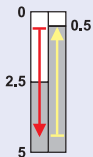
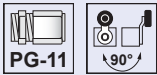
Spínacie dráhy (mm)



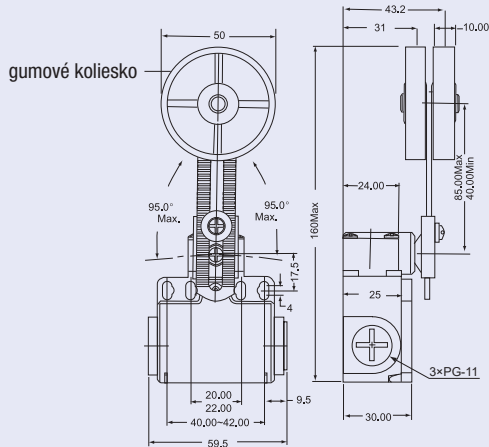
TRACON VT171



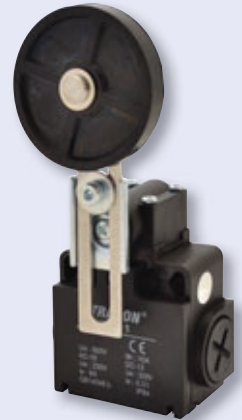
Typ s bočnou pákovou kladkou a nastaviteľnou dĺžkou páky



Spínacie dráhy (mm)



TRACON VT191



LED PANELY

Od prisadených k nástenným typom

Od 6 W do 48 W

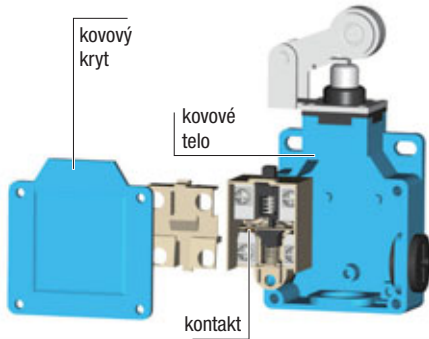
Pre domácnosti aj do kancelárií

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 ELECTRIC®

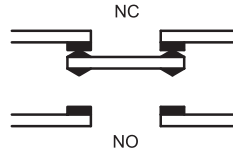
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Koncové spínače VM

| | | | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|---------------------------|---------------------------------------|-------------------------------------|-----------------|--|
| I_{th} 10 A | I_e (AC 1, 230 V) 5 A | I_e (AC 15, 230 V) 2 A | I_e (DC 13, 230 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 | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|---------------------------|---------------------------------------|-------------------------------------|-----------------|--|



Typ kontaktu: Za

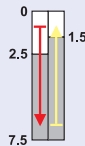
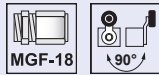


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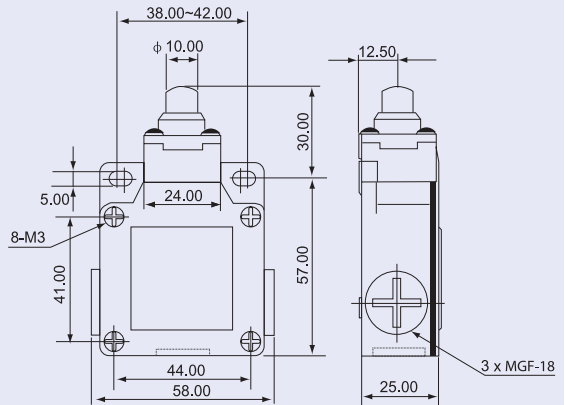
- Spínací+Rozpínací kontakt
- Zosilnené kovové telo
- Masívna konštrukcia
- Odolnosť voči vode a oleju
- Dlhá životnosť
- Jednoduché zapojenie vodičov

Typ s kovovým čapom

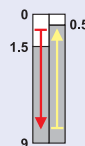
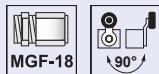


Spínacie dráhy (mm)

TRACON VM110

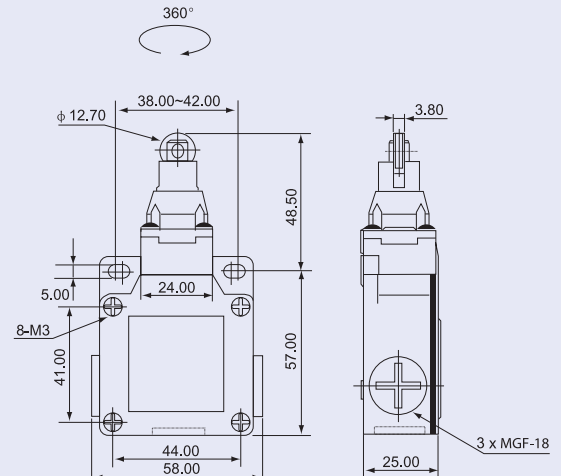


Typ s pozdižnym rotačným čapom

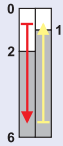
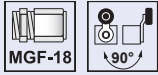


Spínacie dráhy (mm)

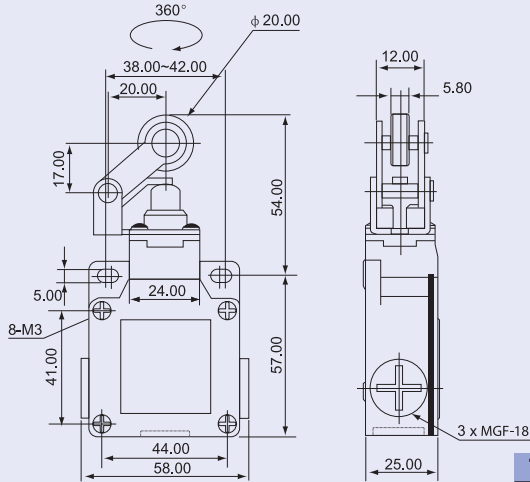
TRACON VM102



Typ s pákovou kladkou

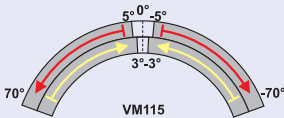
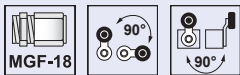


Spínacie dráhy (mm)

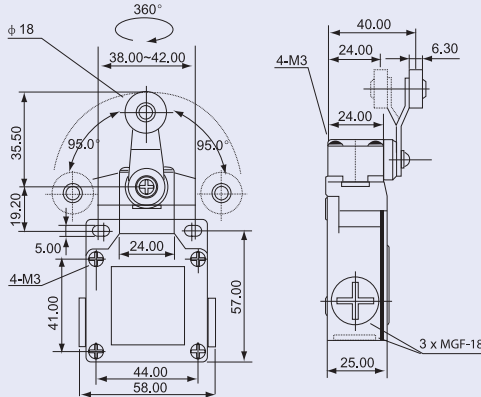


TRACON VM121

Typ s bočnou pákovou kladkou

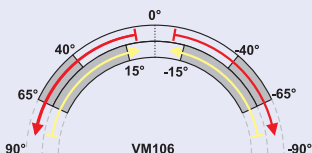
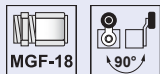


Spínacie dráhy (°)

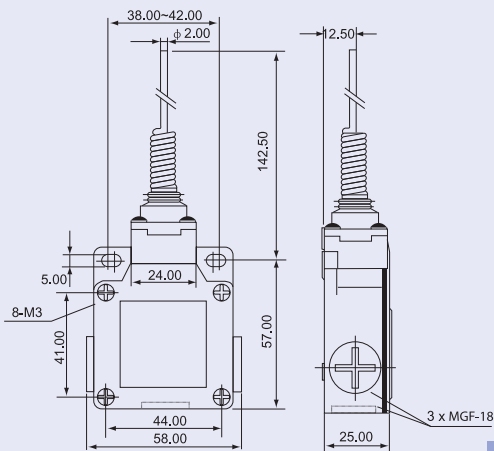


TRACON VM115

Typ s pružinovou pákou

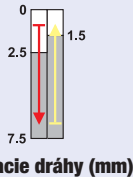
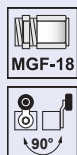


Spínacie dráhy (°)



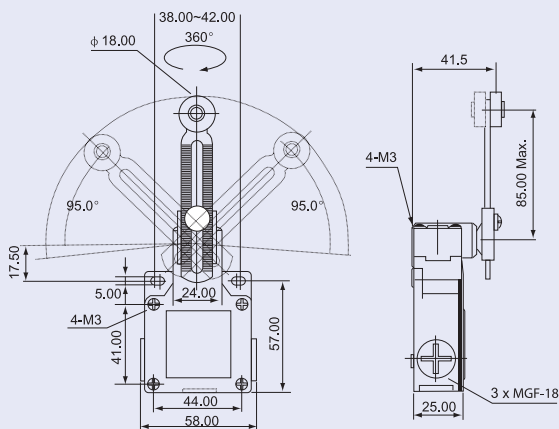
TRACON VM106

Typ s bočnou kladkou a nastaviteľnou dĺžkou páky

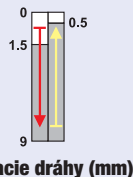
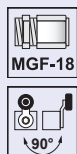


Spínacie dráhy (mm)

TRACON VM145

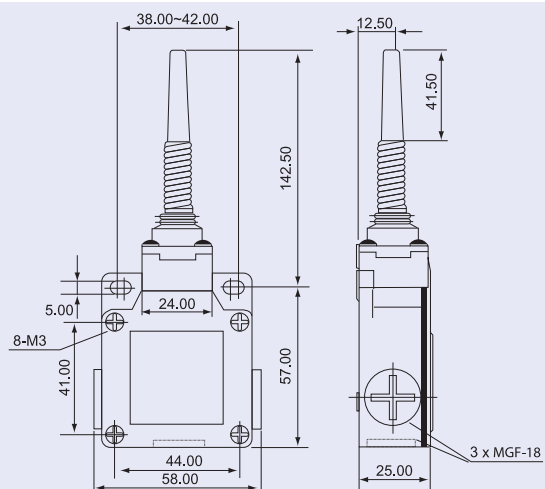


Typ s pružinovou pákou

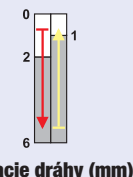


Spínacie dráhy (mm)

TRACON VM171

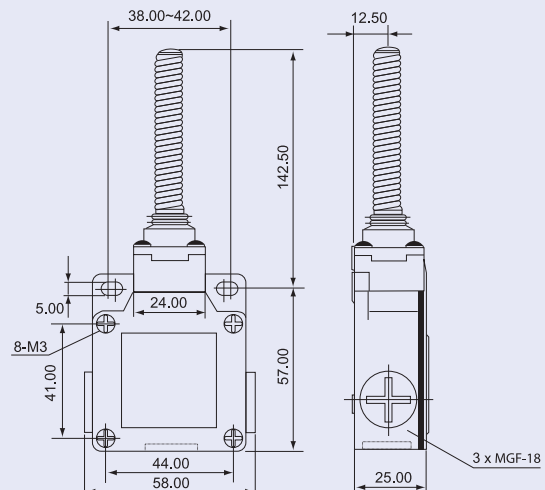


Typ s pružinovou pákou



Spínacie dráhy (mm)

TRACON VM181



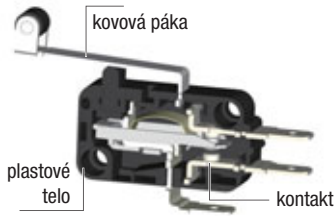
ZÁSUVKOVÉ PRIEMYSELNÉ ROZVODNICE



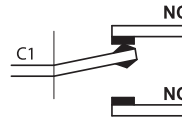
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Mikrospínače KW

| | | | | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|--------------------------------|--------------------------------------|-------------------------------------|-----------------|
| 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 0,75-1,5 | x10⁶ x600 | ON-OFF-ON... sc/h x600 | T_a -25...+80°C | IP 00 |
|-------------------------------|-------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------|-----------------------------------|--------------------------------|--------------------------------------|-------------------------------------|-----------------|



Typ kontaktu: C



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EN 60947-5-1

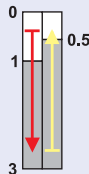
Typy s čapom



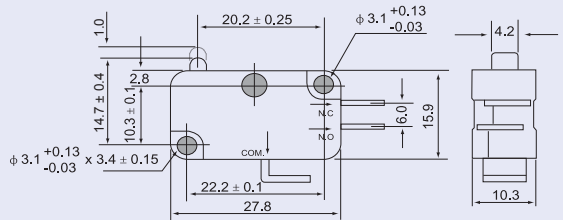
TRACON



| | |
|---------------|------------|
| KW3-01 | 6,3x0,8 mm |
| KW3-05 | 4,8x0,8 mm |



Spínacie dráhy (mm)



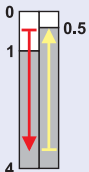
Typy s pákou



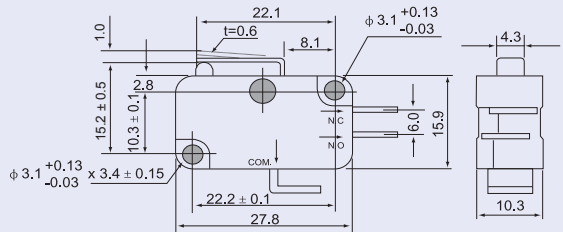
TRACON



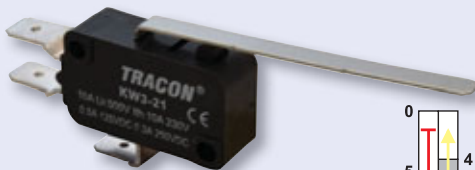
| | |
|---------------|------------|
| KW3-11 | 6,3x0,8 mm |
| KW3-15 | 4,8x0,8 mm |



Spínacie dráhy (mm)



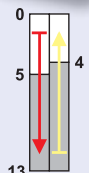
Typy s predĺženou pákou



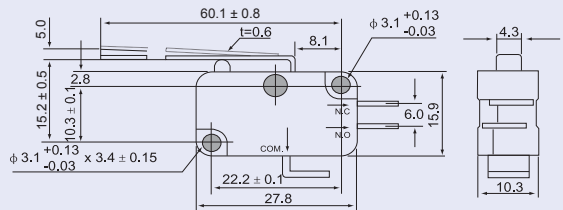
TRACON



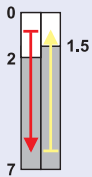
| | |
|---------------|------------|
| KW3-21 | 6,3x0,8 mm |
| KW3-25 | 4,8x0,8 mm |



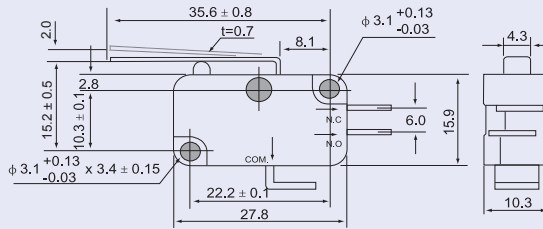
Spínacie dráhy (mm)



Typy s pákou



Spínacie dráhy (mm)



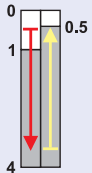
TRACON



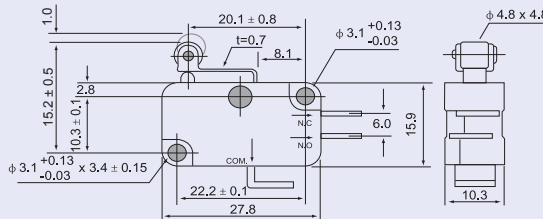
KW3-31 6,3×0,8 mm

KW3-35 4,8×0,8 mm

Typy s pákou a kladkou



Spínacie dráhy (mm)



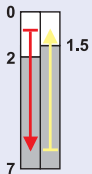
TRACON



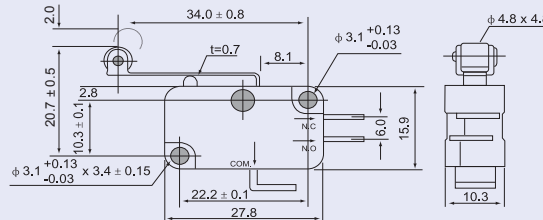
KW3-41 6,3×0,8 mm

KW3-45 4,8×0,8 mm

Typy s pákou a kladkou



Spínacie dráhy (mm)



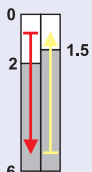
TRACON



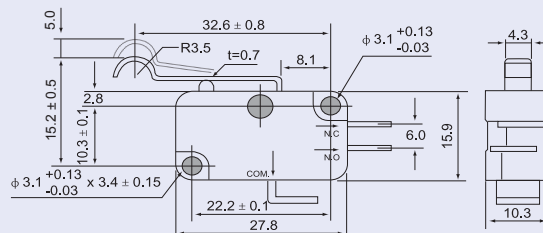
KW3-51 6,3×0,8 mm

KW3-55 4,8×0,8 mm

Typy s ohnutou pákou



Spínacie dráhy (mm)



TRACON

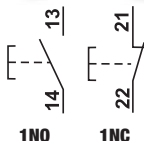


KW3-61 6,3×0,8 mm

KW3-65 4,8×0,8 mm

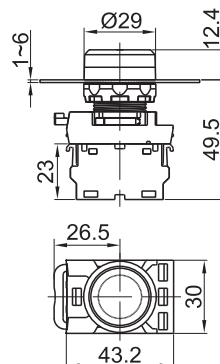
Tlačidlá klasické

| | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|------------------------------------|--------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | (mm²) 0,5-2,5 | x10⁶ | F_{on} max. 20 N | T_a -25..+40°C | 22 mm |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|------------------------------------|--------------|



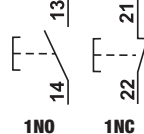
| TRACON | | IP 65 | IP65 | NC | NO |
|-------------------------------------|--|---------------------------------------|------|--------|----|
| NYG3-BK | | | | 1 x NO | |
| NYG3-G | | | | 1 x NO | |
| NYG3-W | | | | 1 x NO | |
| NYG3-Y | | | | 1 x NO | |
| NYG3-B | | | | 1 x NO | |
| NYG3-R | | | | 1 x NC | |
| RELEVANT STANDARD EN 60947-1 | | RELEVANT STANDARD EN 60947-5-1 | | | |

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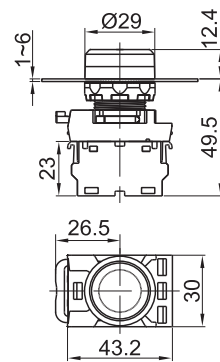
Tlačidlové spínače klasické s aretáciou

| | | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|-------------------------------------|------------------------------------|--------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | (mm²) 0,5-2,5 | x10⁶ | F_{on} max. 20 N | F_{off} max. 15 N | T_a -25..+40°C | 22 mm |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|-------------------------------------|------------------------------------|--------------|



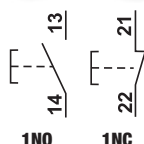
| TRACON | | IP 65 | IP65 | NC | NO |
|-------------------------------------|--|---------------------------------------|------|--------|----|
| NYK3-BK | | | | 1 x NO | |
| NYK3-G | | | | 1 x NO | |
| NYK3-W | | | | 1 x NO | |
| NYK3-Y | | | | 1 x NO | |
| NYK3-B | | | | 1 x NO | |
| NYK3-R | | | | 1 x NC | |
| RELEVANT STANDARD EN 60947-1 | | RELEVANT STANDARD EN 60947-5-1 | | | |

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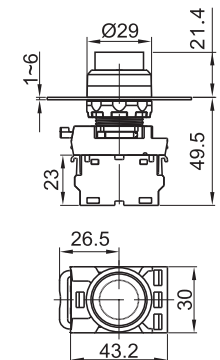
Tlačidlá výstuplé

| | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|------------------------------------|--------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | (mm²) 0,5-2,5 | x10⁶ | F_{on} max. 20 N | T_a -25..+40°C | 22 mm |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|------------------------|------------------------------------|------------------------------------|--------------|



| TRACON | | IP 42 | IP42 | NC | NO |
|-------------------------------------|--|---------------------------------------|------|--------|----|
| NYG3-HBK | | | | 1 x NO | |
| NYG3-HG | | | | 1 x NO | |
| NYG3-HW | | | | 1 x NO | |
| NYG3-HY | | | | 1 x NO | |
| NYG3-HB | | | | 1 x NO | |
| NYG3-HR | | | | 1 x NC | |
| RELEVANT STANDARD EN 60947-1 | | RELEVANT STANDARD EN 60947-5-1 | | | |

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Tlačidlové spínače výstuplé s aretáciou



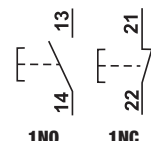
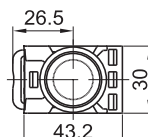
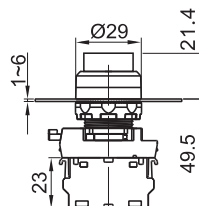
TRACON
IP 42

| | | |
|----------|--|--------|
| NYK3-HBK | | 1 × NO |
| NYK3-HG | | 1 × NO |
| NYK3-HW | | 1 × NO |
| NYK3-HY | | 1 × NO |
| NYK3-HB | | 1 × NO |
| NYK3-HR | | 1 × NC |

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RELEVANT STANDARD
EN 60947-5-1



Tlačidlá podsvietené



TRACON
IP 65

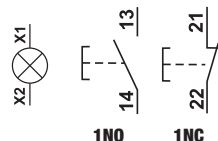
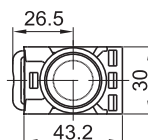
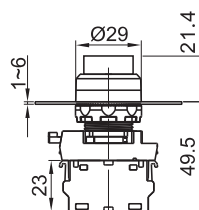
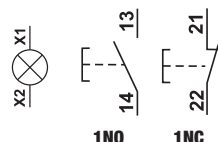
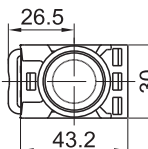
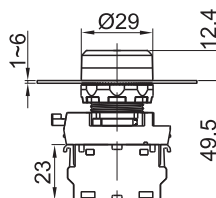
| | | |
|-----------|--|--------|
| NYG3-LG | | 1 × NO |
| NYG3-LW | | 1 × NO |
| NYG3-LY | | 1 × NO |
| NYG3-LB | | 1 × NO |
| NYG3-LR | | 1 × NC |
| NYG3-HLG* | | 1 × NO |
| NYG3-HLW* | | 1 × NO |
| NYG3-HLY* | | 1 × NO |
| NYG3-HLB* | | 1 × NO |
| NYG3-HLR* | | 1 × NC |

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* Typy výstuplé

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RELEVANT STANDARD
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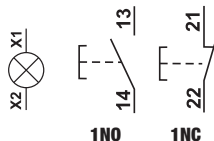


Tlačidlové spínače podsvietené s aretáciou

| | | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|-------------------------------------|-------------------------------------|--------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | [mm²] 0,5-2,5 | [mm] x10 ⁶ | F_{on} max. 20 N | F_{off} max. 15 N | T_a -25...+40°C | 22 mm |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|-------------------------------------|-------------------------------------|--------------|



NYK3-L..



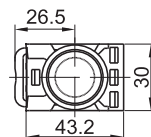
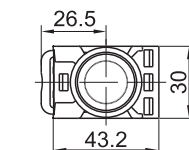
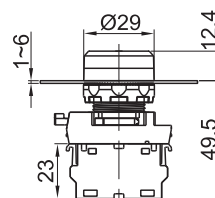
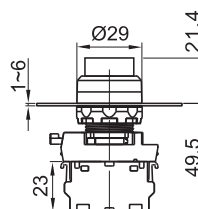
NYK3-H..

| 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 |

* Typy výstuplé (IP42)

RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1



Tlačidlá s popisom, bez a s podsvietením

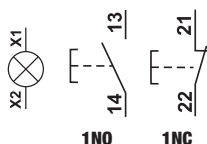
| | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|-------------------------------------|--------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | [mm²] 0,5-2,5 | [mm] x10 ⁶ | F_{on} max. 20 N | T_a -25...+40°C | 22 mm |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|-------------------------------------|--------------|



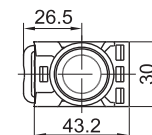
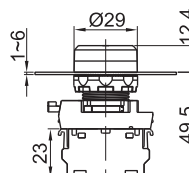
NYG3-P..



NYG3-P..L



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



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Tlačidlové spínače s aretáciou a popisom, bez a s podsvietením

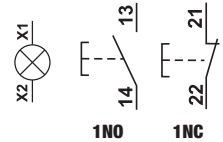
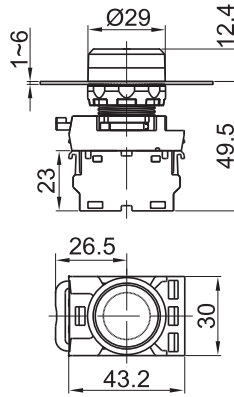


| TRACON | | IP 65 | | IP65 | | NC NO | |
|----------|---|-------|--|------|--|----------|--|
| NYK3-P1 | I | | | | | 1 × NO | |
| NYK3-P4 | → | | | | | 1 × NO | |
| NYK3-P3 | ← | | | | | 1 × NO | |
| NYK3-P2 | O | | | | | 1 × NC | |
| NYK3-P1L | I | | | | | 1 × NO | |
| NYK3-P4L | → | | | | | 1 × NO | |
| NYK3-P3L | ← | | | | | 1 × NO | |
| NYK3-P2L | O | | | | | 1 × NC | |

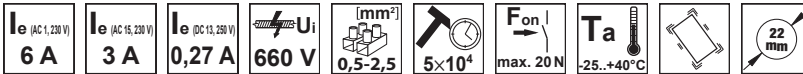
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RELEVANT STANDARD
EN 60947-5-1

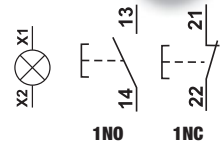
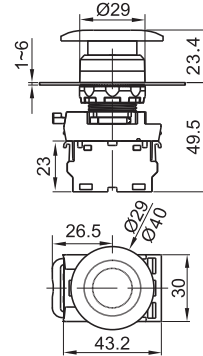


Hříbové tlačidlá, bez a s podsvietením

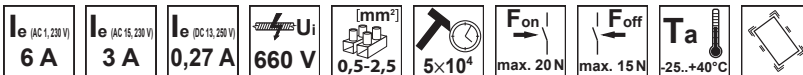


| TRACON | | IP 65 | | IP65 | | NC NO | |
|----------|--|-------|--|------|--|----------|--|
| NYG3-MBK | | | | | | 1 × NO | |
| NYG3-MG | | | | | | 1 × NO | |
| NYG3-MY | | | | | | 1 × NO | |
| NYG3-MB | | | | | | 1 × NO | |
| NYG3-MR | | | | | | 1 × NC | |
| NYG3-MLG | | | | | | 1 × NO | |
| NYG3-MLY | | | | | | 1 × NO | |
| NYG3-MLB | | | | | | 1 × NO | |
| NYG3-MLR | | | | | | 1 × NC | |

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Núdzové tlačidlá, s aretáciou, bez a s podsvietením

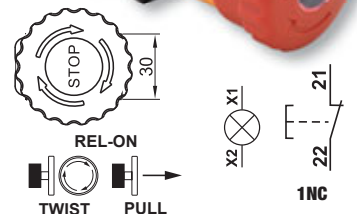
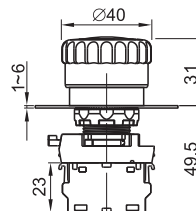


| TRACON | | IP 65 | | IP65 | | NC NO | |
|-----------|------|-------|--|------|--|----------|--|
| NYG3-ETR | | | | | | 1 × NC | |
| NYG3-ETLR | STOP | | | | | 1 × NC | |

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RELEVANT STANDARD
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RELEVANT STANDARD
EN 60947-5-1



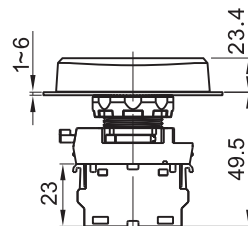
Dvojtláčidlá, bez a s podsvietením

| | | | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------------|--------------|--------------------------------|------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | [mm²] 0,5-2,5 | [mm] x10 ⁶ | F_{on} max. 20 N | T_a -25..+40°C | 22 mm | Vysvetlivky piktogramov | K/0 |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|---------------------------------|------------------------------------|------------------------------------|--------------|--------------------------------|------------|



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

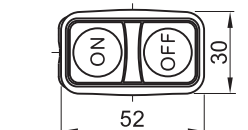
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| | |
|------------|------------|
| 1NO | 1NC |
|------------|------------|

RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1



Otočné spínače s páčkou

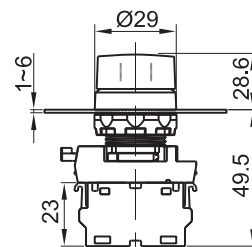
| | | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|-----------------------------------|------------------------------------|--------------|--------------------------------|------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | [mm²] 0,5-2,5 | [mm] 30×10 ⁴ | T_a -25..+40°C | 22 mm | Vysvetlivky piktogramov | K/0 |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|------------------------------------|-----------------------------------|------------------------------------|--------------|--------------------------------|------------|



| | | | | |
|---------------------|-------------------|--------------|-------------|------------------------|
| TRACON | | IP 65 | IP65 | NC NO |
| S aretáciou | NYK3-S21BK | | | 1×NO+1×NC |
| | NYK3-S31BK | | | 2×NO |
| | NYK3-S24BK | | | 1×NO+1×NC |
| Bez aretácie | NYK3-S32BK | | | 2×NO |
| | NYK3-S33BK | | | 2×NO |
| | NYK3-S34BK | | | 2×NO |

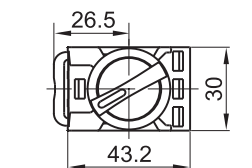
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Vlnovka označuje polohu bez aretácie.



RELEVANT STANDARD
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RELEVANT STANDARD
EN 60947-5-1

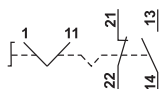


2-polohové s aretáciou

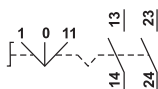
3-polohové s aretáciou

2-polohové bez aretácie

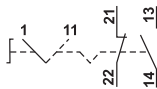
3-polohové bez aretácie



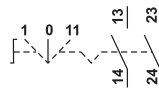
1NC + 1NO



2NO

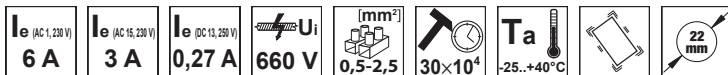


1NC + 1NO

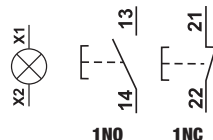
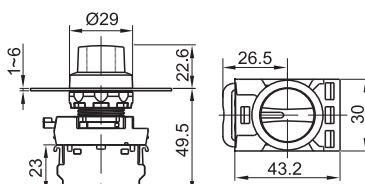


2NO

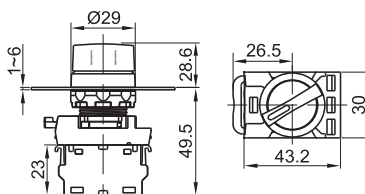
Otočné spínače s páčkou, podsvietené



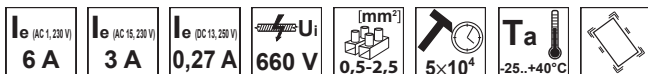
| TRACON | | IP 65 | IP65 | NC NO |
|------------|---|-------|------|-----------|
| NYK3-SL21R | ∇ | | | 1×NO+1×NC |
| NYK3-SL21G | ∇ | | | 1×NO+1×NC |
| NYK3-SL21Y | ∇ | | | 1×NO+1×NC |
| NYK3-SL21B | ∇ | | | 1×NO+1×NC |
| NYK3-SL24R | ∇ | | | 1×NO+1×NC |
| NYK3-SL24G | ∇ | | | 1×NO+1×NC |
| NYK3-SL24Y | ∇ | | | 1×NO+1×NC |
| NYK3-SL24B | ∇ | | | 1×NO+1×NC |
| NYK3-SL31R | ∇ | | | 1×NO+1×NC |
| NYK3-SL31G | ∇ | | | 1×NO+1×NC |
| NYK3-SL31Y | ∇ | | | 1×NO+1×NC |
| NYK3-SL31B | ∇ | | | 1×NO+1×NC |
| NYK3-SL34R | ∇ | | | 1×NO+1×NC |
| NYK3-SL34G | ∇ | | | 1×NO+1×NC |
| NYK3-SL34Y | ∇ | | | 1×NO+1×NC |
| NYK3-SL34B | ∇ | | | 1×NO+1×NC |

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Typy s príponou -24 a -34 sú s pružinovým návratom páčky (bez aretácie). Vlnovka označuje polohu bez aretácie.



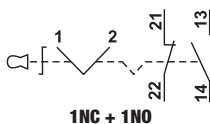
Otočné spínače s kľúčom



| TRACON | | IP 42 | IP42 | NC NO |
|--------------|----------|-------|------|-----------|
| S aretáciou | NYK3-K21 | ∇ | | 1×NO+1×NC |
| | NYK3-K31 | ∇ | | 1×NO+1×NC |
| Bez aretácie | NYK3-K24 | ∇ | | 1×NO+1×NC |
| | NYK3-K34 | ∇ | | 1×NO+1×NC |

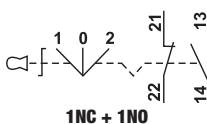
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2-polohové s aretáciou

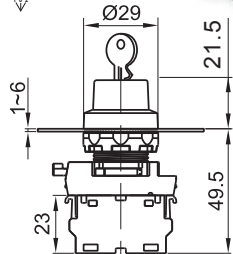


1NC + 1NO

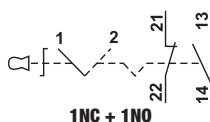
3-polohové s aretáciou



1NC + 1NO

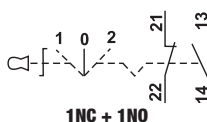


2-polohové bez aretácie

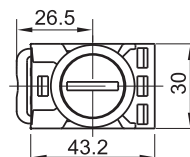


1NC + 1NO

3-polohové bez aretácie



1NC + 1NO



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

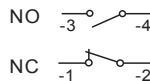
Bloky kontaktov k ovládacím hlaviciam NYG3, NYK3

| | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|---------------------|---------------|-------------------|--|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 15, 230 V) 0,27 A | U_i 660 V | (mm^2) 0,5-2,5 | $\times 10^6$ | Ta -25...+40°C | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|---------------------|---------------|-------------------|--|

Vysvetlivky piktogramov **K/0**



| | | | | |
|-----------------|--|--|--|----------|
| TRACON | | | | NC NO |
| NYG3-CE1 | | | | 1 x NO |
| NYG3-CE2 | | | | 1 x NC |



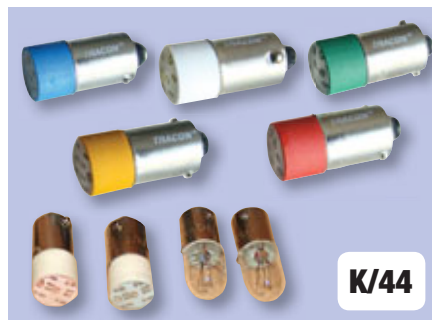
Zafixujú sa zaklapnutím do tela ovládacej hlavice. Konštrukcia umožňuje viacúrovňovú montáž blokov.

Blok LED kontrolky k ovládacím hlaviciam NYG3, NYK3

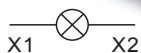


| | | | |
|-----------------------|---------------------|-------------------|--|
| U_i 660 V | (mm^2) 0,5-2,5 | Ta -25...+40°C | |
|-----------------------|---------------------|-------------------|--|

| | | | | |
|-----------------|--|--------------|--|------|
| TRACON | | | | |
| NYG3-SOC | | IP 42 | | Ba9s |



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Dodávame bez žiarovky. Zafixuje sa zaklapnutím do tela ovládacej hlavice. Sortiment žiaroviek viď na str. K/44.

Krabice k ovládacím hlaviciam NYG3, NYK3

| | | | | |
|-------------------|--|-----------------|----------------------------|-------------------------------|
| Ta -25...+40°C | | IP 65 | $\% \text{ rH}$ max. 90 | \varnothing 22 mm |
|-------------------|--|-----------------|----------------------------|-------------------------------|



| TRACON | | | L x W x H (mm) | TRACON | | | L x W x H (mm) |
|-----------------|--|--|----------------|-----------------|--|--|----------------|
| | | | | | | | |
| NYGD-1GR | | | 70 x 90 x 65 | NYGD-4GR | | | 70 x 207 x 65 |
| NYGD-1YE | | | 70 x 90 x 65 | NYGD-4YE | | | 70 x 207 x 65 |
| NYGD-2GR | | | 70 x 127 x 65 | NYGD-5GR | | | 70 x 247 x 65 |
| NYGD-2YE | | | 70 x 127 x 65 | NYGD-5YE | | | 70 x 247 x 65 |
| NYGD-3GR | | | 70 x 167 x 65 | NYGD-6GR | | | 70 x 287 x 65 |
| NYGD-3YE | | | 70 x 167 x 65 | NYGD-6YE | | | 70 x 287 x 65 |



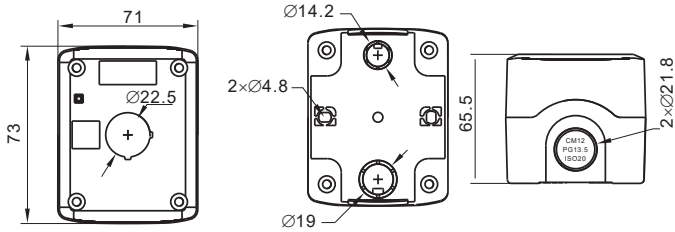
NYGD-1GR



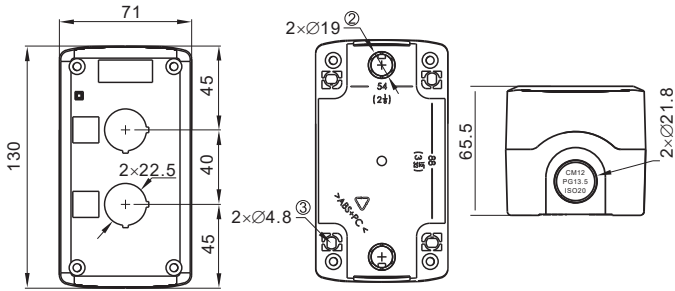
NYGD-2YE



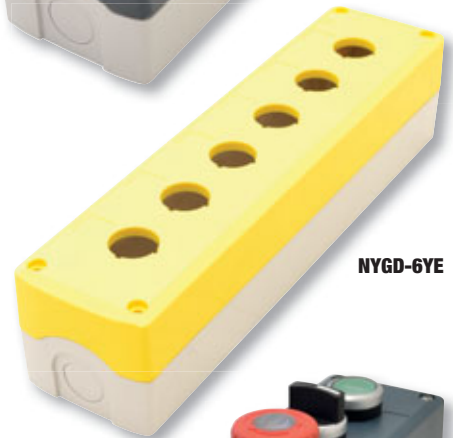
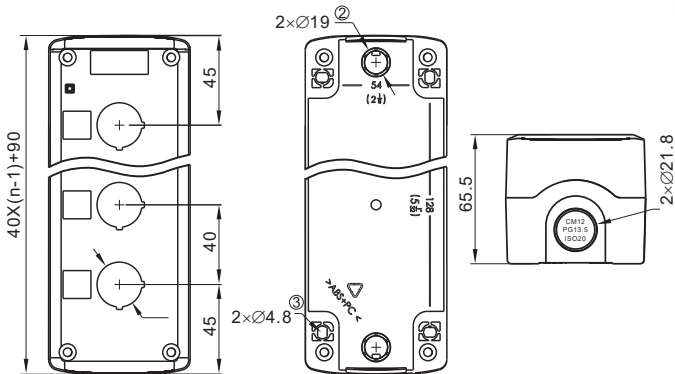
NYGD-3GR



NYGD-4YE




NYGD-5GR



NYGD-6YE



Doplnky k ovládacím tlačidlám a spínačom NYG3, NYK3

| TRACON | |  |
|-------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| NYG3-CAP | Ochranná krytka, d=22 mm; h=16 mm; SILICA GEL | |
| NYG3-CAPH | Ochranná krytka, d=22 mm; h=22 mm; SILICA GEL | |
| NYG3-LHB | Popisovacia tabuľa (upevniteľná zaklapnutím zozadu), 25×10 mm; ABS | |
| NYG3-LHBH | Popisovacia tabuľa (upevniteľná zaklapnutím zozadu), 25×17 mm; ABS | |
| NYG3-LHS | Popisovacia tabuľa (upevniteľná bočným zasunutím), 25×10 mm; ABS | |
| NYG3-LHSH | Popisovacia tabuľa (upevniteľná bočným zasunutím), 25×17 mm; ABS | |
| NYG3-BLP | Záslepka, d=22 mm; ABS | |
| NYGR25/22 | Redukčný krúžok, D=25/d=22 mm; ABS | |
| NYGR30/22 | Pár redukčných krúžkov z D=30 mm na d=22 mm | |
| NYGR38/22 | Pár redukčných krúžkov z D=38 mm na d=22 mm | |
| NYG3-SCAP | Plombovateľná krytka, D=30 mm/d=22 mm; POLYCARBONATE | |
| NYG3-LCAP | Krytka na visiaci zámok, D=50 mm/d=22 mm; POLYCARBONATE | |
| NYG3-ES60 | Štítok EMERGENCY STOP, d=60 mm; ABS | |
| NYG3-ES90 | Štítok EMERGENCY STOP, d=90 mm; ABS | |
| NYG3-P30 | Ochranný límeč okrúhly, d=30 mm; ABS | |
| NYG3-PH30 | Ochranný límeč zúbkovaný, d=30 mm; ABS | |
| NYG3-P60 | Ochranný límeč okrúhly, d=60 mm; ABS | |
| NYGD-FR | Redukčný krúžok ku krabiciam NYGD-..., d=22 mm; ABS | |
| NYG3-ES60H | Štítok EMERGENCY STOP, d=60 mm, h=8 mm, ABS | |
| NYG3-PH65 | Ochranný límeč, oblúkovitý, W=65 mm, H=80 mm, D=38 mm, ABS | |



NYG3-CAP



NYG3-LH



NYG3-BLP



NYGR25/22



NYG3-SCAP



NYG3-LCAP



NYG3-ES..



NYP3-P..



NYG3-PH30



NYGD-FR



NYG3-PH65



NYGR3..

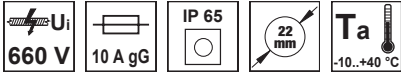


NAČITAJTE KÓD!

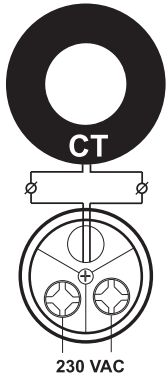
- Pozrite si naše novinky!
- Buďte informovaný!

Náš sortiment sa neustále a rýchlo rozrastá.
Predložený katalóg odráža stav k aprílu 2019.
Pre aktuálne informácie, prosím,
navštívte našu internetovú stránku!

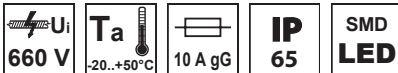
Snímače napätia a prúdu, akustické signalizátory



| TRACON | | | U_m | I_m | | |
|-------------|---|------------|-------------|---------|---|--|
| NYG3-VR | | LED | 24-500 V AC | - | - | |
| NYG3-VG | | LED | 24-500 V AC | - | - | |
| NYG3-VY | | LED | 24-500 V AC | - | - | |
| NYG3-AR | | LED | - | 1-100 A | - | |
| NYG3-AG | | 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 | - | ✓ | |

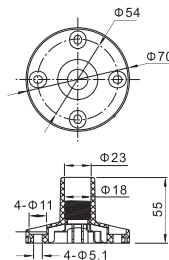
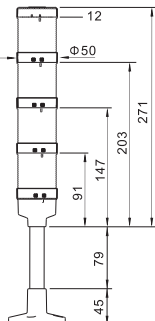


Svetelné stípičky



Farby: G: zelená; R: červená; B: modrá; Y: žltá; W: biela

| TRACON | U_m | | |
|---------------|------------|--|--|
| NYG3-50RYG | AC 230 V | | |
| NYG3-50RYGB | AC 230 V | | |
| NYG3-50RYGBW | AC 230 V | | |
| NYG3-50RYGM | AC/DC 24 V | | |
| NYG3-50RYGBM | AC/DC 24 V | | |
| NYG3-50RYGBWM | AC/DC 24 V | | |



NYG3-50RYG NYG3-50RYGB NYG3-50RYGBW

Kontrolky LED



Kontrolky s priemerom Ø=16 mm

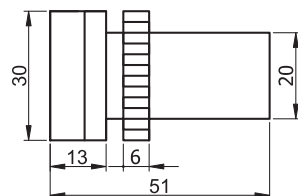
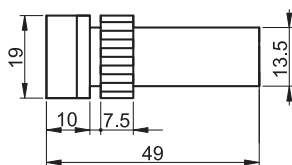
| TRACON | | Um |
|----------|--|-------------|
| LJL16-RA | | 12 V AC/DC |
| LJL16-RC | | 24 V AC/DC |
| LJL16-RD | | 48 V AC/DC |
| LJL16-RE | | 230 V AC/DC |
| LJL16-RF | | 400 V AC |
| LJL16-GA | | 12 V AC/DC |
| LJL16-GC | | 24 V AC/DC |
| LJL16-GD | | 48 V AC/DC |
| LJL16-GE | | 230 V AC/DC |
| 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 |

Kontrolky s priemerom Ø=22 mm

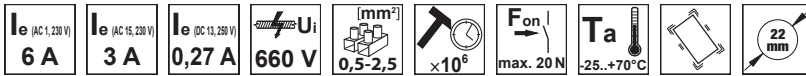
| TRACON | | | Um | |
|----------|-----------|--|-------------|--|
| IP 65 | | | | |
| LJL22-RA | LJL22-RAT | | 12 V AC/DC | |
| LJL22-RC | LJL22-RCT | | 24 V AC/DC | |
| LJL22-RD | LJL22-RDT | | 48 V AC/DC | |
| LJL22-RE | LJL22-RET | | 230 V AC/DC | |
| LJL22-RF | LJL22-RFT | | 400 V AC | |
| LJL22-GA | LJL22-GAT | | 12 V AC/DC | |
| LJL22-GC | LJL22-GCT | | 24 V AC/DC | |
| LJL22-GD | LJL22-GDT | | 48 V AC/DC | |
| LJL22-GE | LJL22-GET | | 230 V AC/DC | |
| LJL22-GF | LJL22-GFT | | 400 V AC | |
| LJL22-YA | LJL22-YAT | | 12 V AC/DC | |
| LJL22-YC | LJL22-YCT | | 24 V AC/DC | |
| LJL22-YD | LJL22-YDT | | 48 V AC/DC | |
| LJL22-YE | LJL22-YET | | 230 V AC/DC | |
| LJL22-YF | LJL22-YFT | | 400 V AC | |
| LJL22-WA | LJL22-WAT | | 12 V AC/DC | |
| LJL22-WC | LJL22-WCT | | 24 V AC/DC | |
| LJL22-WD | LJL22-WDT | | 48 V AC/DC | |
| LJL22-WE | LJL22-WET | | 230 V AC/DC | |
| LJL22-WF | LJL22-WFT | | 400 V AC | |
| LJL22-BA | LJL22-BAT | | 12 V AC/DC | |
| LJL22-BC | LJL22-BCT | | 24 V AC/DC | |
| LJL22-BD | LJL22-BDT | | 48 V AC/DC | |
| LJL22-BE | LJL22-BET | | 230 V AC/DC | |
| LJL22-BF | LJL22-BFT | | 400 V AC | |

NYGD-1GR

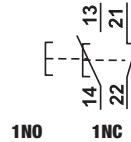
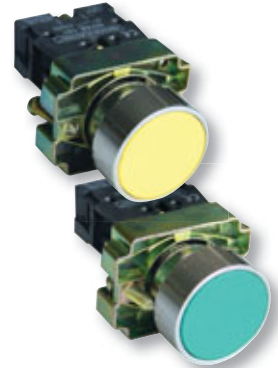
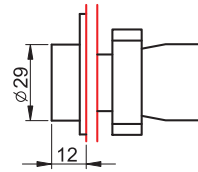
page K/32



Tlačidlá klasické



| TRACON | | IP 42 | IP42 | IP65 | NC | NO |
|----------|-----------|-------|------|----------|--------|----|
| NYGBA21 | NYGBA21T | | | NYGD-1GR | 1 × NO | |
| NYGBA31Z | NYGBA31ZT | | | | 1 × NO | |
| NYGBA51S | NYGBA51ST | | | page | 1 × NO | |
| NYGBA61K | NYGBA61KT | | | K/32 | 1 × NO | |
| NYGBA42P | NYGBA42PT | | | | 1 × NC | |

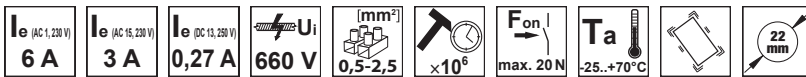


1NO

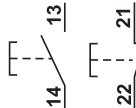
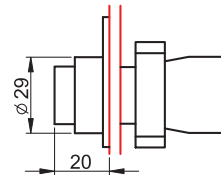
1NC

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

Tlačidlá výstuplé



| TRACON | | IP 42 | IP42 | IP65 | NC | NO |
|----------|-----------|-------|------|----------|--------|----|
| NYGBL21 | NYGBL21T | | | NYGD-1GR | 1 × NO | |
| NYGBL31Z | NYGBL31ZT | | | | 1 × NO | |
| NYGBL51S | NYGBL51ST | | | page | 1 × NO | |
| NYGBL61K | NYGBL61KT | | | K/32 | 1 × NO | |
| NYGBL42P | NYGBL42PT | | | | 1 × NC | |

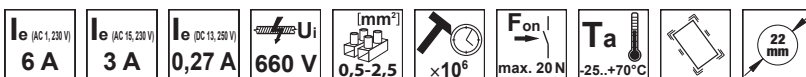


1NO

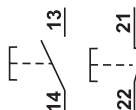
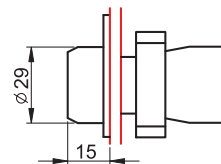
1NC

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

Tlačidlá s gumovým krytom hlavice



| TRACON | | IP 55 | IP42 | IP65 | NC | NO |
|----------|-----------|-------|------|----------|--------|----|
| NYGBP21 | NYGBP21T | | | NYGD-1GR | 1 × NO | |
| NYGBP31Z | NYGBP31ZT | | | | 1 × NO | |
| NYGBP51S | NYGBP51ST | | | page | 1 × NO | |
| NYGBP61K | NYGBP61KT | | | K/32 | 1 × NO | |
| NYGBP42P | NYGBP42PT | | | | 1 × NC | |



1NO

1NC

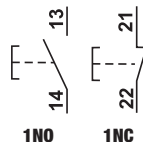
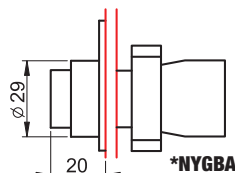
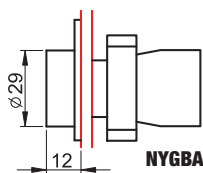
RELEVANT STANDARD
EN 60947-1RELEVANT STANDARD
EN 60947-5-1

Tlačidlá klasické a výstuplé, s popisom

| | | | | | | | | | | |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------|--------------------------------------------|--------------|--------------------------------|------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | [mm²] 0,5-2,5 | [x10⁶] max. 20 N | F_{on} max. 20 N | T_a -25...+70°C | 22 mm | Vysvetlivky piktogramov | K/O |
|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|-------------------------------------------|----------------------------------------------|-------------------------------------------|--------------------------------------------|--------------|--------------------------------|------------|

| TRACON | | IP 42 | IP 65 | NC | NO |
|-------------|--------------|-------|----------|--------|----|
| NYGBA3351 | NYGBA3351T | → | NYGD-1GR | 1 × NO | |
| NYGBA3341 | NYGBA3341T | → | | 1 × NO | |
| NYGBA3311Z | NYGBA3311ZT | | page | 1 × NO | |
| NYGBA4222P | NYGBA4222PT | 0 | K/32 | 1 × NC | |
| NYGBA4322P* | NYGBA4322PT* | 0 | | 1 × NC | |

* Typy výstuplé



Tlačidlá s kontrolkou

| TRACON | | IP 42 | IP 65 | NC | NO | U _m | Um |
|----------|------------|-------------|----------|--------|------------|----------------|----|
| X1 X2 | NYGBW33Z | NYGBW33ZT | NYGD-1GR | 1 × NO | max. 400 V | NYGI230* | |
| | NYGBW33S | NYGBW33ST | | 1 × NO | max. 400 V | NYGI230* | |
| | NYGBW33K | NYGBW33KT | | 1 × NO | max. 400 V | NYGI230* | |
| | NYGBW33P | NYGBW33PT | | 1 × NC | max. 400 V | NYGI230* | |
| X1 X2 | NYGBW3371Z | NYGBW3371ZT | NYGD-1GR | 1 × NO | 230-240 V | NYGI130** | |
| | NYGBW3571S | NYGBW3571ST | | 1 × NO | 230-240 V | NYGI130** | |
| | NYGBW3471P | NYGBW3471PT | | 1 × NC | 230-240 V | NYGI130** | |
| X1 X2 | NYGBW3341Z | - | - | 1 × NO | 230-240 V | NYGI6** | |
| | NYGBW3541S | - | | 1 × NO | 230-240 V | NYGI6** | |
| | NYGBW3441P | - | | 1 × NC | 230-240 V | NYGI6** | |
| | NYGBW3351Z | - | | 1 × NO | 400 V | NYGI6** | |
| | NYGBW3551S | - | | 1 × NO | 400 V | NYGI6** | |
| | NYGBW3451P | - | | 1 × NC | 400 V | NYGI6** | |

* Doporučený použiteľný typ žiarovky. Dodávame bez žiarovky. Sortiment žiaroviek viď na str. K/44.

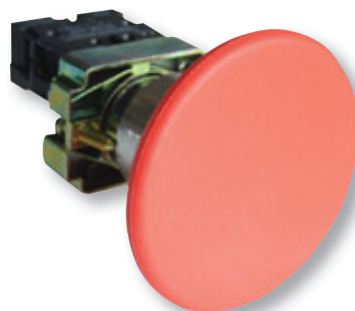
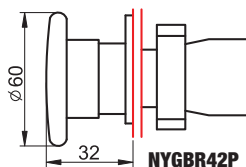
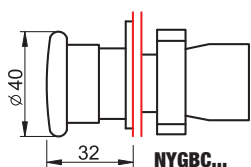
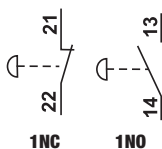
** Žiarovky používané v kontrolkách majú ovládacie napätie 130 V, žiarovky zabudované do typov s transformátorom 6 V.

| | | | |
|---------------------------|--------------|---------------|-----------------------|
| 1NO 1NC | Klasické | S odporom | S transformátorom |
| 19 61 | 19 66 | 19 82 | |

Hríbové tlačidlá s pružinovou vratnou polohou (bez aretácie)

| | | | | | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|------------------------------------------|---------------|------------------------------|-----------------------------|--|--|--------------------------------|------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | S (mm ²) 0,5-2,5 | $\times 10^6$ | F_{on} max. 20 N | T_a -25...+70°C | | | Vysvetlivky piktogramov | K/O |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|------------------------------------------|---------------|------------------------------|-----------------------------|--|--|--------------------------------|------------|

| TRACON | | | | | |
|-----------------|------------------|-------------------|-------------------------------------|--------|-------|
| | | | | | |
| NYGBC21 | NYGBC21T | - | NYGD-1GR page K/32 | 1 × NO | 40 mm |
| NYGBC31Z | NYGBC31ZT | - | | 1 × NO | |
| NYGBC51S | NYGBC51ST | - | | 1 × NO | |
| NYGBC61K | NYGBC61KT | - | 1 × NO | | |
| NYGBC42P | NYGBC42PT | NYGBC42PTS | NYGD-1YE page K/32 | 1 × NC | 60 mm |
| NYGBR42P | NYGBR42PT | NYGBR42PTS | | 1 × NC | |



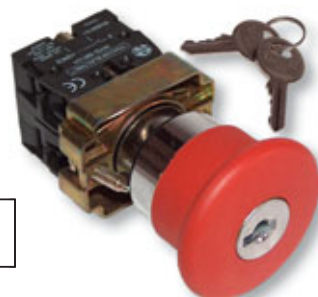
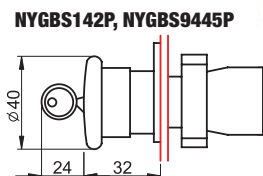
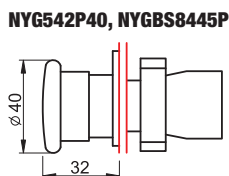
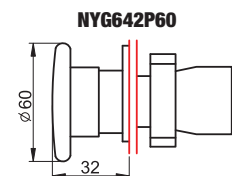
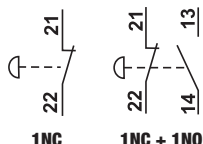
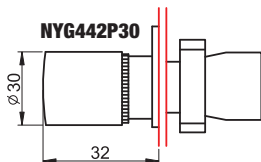
RELEVANT STANDARD
EN 60947-1

RELEVANT STANDARD
EN 60947-5-1

Hríbové núdzové tlačidlá s pevnou polohou (s aretáciou)

| | | | | | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|------------------------------------------|---------------|------------------------------|-------------------------------|-----------------------------|--|--------------------------------|------------|
| I_e (AC 1, 230 V) 6 A | I_e (AC 15, 230 V) 3 A | I_e (DC 13, 230 V) 0,27 A | U_i 660 V | S (mm ²) 0,5-2,5 | $\times 10^6$ | F_{on} max. 20 N | F_{off} max. 15 N | T_a -25...+70°C | | Vysvetlivky piktogramov | K/O |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|------------------------------------------|---------------|------------------------------|-------------------------------|-----------------------------|--|--------------------------------|------------|

| TRACON | | | | | | |
|-------------------|--------------------|---------------------|--------------------------------------------------------|-----------------|-------|--|
| | | | | | | |
| NYG442P30 | NYG442P30T | NYG442P30TS | NYGD-1GR NYGD-1YE page K/32 | 1 × NC | 30 mm | |
| NYG542P40 | NYG542P40T | NYG542P40TS | | 1 × NC | 40 mm | |
| NYG642P60 | NYG642P60T | NYG642P60TS | | 1 × NC | 60 mm | |
| NYGBS8445P | NYGBS8445PT | NYGBS8445PTS | NYGD-1YE page K/32 | 1 × NC + 1 × NO | 40 mm | |
| NYGBS142P | NYGBS142PT | NYGBS142PTS | | 1 × NC | 40 mm | |
| NYGBS9445P | NYGBS9445PT | NYGBS9445PTS | | 1 × NC + 1 × NO | 40 mm | |

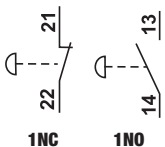
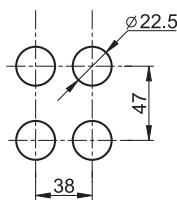
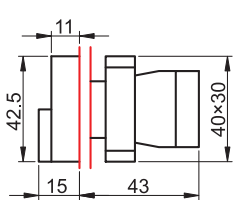


Dvojtlačidlá stlačacie

| | | | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|-------------------|---------------|-----------------------|---------------------|--|--|
| 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 | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|-------------------|---------------|-----------------------|---------------------|--|--|

Vysvetlivky piktogramov **K/0**

| TRACON | | | | | |
|-----------------|------------------|----------|----------|------------------|---------------|
| NYKK8325 | NYKK8325T | | | NYGD-1GR | 1 × NC+1 × NO |
| NYKK8425 | NYKK8425T | I | 0 | page K/32 | 1 × NC+1 × NO |



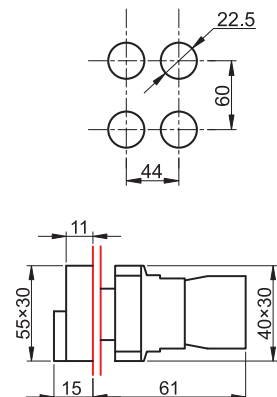
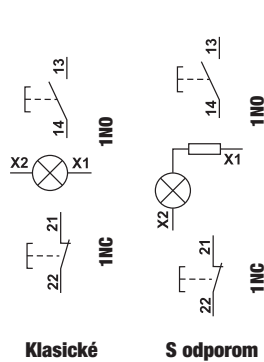
Dvojtlačidlá stlačacie s kontrolkou

| | | | | | | | | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|-------------------|---------------|-----------------------|---------------------|--|--|
| 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 | | |
|-----------------------------------|------------------------------------|---------------------------------------|-----------------------|-------------------|---------------|-----------------------|---------------------|--|--|

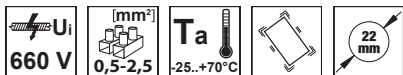
| TRACON | | | | U_m | | |
|-------------------|-----------------|----------|-----------|---------------|------------|-----------|
| $X_2 \otimes X_1$ | NYKK8365 | I | 0 | 1 × NC+1 × NO | max. 400 V | NYGI230* |
| | NYKK8465 | I | 0 | 1 × NC+1 × NO | max. 400 V | NYGI230* |
| $X_2 \otimes X_1$ | NYKK8375 | I | | 1 × NC+1 × NO | 240 V | NYGI130** |
| $X_2 \otimes X_1$ | NYKK8475 | I | 0* | 1 × NC+1 × NO | 240 V | NYGI130** |

* Doporučený použiteľný typ žiarovky. Dodávame bez žiarovky. Sortiment žiaroviek viď na str. K/44.

** Žiarovky používané v kontrolkách majú ovládacie napätie 130 V.



Kontrolky (Ba9s)



| TRACON | | Um | IP65 | Light bulb icon |
|--------|-----------------|------------------|------|-----------------|
| | | | | |
| | NYGBV61 | NYGBV61T | | max. 400 V |
| | NYGBV64P | NYGBV64PT | | max. 400 V |
| | NYGBV63Z | NYGBV63ZT | | max. 400 V |
| | NYGBV65S | NYGBV65ST | | max. 400 V |
| | NYGBV66K | NYGBV66KT | | max. 400 V |
| | NYGBV73Z | NYGBV73ZT | | 230-240 V |
| | NYGBV74P | NYGBV74PT | | 230-240 V |
| | NYGBV75S | NYGBV75ST | | 230-240 V |
| | NYGBV43Z | NYGBV43ZT | | 230-240 V |
| | NYGBV44P | NYGBV44PT | | 230-240 V |
| | NYGBV45S | NYGBV45ST | | 230-240 V |
| | NYGBV53Z | NYGBV53ZT | | 400 V |
| | NYGBV54P | NYGBV54PT | | 400 V |
| | NYGBV55S | NYGBV55ST | | 400 V |

NYGD-1GR

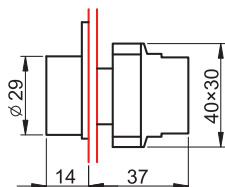
page
K/32

NYGD-1GR

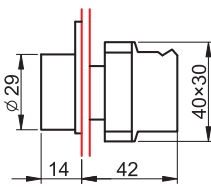
page
K/32

Kontrolky dodávame bez žiarovky. Sortiment žiaroviek viď na str. K/44.

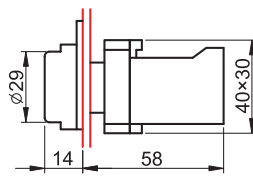
* Žiarovky používané v kontrolkách majú ovládacie napätie 130 V, žiarovky zabudované do typov s transformátorom 6 V.



Klasické



S odporom



S transformátorom

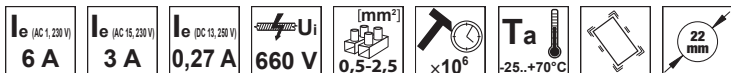
TÜV MEEI TEST DOCUMENTATION
V-15180RELEVANT STANDARD
EN 62094

Stykače

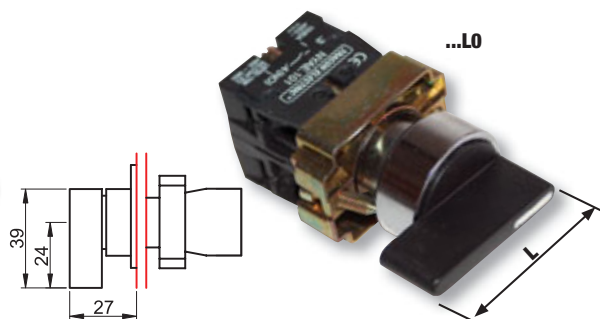
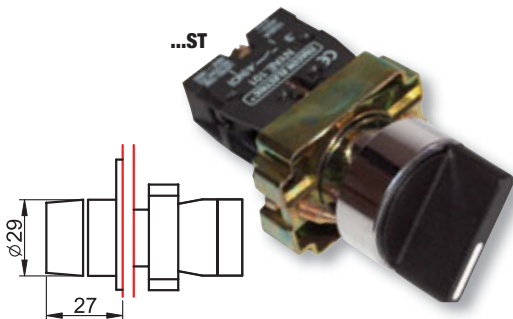


I/32

Otočné spínače s ovládacou pákou



| TRACON | | | IP 42 | IP 65 | NC NO | L | |
|--------------|------------|-------------------------------|-------------------------------|----------|---------------|--------|-------|
| S aretáciou | NYBD21KST | NYBD21KSTT | 1 ¹ 2 ² | NYGD-1GR | 1 × NO | 29 mm | |
| | NYBJ21KLO | NYBJ21KLOT | 1 ¹ 2 ² | | 1 × NO | 39 mm | |
| | KBD25ST | KBD25STT | 1 ¹ 2 ² | | 1 × NC+1 × NO | 29 mm | |
| | KBJ25LO | KBJ25LOT | 1 ¹ 2 ² | | 1 × NC+1 × NO | 39 mm | |
| | NYBD33KST | NYBD33KSTT | 1 ¹ 2 ² | | 2 × NO | 29 mm | |
| NYBJ33KLO | NYBJ33KLOT | 1 ¹ 2 ² | 2 × NO | | 39 mm | | |
| Bez aretácie | NYBD41KST | NYBD41KSTT | 1 ¹ 2 ² | | page K/32 | 1 × NO | 29 mm |
| | NYBJ41KLO | NYBJ41KLOT | 1 ¹ 2 ² | | 1 × NO | 39 mm | |
| | NYBD45KST | NYBD45KSTT | 1 ¹ 2 ² | | 1 × NC+1 × NO | 29 mm | |
| | NYBJ45KLO | NYBJ45KLOT | 1 ¹ 2 ² | | 1 × NC+1 × NO | 39 mm | |
| | NYBD53KST | NYBD53KSTT | 1 ¹ 2 ² | 2 × NO | 29 mm | | |
| NYBJ53KLO | NYBJ53KLOT | 1 ¹ 2 ² | 2 × NO | 39 mm | | | |

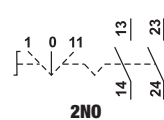
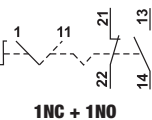
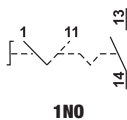
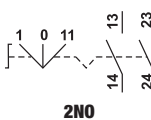
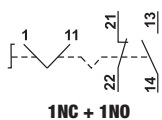
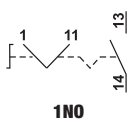


2-polohové s aretáciou

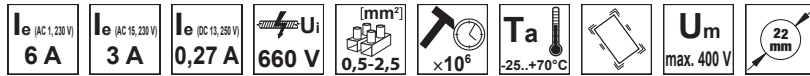
3-polohové s aretáciou

2-polohové s aretáciou

3-polohové bez aretácie



Otočné spínače s presvetlenou ovládacou pákou



| TRACON | | IP 42 | IP 65 | NC | NO |
|--------------|------------|-------------|-------|---------------|---------|
| S aretáciou | NYGBK2365Z | NYGBK2365ZT | 1 | 1 × NC+1 × NO | NYGLZ * |
| | NYGBK2565S | NYGBK2565ST | 2 | 1 × NC+1 × NO | NYGLS * |
| | NYGBK2665K | NYGBK2665KT | 3 | 1 × NC+1 × NO | NYGLK * |
| | NYGBK2465P | NYGBK2465PT | 4 | 1 × NC+1 × NO | NYGLP * |
| | NYGBK3365Z | NYGBK3365ZT | 5 | 1 × NC+1 × NO | NYGLZ * |
| | NYGBK3565S | NYGBK3565ST | 6 | 1 × NC+1 × NO | NYGLS * |
| Bez aretácie | NYGBK3665K | NYGBK3665KT | 7 | 1 × NC+1 × NO | NYGLK * |
| | NYGBK3465P | NYGBK3465PT | 8 | 1 × NC+1 × NO | NYGLP * |

NYGD-1GR page K/32

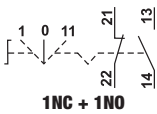


* Dodávame bez žiaroviek. Uvedené typy sú odporúčané, ich sortiment viď na str. K/44.

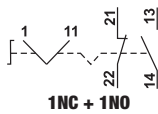
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RELEVANT STANDARD
EN 60947-5-1

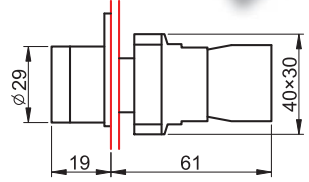
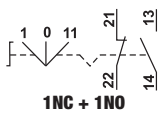
3-položové
bez aretácie



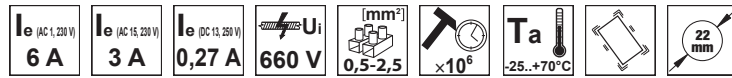
2-položové
s aretáciou



3-položové
s aretáciou



Otočné spínače so zámkom

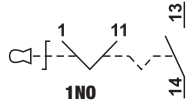


| TRACON | | IP 42 | IP 65 | NC | NO |
|--------------|----------|-----------|-------|---------------|----|
| S aretáciou | NYBG21KK | NYBG21KKT | 1 | 1 × NO | 1 |
| | NYBG41KK | NYBG41KKT | 2 | 1 × NO | 2 |
| | NYBG25KK | NYBG25KKT | 3 | 1 × NC+1 × NO | 3 |
| | NYBG53KK | NYBG53KKT | 4 | 2 × NO | 4 |
| Bez aretácie | NYBG61KK | NYBG61KKT | 5 | 1 × NO | 5 |
| | NYBG65KK | NYBG65KKT | 6 | 1 × NC+1 × NO | 6 |
| | NYBG73KK | NYBG73KKT | 7 | 2 × NO | 7 |

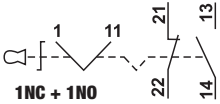
NYGD-1GR page K/32



2-položové s aretáciou



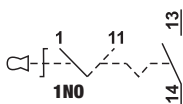
2-položové s aretáciou



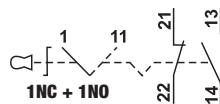
3-položové s aretáciou



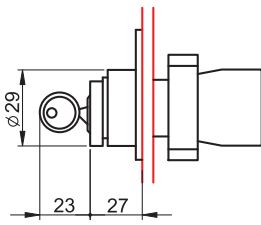
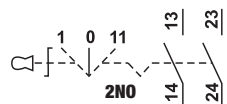
2-položové
bez aretácie



2-položové
bez aretácie



3-položové
bez aretácie



Žiarovky



| 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 |

LED žiarovky (nové prevedenie)



| 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 |

Bloky kontaktov



| TRACON | | |
|---------|--------|--|
| NYAE101 | 1 × NO | |
| NYAE102 | 1 × NC | |

3 — 4 (NO)

NYAE101

1 — 2 (NC)

NYAE102

Objednané ovládacie jednotky môžu byť doplnené ďalšími kontaktnými blokmi. Max. počet blokov kontaktov montovateľných na jednu ovládaciu jednotku je 4.

Redukčné krúžky



| TRACON | |
|-----------|---------------------------------------------|
| NYGR25/22 | Redukčný krúžok, D=25/d=22 mm; ABS |
| NYGR30/22 | Pár redukčných krúžkov z D=30 mm na d=22 mm |
| NYGR38/22 | Pár redukčných krúžkov z D=38 mm na d=22 mm |

Používajú sa na zúženie montážnych otvorov z Ø38 mm na Ø22 mm. Montujú sa pri rekonštrukcii starších ovládacích pultov, vo veľine technologických procesov a pod.

Jedna objednaná položka znamená 1 pár redukčných krúžkov.



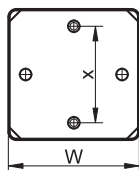
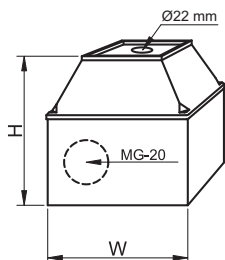
NAČÍTAJTE KÓD!

- Pozrite si naše novinky!
- Buďte informovaný!

Náš sortiment sa neustále a rýchlo rozrastá. Predložený katalóg odráža stav k aprílu 2019. Pre aktuálne informácie, prosím, navštívte našu internetovú stránku!

Sortiment krabic zmontovaných typov tlačidiel, kontroliek a ovládacích jednotiek NYG a NYK s priemerom 22 mm

| TRACON | | W (mm) | H (mm) | x (mm) | | IP.. |
|------------|--|--------|--------|--------|-----------|-------|
| TK/T1+F2/ | | 68 | 64 | 44 | 2 x MG-20 | IP 44 |
| TK/T2+F2/ | | 68 | 80 | 44 | 2 x MG-20 | IP 44 |
| TK/T1+F2S/ | | 68 | 64 | 44 | 2 x MG-20 | IP 44 |
| TK/T2+F2S/ | | 68 | 80 | 44 | 2 x MG-20 | IP 44 |



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IOS
ANDROID



- Webshop a katalóg
- Pravidelné a denné akcie
- Vyhľadávač obchodov s mapou
- Čítačka čiarových a QR kódov
- Aktuálne informácie





ANDROID APP ON
Google play



Available on the
App Store

Bezpečnostné ovládacie tlačidlá s blokovacím relé

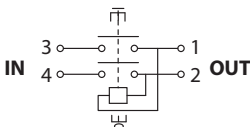
Používajú sa na bezpečnostné ovládanie obrábacích strojov v dielňach, opravovniach, montážnych halách. Zabraňujú opätovnému zapnutiu ovládaného zariadenia pri výpadku napájacieho napätia, aby nedochádzalo k úrazu pri jeho obnove (napr. pri sústruhu či pile). Znovuzapnutie je možné až po opätovnom stlačení zeleného tlačidla „I“. Tlačidlo ON „I“ zapína, tlačidlo OFF „O“ vypína spínacie kontakty. Bezpečnostnú funkciu proti znovuzapnutiu realizuje zabudované ochranné vypínacie relé. Ponúkame prevedenie aj s vyvedeným externým kontaktom vypínacieho relé. Pri výpadku napätia tlačidla, zabudované vypínacie relé odpojí pripojené zariadenie od napájania. Upozornenie: Pri ich montáži je potrebné dbať na správne zapojenie uvedené na tele tlačidiel.



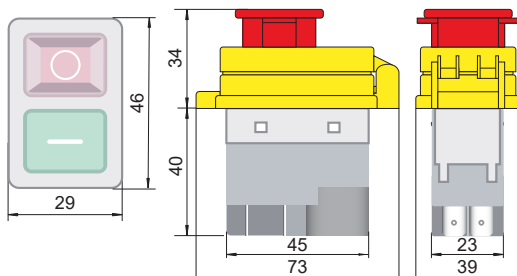
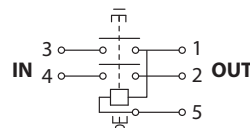
SSTM-01..



TRACON SSTM-01



TRACON SSTM-015

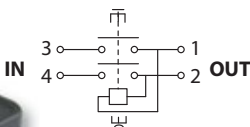


230 V AC | **I_e (AC 3, 230 V) 12 A** | | | **1~**

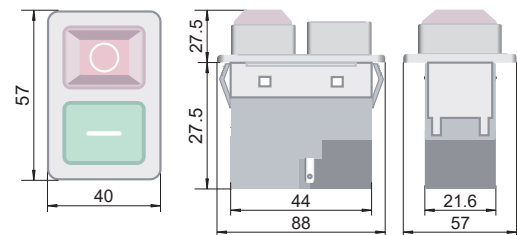
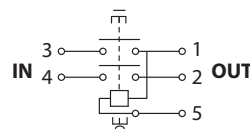
SSTM-02..



TRACON SSTM-02



TRACON SSTM-025

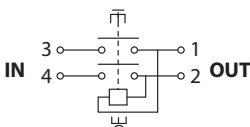


230 V AC | **I_e (AC 3, 230 V) 12 A** | | | **1~**

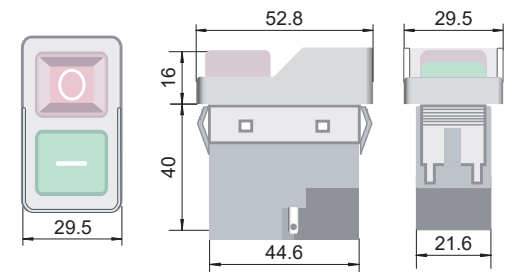
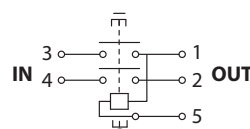
SSTM-03..



TRACON SSTM-03



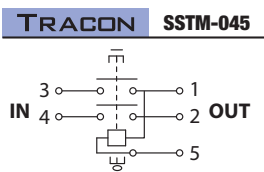
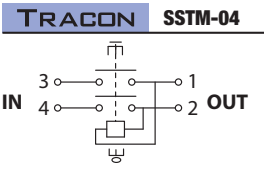
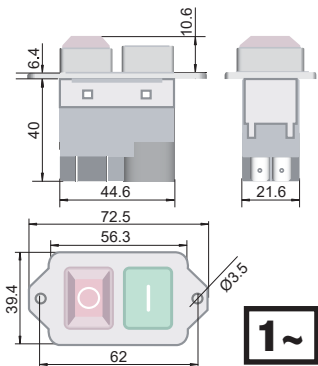
TRACON SSTM-035



230 V AC | **I_e (AC 3, 230 V) 12 A** | | | **1~**

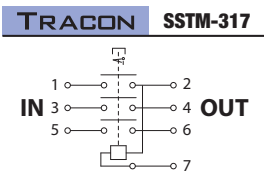
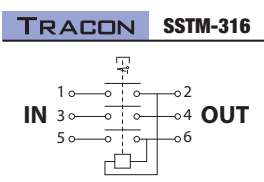
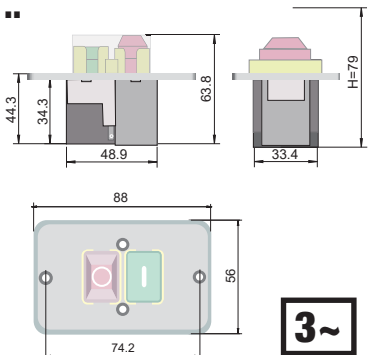
SSTM-04..

- 230 V AC**
- I_e (AC 3, 230 V) 12 A**
- 6,3x0,8 mm**
- 5x10⁴**



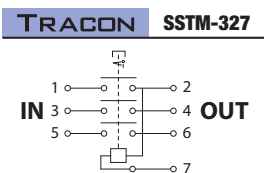
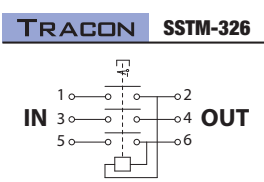
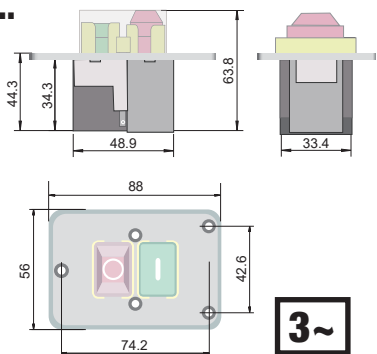
SSTM-31..

- 400 V AC**
- I_e (AC 3, 400 V) 8 A**
- 6,3x0,8 mm**
- x10⁴**

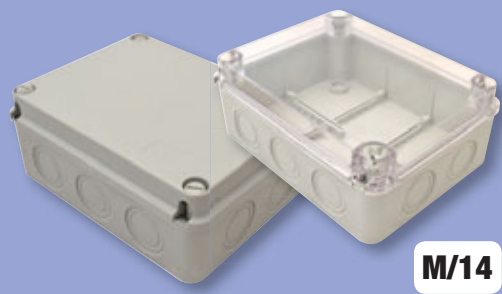


SSTM-32..

- 400 V AC**
- I_e (AC 3, 400 V) 8 A**
- 6,3x0,8 mm**
- 5x10⁴**



Nadomietkové inštaláčn



M/14

SSTM-BOX

Použitelná k nasledovným typom:

- SSTM-02, -025**
- SSTM-316, -317**
- SSTM-326, -327**

113x77x60 mm



IP 42

TRACON SSTM-BOX

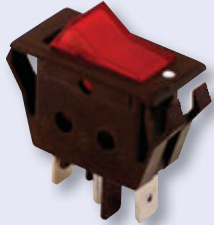
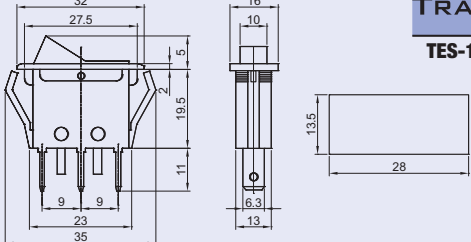
Kolískové spínače

| | | | | | | | | | | | | |
|------------------------------------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|---------------------------------------|------------------------------------|---------------------------------|----------------------|------------------------|-------------------------------------|--------------|----------------|
| 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, 230 V) 0,27 A | U_i 660 V | U_{imp} 6 kV | [mm²] 0,5-2,5 | [h] 5×10 ⁴ | [h] 15.000 | % rH max. 95 | T_a -20...+55°C | IP 42 | 10 A gG |
|------------------------------------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------------|--------------------------------------|---------------------------------------|------------------------------------|---------------------------------|----------------------|------------------------|-------------------------------------|--------------|----------------|

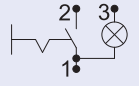
Umožňujú spínanie a ovládanie domácich elektrických spotrebičov, signalizáciu ich zapnutého a vypnutého stavu. Inštalujú sa do montážnych otvorov zvacvaknutím, rozmery otvorov pre zabudovanie sú uvedené pri jednotlivých typoch spínačov. Prívodné vodiče pripájame pomocou mosadzných lisovacích dutínok s rozmermi 6,3×0,8 mm resp. 4,8×0,8 mm.

Typy: vypínače 2-polohové, prepínače 2-polohové, prepínače 3-polohové, s popisom, bez popisu, presvetlené, bez presvetlenia.


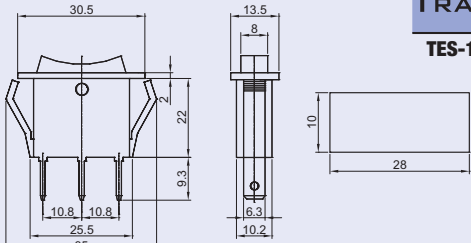
Kolískový vypínač 2-polohový presvetlený

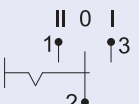
TRACON **TES-11** 6,3 × 0,8 mm **3**




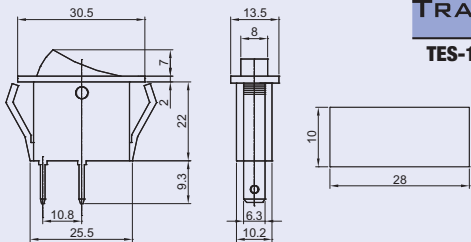
Kolískový prepínač 3-polohový


TRACON **TES-12** 6,3 × 0,8 mm **I-0-I** -




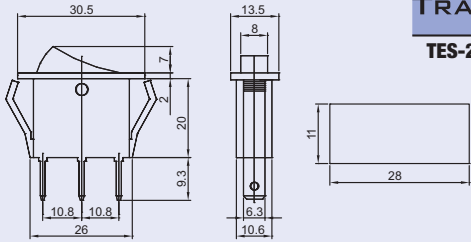
Kolískový vypínač 2-polohový

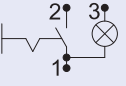
TRACON **TES-13** 6,3 × 0,8 mm **0-I** -

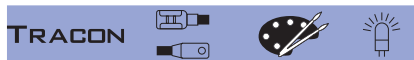


Kolískový vypínač 2-polohový presvetlený

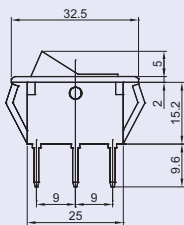
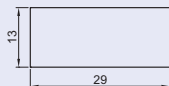
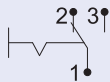



TRACON **TES-21** 6,3 × 0,8 mm **3** ✓

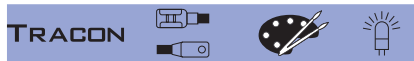




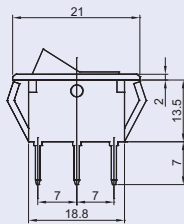
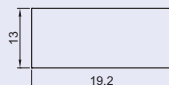
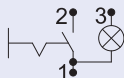
TES-22 4,8 × 0,8 mm **0-1** -



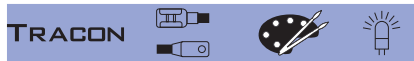
Kolískový prepínač 2-polohový



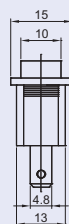
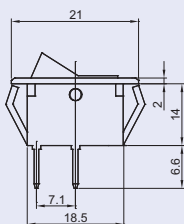
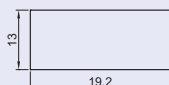
TES-33 4,8 × 0,8 mm **0-1** ✓



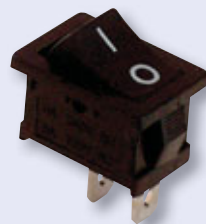
Kolískový vypínač 2-polohový presvetlený



TES-34 4,8 × 0,8 mm **0-1** -

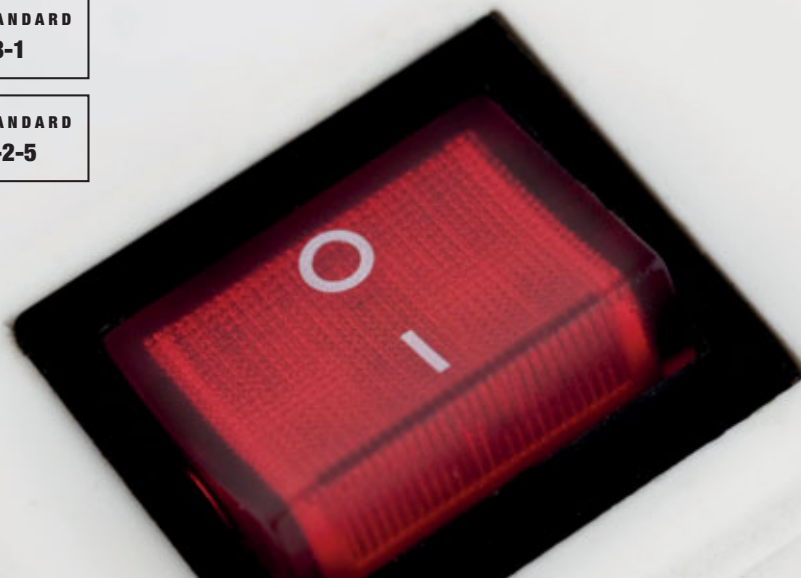


Kolískový vypínač 2-polohový

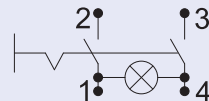
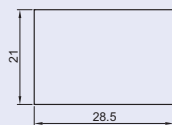
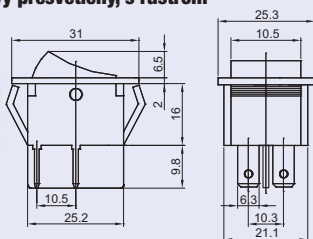
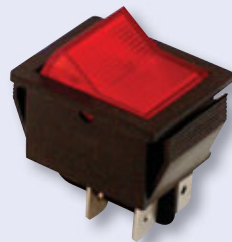


RELEVANT STANDARD
EN 61058-1

RELEVANT STANDARD
EN 61058-2-5



Kolískový vypínač 2-polohový presvetlený, s rastrom



TRACON

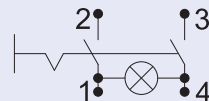
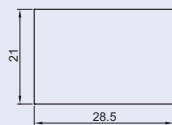
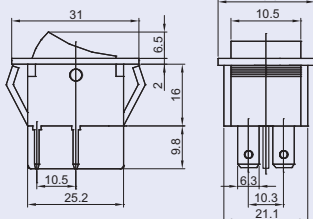


TES-41

6,3 × 0,8 mm



Kolískový vypínač 2-polohový presvetlený



TRACON

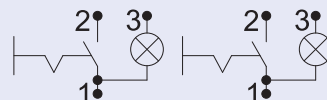
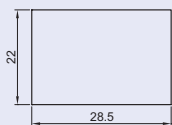
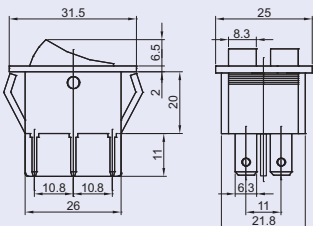


TES-42

6,3 × 0,8 mm



Kolískový dvojitý vypínač 2-polohový presvetlený



TRACON

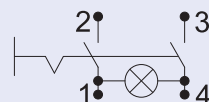
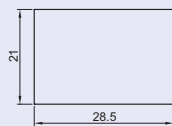
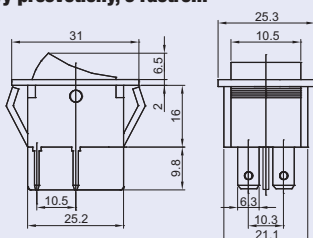


TES-43

6,3 × 0,8 mm



Kolískový vypínač 2-polohový presvetlený, s rastrom

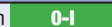


TRACON

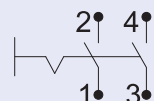
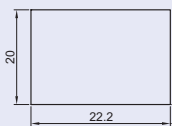
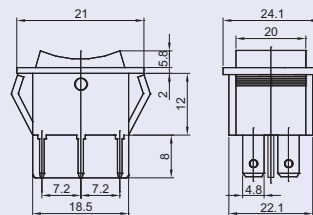


TES-44

6,3 × 0,8 mm



Kolískový vypínač 2-polohový

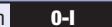


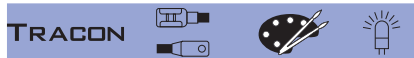
TRACON



TES-51

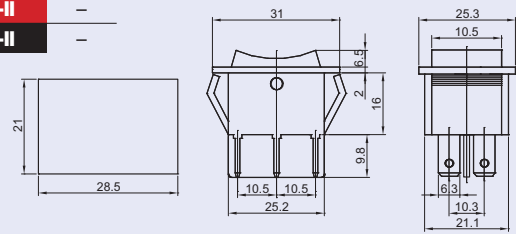
4,8 × 0,8 mm



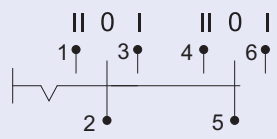


| | | | |
|-----------------|--------------|---------------|---|
| TES-52 | 6,3 × 0,8 mm | I-0-II | - |
| TES-52-2 | 6,3 × 0,8 mm | I-0-II | - |

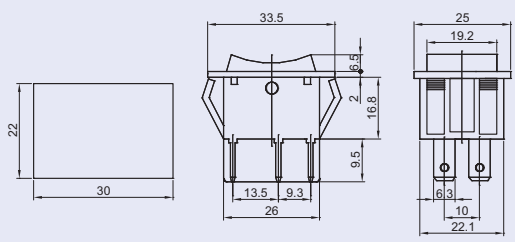
Kolískový prepínač 3-polohový



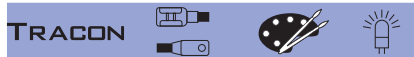
TES-52



Kolískový prepínač 3-polohový s pružinovým návratom

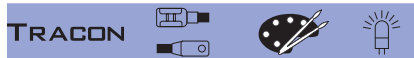
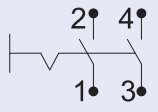
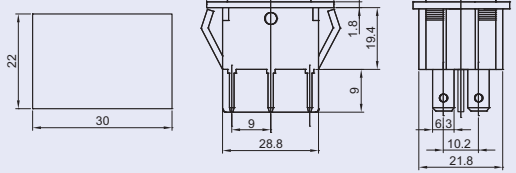


TES-52-2



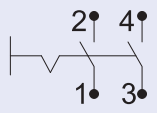
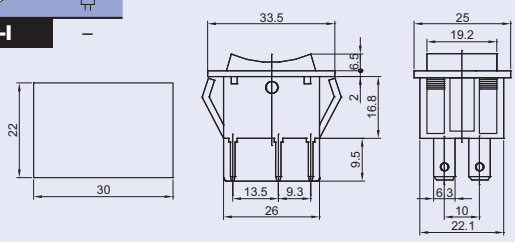
| | | | |
|---------------|--------------|------------|---|
| TES-53 | 6,3 × 0,8 mm | 0-I | - |
|---------------|--------------|------------|---|

Kolískový vypínač 2-polohový



| | | | |
|-----------------|--------------|------------|---|
| TES-53-1 | 6,3 × 0,8 mm | 0-I | - |
|-----------------|--------------|------------|---|

Kolískový vypínač 2-polohový s pružinovým návratom



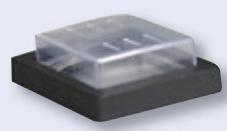
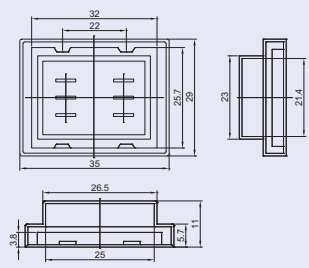
TRACON

| | |
|---------------|--------------|
| TES-GB | IP 55 |
|---------------|--------------|

Membrána PVC k spínačom TES

Použitelná k nasledovným typom:

| | |
|---------------|-----------------|
| TES-42 | TES-52-1 |
| TES-43 | TES-52-2 |
| TES-52 | TES-53 |

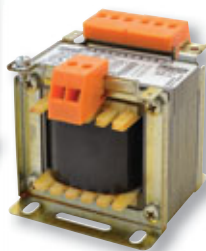


Jednofázové oddeľovacie transformátory

Vysvetlivky piktogramov 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 |
| 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 |
| 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 |
| 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 |

* v závislosti na využitom sekundárnom napätí podľa 4. stĺpca tabuľky



Používajú sa v elektrických obvodoch riadiacich systémov, signalizačných obvodoch, na výrobu malého a nízkeho napätia. Sú určené pre zabudovanie do elektrických zariadení a rozvádzačov.

- Primárna a sekundárna cievka sa nachádzajú na spoločnom izolačnom telese. Medzi primárnou a sekundárnou cievkou je základná izolácia.
- Príslušné typy sú určené na výrobu **funkčného malého napätia (FELV)**.
- Sekundárna cievka obsahuje odbočky, čo umožňuje realizáciu viacerých hodnôt sekundárneho napätia (U_{sec} =3-6-12-18-24-42-110-230 V).
- Menovitý sekundárny výkon je platný iba pri najvyššom sekundárnom napätí (hodnoty viď v 4. stĺpci tabuľky).
- V prípade využitia svoriek s nižším sekundárnym napätím sekundárny výkon je menší, úmerne príslušnému napätiu (hodnoty viď v 5. stĺpci tabuľky).

RELEVANT STANDARD
EN 61558-1

RELEVANT STANDARD
EN 61558-2-1




NAČITAJTE KÓD!

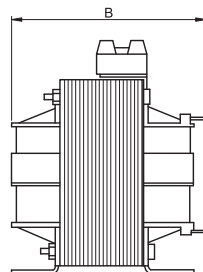
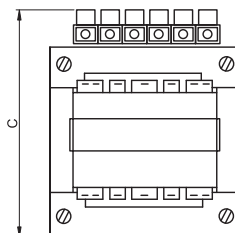
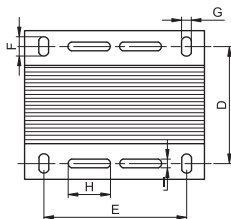
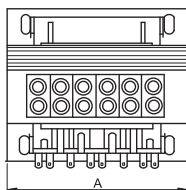
- Pozrite si naše novinky!
- Buďte informovaný!

Náš sortiment sa neustále a rýchlo rozrastá. Predložený katalóg odráža stav k aprílu 2019. Pre aktuálne informácie, prosím, navštívte našu internetovú stránku!

| 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 |
| 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 |
| 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 |
| 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 |

* v závislosti na využitom sekundárnom napätí podľa 4. stĺpca tabuľky

| TRACON | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) |  |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|
| 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 |

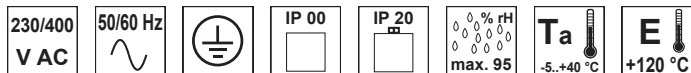


NAČITAJTE KÓD!

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- Buďte informovaný!

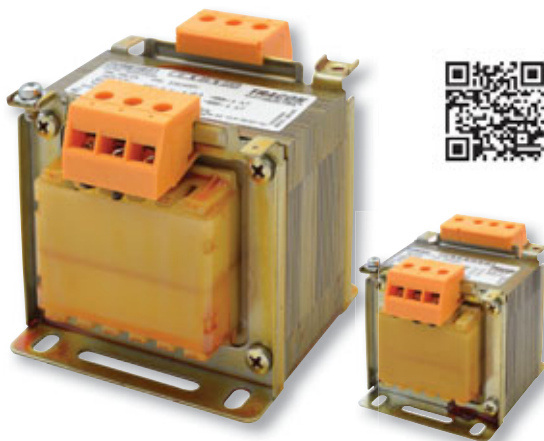
**Náš sortiment sa neustále a rýchlo rozrastá.
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Jednofázové ochranné oddeľovacie transformátory



| 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-60-O | | 230 V | 42 V | 60 VA | 1,43 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 |

* v závislosti na využitom sekundárnom napätí podľa 4. stĺpca tabuľky



Používajú sa v elektrických obvodoch riadiacich systémov, signalizačných obvodoch, na výrobu malého a nízkeho napätia. Sú určené pre zabudovanie do elektrických zariadení a rozvádzačov.

- Sekundárna cievka sa nachádza na samostatnom izolačnom telese od primárnej cievky.
- Medzi telesom primárnej a sekundárnej cievky sa nachádza ochranná izolácia.
- Príslušné typy sú určené na výrobu **bezpečného malého napätia (SELV)**.
- Sekundárna cievka obsahuje odbočky, čo umožňuje realizáciu viacerých hodnôt sekundárneho napätia (U_{sec} = 6-12-24-42-230 V).
- Menovitý sekundárny výkon je platný iba pri najvyššom sekundárnom napätí (hodnoty viď v 4. stĺpci tabuľky).
- V prípade využitia svoriek s nižším sekundárnym napätím sekundárny výkon je menší, úmerne príslušnému napätiu (hodnoty viď v 5. stĺpci tabuľky).

RELEVANT STANDARD
EN 61558-1

RELEVANT STANDARD
EN 61558-2-4

Nízkonapäťové meracie transformátory prúdu




L/26



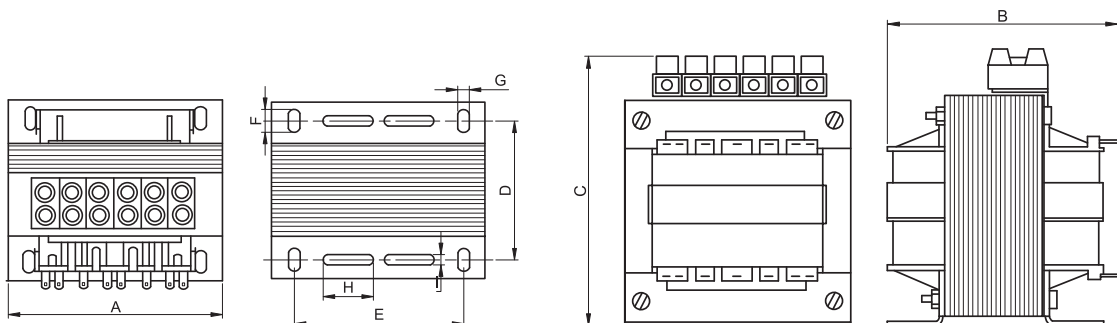
| TRACON | P_n | U_{pr} | U_{sec} | P_{sec} * | I_{sec} |
|-------------|--------|-----------|-----------|--------------|-----------|
| TVTRB-160-B | 160 VA | 230-400 V | 12-24 V | 80-160 VA | 6,67 A |
| TVTRB-160-F | | 230-400 V | 24-230 V | 16,7-160 VA | 0,70 A |
| TVTRB-160-M | | 230 V | 12 V | 160 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-250-O | | 230 V | 42 V | 250 VA | 5,95 A |
| TVTRB-400-B | 400 VA | 230-400 V | 12-24 V | 200-400 VA | 16,67 A |
| TVTRB-400-F | | 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-400-R | 600 VA | 400 V | 24 V | 400 VA | 16,67 A |
| TVTRB-600-B | | 230-400 V | 12-24 V | 300-600 VA | 25 A |
| TVTRB-600-D | | 230-400 V | 24-42 V | 342,9-600 VA | 14,29 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 |
| TVTRB-600-R | | 400 V | 24 V | 600 VA | 25 A |

* v závislosti na využitom sekundárnom napätí podľa 4. stĺpca tabuľky

| TRACON | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) |  |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------------------------------------------------------|
| 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
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RELEVANT STANDARD
EN 61558-2-1



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