



## T4VH 336-02YR-1058

- Double-insulated
- Design to EN 50041
- suitable for elevators
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- Wide range of alternative actuators
- Lever angle adjustable in 10° steps
- Also available with large rubber roller
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

### Data

#### Ordering data

|                               |                    |
|-------------------------------|--------------------|
|                               | T4VH 336-02YR-1058 |
|                               | 101142569          |
| EAN (European Article Number) | 4030661125657      |
| eCl@ss number, Version 9.0    | 27-27-26-01        |

#### Approval - Standards

cULus  
CCC  
EAC

#### General data

|                                      |                                                                   |
|--------------------------------------|-------------------------------------------------------------------|
| Product name                         | 336 roller lever H-1058                                           |
| Housing construction form            | Norm construction design                                          |
|                                      | A                                                                 |
| Enclosure material                   | Plastic, glass-fibre reinforced thermoplastic, self-extinguishing |
| Material of the contacts, electrical | Silver                                                            |
| Lever material                       | Metal film                                                        |
| Roller material                      | rubber                                                            |
| Gross weight                         | 190 g                                                             |

#### General data - Features

|                        |     |
|------------------------|-----|
| Suitable for elevators | Yes |
|------------------------|-----|

|                  |     |
|------------------|-----|
| Safety functions | Yes |
|------------------|-----|

|                           |   |
|---------------------------|---|
| Number of safety contacts | 2 |
|---------------------------|---|

### Safety appraisal

BG-GS-ET-15

ISO 13849-1

EN 60947-5-1

|              |            |
|--------------|------------|
| Mission Time | 20 Year(s) |
|--------------|------------|

### Safety appraisal - Safety outputs

|                                   |                       |
|-----------------------------------|-----------------------|
| B10d Normally-closed contact (NC) | 20,000,000 Operations |
|-----------------------------------|-----------------------|

### Mechanical data

|                   |              |
|-------------------|--------------|
| Actuating element | Roller lever |
|-------------------|--------------|

|                          |                       |
|--------------------------|-----------------------|
| Mechanical life, minimum | 30,000,000 Operations |
|--------------------------|-----------------------|

|                          |         |
|--------------------------|---------|
| Actuating speed, maximum | 2.5 m/s |
|--------------------------|---------|

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| Note (Actuating speed) | Actuating speed with actuating angle 30° to switch axis |
|------------------------|---------------------------------------------------------|

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Note (Switchover time) | Switchover time in accordance with actuating speed |
|------------------------|----------------------------------------------------|

|                           |        |
|---------------------------|--------|
| Actuating torque, minimum | 0.3 Nm |
|---------------------------|--------|

### Mechanical data - Connection technique

|                    |                  |
|--------------------|------------------|
| Terminal Connector | Screw connection |
|--------------------|------------------|

0.75 mm²

2.5 mm²

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| Note (Cable section) | All indications about the cable section are including the conductor ferrules. |
|----------------------|-------------------------------------------------------------------------------|

### Mechanical data - Dimensions

|                  |          |
|------------------|----------|
| Height of sensor | 144.5 mm |
|------------------|----------|

|                  |       |
|------------------|-------|
| Length of sensor | 38 mm |
|------------------|-------|

|                 |         |
|-----------------|---------|
| Width of sensor | 40.5 mm |
|-----------------|---------|

### Ambient conditions

IP67

|                              |        |
|------------------------------|--------|
| Ambient temperature, minimum | -30 °C |
|------------------------------|--------|

|                              |        |
|------------------------------|--------|
| Ambient temperature, maximum | +80 °C |
|------------------------------|--------|

### Ambient conditions - Insulation value

|                                 |      |
|---------------------------------|------|
| Rated impulse withstand voltage | 6 kV |
|---------------------------------|------|

## Electrical data

|                                                      |                       |
|------------------------------------------------------|-----------------------|
| Thermal test current                                 | 10 A                  |
| Required rated short-circuit current to EN 60947-5-1 | 1,000 A               |
| Utilisation category AC-15                           | 230 VAC               |
| Utilisation category AC-15                           | 4 A                   |
| Utilisation category DC-13                           | 24 VDC                |
| Utilisation category DC-13                           | 4 A                   |
| Switching element                                    | Opener (NC)           |
| Switching principle                                  | Creep circuit element |
| Bounce duration, maximum                             | 2 ms                  |
| Switching frequency                                  | 5,000 /h              |

## Pictures

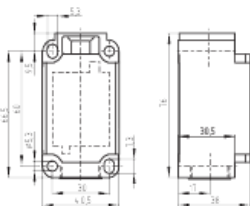
### Photo/Product/Catalogue



ID: k336hf04

| 619,4 kB | .jpg | 237.419 x 504.119 mm - 673 x 1429  
Pixel - 72 dpi  
| 81,1 kB | .png | 74.083 x 156.986 mm - 210 x 445  
Pixel - 72 dpi

### Dimension/Product/Basic

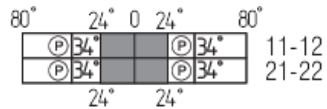


ID: 1-336g01

| 51,4 kB | .cdr |  
| 107,0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695  
Pixel - 72 dpi  
| 4,1 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel  
- 72 dpi

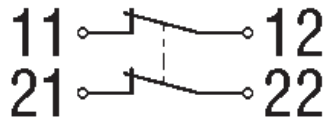
### Diagramm/Product/Travel

ID: kh335s01



| 80,8 kB | .jpg | 352.778 x 114.653 mm - 1000 x 325 Pixel - 72 dpi  
| 26,2 kB | .cdr |  
| 2,3 kB | .png | 74.083 x 23.989 mm - 210 x 68 Pixel - 72 dpi

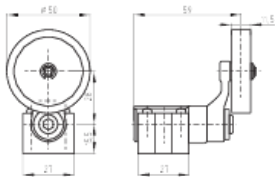
#### Graphic/Product/Contact



ID: k2o--k01

| 48,8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 Pixel - 72 dpi  
| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

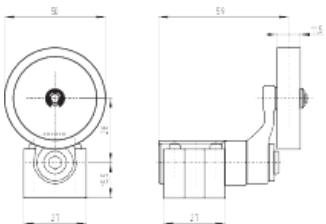
#### Dimension/Product/Actuator



ID: 1h336g07

| 97,4 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi  
| 25,7 kB | .cdr |  
| 4,4 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

#### Dimension/Product/Actuator



ID: kh336g07

| 106,6 kB | .jpg | 352.778 x 239.889 mm - 1000 x 680 Pixel - 72 dpi  
| 23,7 kB | .cdr |  
| 4,4 kB | .png | 74.083 x 50.447 mm - 210 x 143 Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

Generated on 152021-01-31T04:57:15+01:000401Europe/BerlinSun, 31 Jan 2021 04:57:15

+010015amSunday.31am31Europe/BerlinCET5701Europe/BerlinJanuary2021Sun, 31 Jan 2021 04:57:15

+010001am31