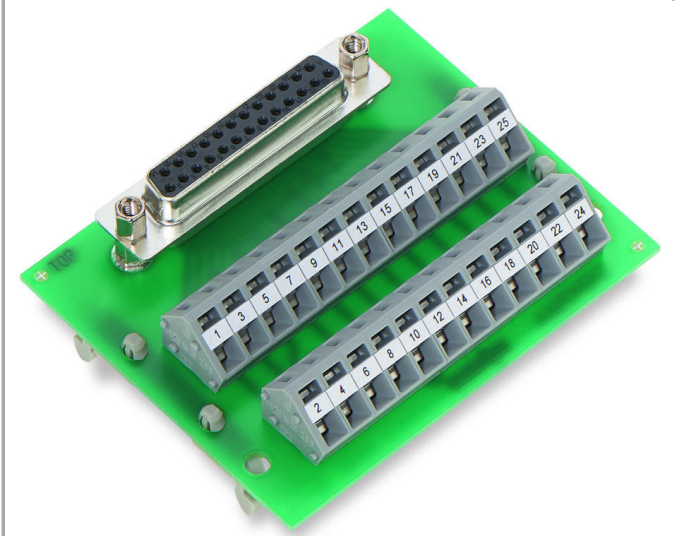


## Veri sayfası | Ürün numarası: 289-451

Arayüz modülü; lehimli pinli; Dişi konnektör; 15 kutuplu; IDC'li eşleştirme konnektörleri için; Dikey montaj; PCB klemensleri, iki sıralı; montaj ayaklı; 2,50 mm<sup>2</sup>

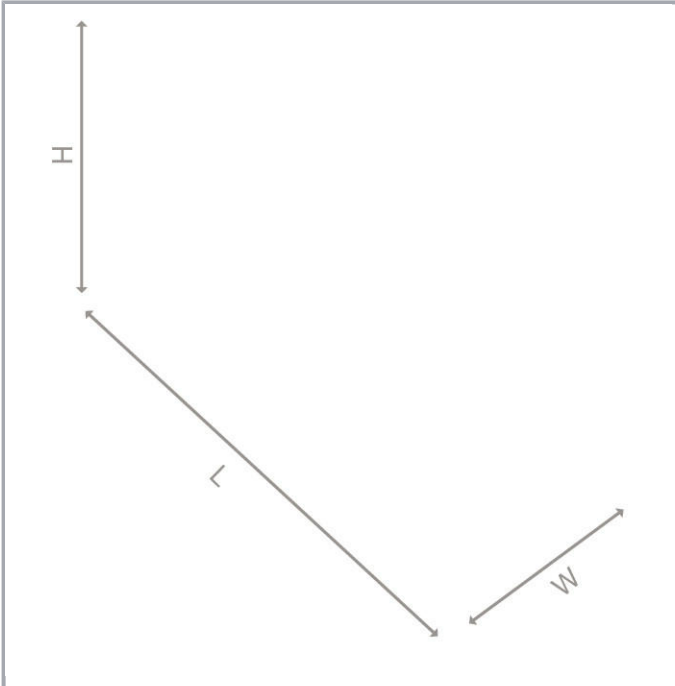
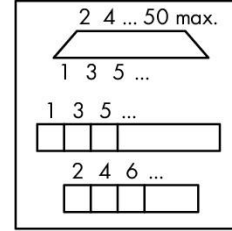
[www.wago.com/289-451](http://www.wago.com/289-451)

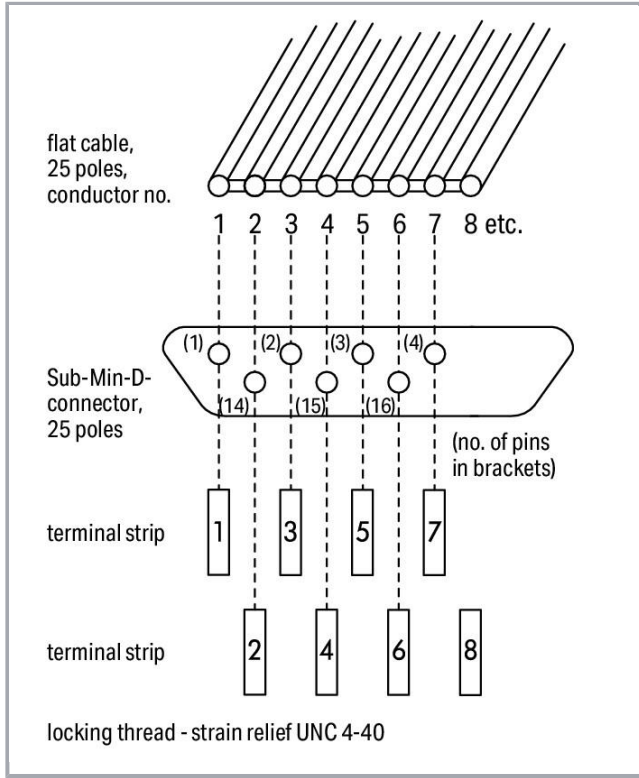


Similar to picture

RoHS  
Compliant

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## Veri

### Elektrik Verisi

|                           |                      |
|---------------------------|----------------------|
| Operating voltage         | ≤ AC 30 V; ≤ DC 50 V |
| Nominal akım              | 1 A                  |
| Contact resistance (max.) | 30 mΩ                |

### Safety and protection:

|                                 |                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Anma gerilimi                   | 50 V                                                                                                                                                                                                                                                                    |
| Nominal ani dalgalanma gerilimi | 0,8 kV                                                                                                                                                                                                                                                                  |
| Kirlilik derecesi               | 2                                                                                                                                                                                                                                                                       |
| Koruma sınıfı                   | IP00*                                                                                                                                                                                                                                                                   |
| Koruma Tipi Hakkında Not        | * <b>Notice!</b> Live conductors! Protection against direct contact must be provided by the equipment builder, e.g., using a WAGO 709 Series cover (see Accessories) or a similar cover. The installation requirements for the particular application must be observed. |

### Bağlantı verisi

|                       |                                  |
|-----------------------|----------------------------------|
| Connection type (1)   | System                           |
| Kutup sayısı          | 15                               |
| Pluggable connector   | D-subminiature; female connector |
| For mating connectors | With IDC                         |
| Mating direction      | Vertical                         |



|                            |                                  |
|----------------------------|----------------------------------|
| Pull relief                | Stud bolts UNC 4-40              |
| Connection type (2)        | Field                            |
| No. of poles 2             | 15                               |
| Design 2                   | PCB terminal blocks, 2-row       |
| Bağlantı tipi 2            | CAGE CLAMP®                      |
| WAGO terminal 2            | WAGO 236 Series                  |
| tek damarlı, bağlanabilir  | 0,08 ... 2,5 mm² / 28 ... 12 AWG |
| ince bükümlü, bağlanabilir | 0,08 ... 2,5 mm² / 28 ... 12 AWG |
| Sıyırma uzunluğu           | 5 ... 6 mm / 0.2 ... 0.24 inch   |
| Not (iletken kesiti)       | 12 AWG: THHN, THWN               |
| Performans seviyesi        | 2 / 200 takıp çıkarma            |
| Strain relief              | Gewindebolzen UNC 4-40           |

### Geometrical Data

|                                    |                      |
|------------------------------------|----------------------|
| Width                              | 53,5 mm / 2.106 inch |
| DIN rayın üst kenarından yükseklik | 19 mm / 0.748 inch   |
| Depth                              | 63,5 mm / 2.5 inch   |

### Mekanik Veri

|                |                        |
|----------------|------------------------|
| Montaj tipi    | DIN 35 ray             |
| Housing design | PCB with mounting feet |

### Material Data

|                   |                |
|-------------------|----------------|
| Konnektör kontağı | Ni üzerinde Au |
| Yangın yükü       | 0,246 MJ       |
| Ağırlık           | 26,2 g         |

### Environmental Requirements

|                                         |                        |
|-----------------------------------------|------------------------|
| Surrounding air (operating) temperature | -20 ... 50 °C          |
| Surrounding air (storage) temperature   | -40 ... 70 °C          |
| Relative humidity                       | ≤ 85% (non condensing) |

### Ticari Veri

|                      |                           |
|----------------------|---------------------------|
| Product Group        | 6 (Interface Electronics) |
| SAP'den ambalaj tipi | BOX                       |
| Country of origin    | DE                        |
| GTIN                 | 4045454417802             |
| Customs Tariff No.   | 85369010000               |

## Uyumlu ürünler

## assembling

|                                                                                  |                                                                                                                                                                                                                                                                     |                                                                |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Ürün no.: 709-153</b><br>Kapak; Tip 1; kapaklı taşıyıcı için uygun, tip 1; 1 m uzunluk; şeffaf                                                                                                                                                                   | <a href="http://www.wago.com/709-153">www.wago.com/709-153</a> |
|  | <b>Ürün no.: 709-167</b><br>Kapak taşıyıcı; Tip 1; sabitleme/tespit vidaları ve tırtıllı somun dahil; 279 ila 282 ve 880 Serisi ray klemensler için uygun; 264 Serisi minyatür ray klemensler için uygun; 270 Serisi sensör ve aktüatör klemensleri için uygun; gri | <a href="http://www.wago.com/709-167">www.wago.com/709-167</a> |

## tools

|                                                                                  |                                                                                 |                                                                |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Ürün no.: 210-720</b><br>El aleti; Uç: 3,5 x 0,5 mm; kısmen yalıtılmış saplı | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a> |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------|

## Dosya indirme

## Documentation

## Additional Information

|                                                          |         |                 |       |
|----------------------------------------------------------|---------|-----------------|-------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf<br>265,8 kB | İndir |
|----------------------------------------------------------|---------|-----------------|-------|

## CAD/CAE-Data

## CAD data

|                      |     |       |
|----------------------|-----|-------|
| 2D/3D Models 289-451 | URL | İndir |
|----------------------|-----|-------|

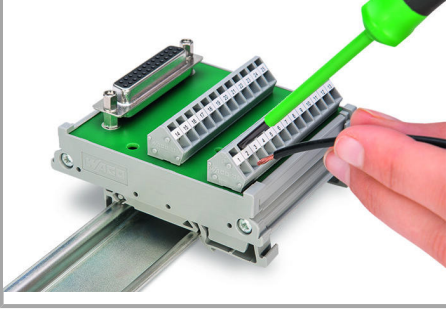
## CAE data

|                           |       |
|---------------------------|-------|
| EPLAN Data Portal 289-451 | İndir |
|---------------------------|-------|

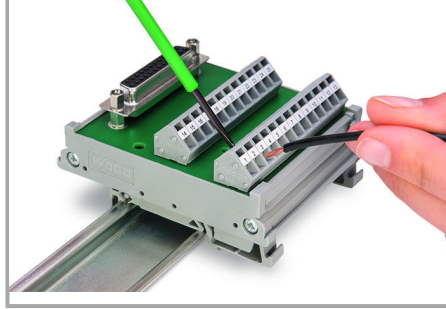
|                        |       |
|------------------------|-------|
| WSCAD Universe 289-451 | İndir |
|------------------------|-------|

## Installation Notes

### Inserting a conductor



Connection of conductor – Operating tool actuation parallel to conductor entry.



Connection of conductor – Operating tool actuation perpendicular to conductor entry.

Değişikliklere tabidir.

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+90 216 472 1133 numaralı telefondan sizinle konuşmaktan mutluluk  
duyarız.