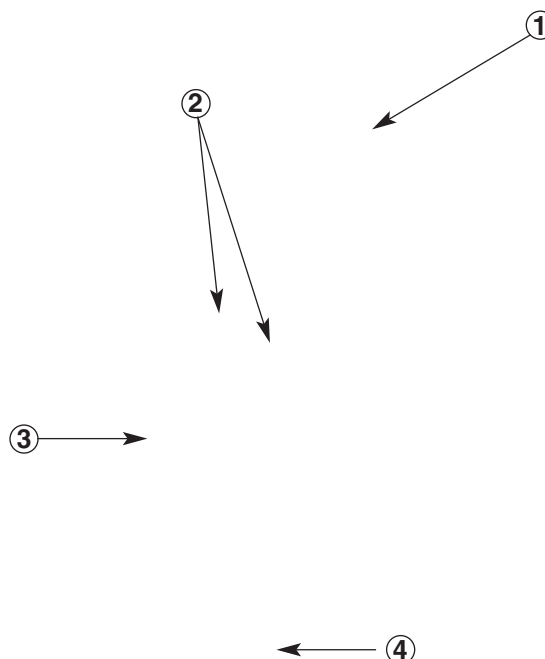


### AMP MONO-SHAPE Satellite Connector

#### Satellite Connector

- 1 Cover closed after Wire Insertion. Wire Direction 90°. 180° when locked in Cover Recess
- 2 Bridge between Contacts to have Short Circuit
- 3 Cavity Numbers
- 4 For Satellite version, the cavity 1 only accept TAB contact, other cavities are clogged



#### Technical Features

**Centerline:**  
5.0 mm, according to RAST 5 specifications

**Configurations:**  
3 positions only (for special version please contact Tyco Electronics)

**Housing Material:**  
Plastic PA 6.6

**Housing Colour:**  
Natural colour

**Contact Material:**  
Copper alloy, post-tinned  
2.0 µm min.

**Polarisation, Keying, Locking Latches:**  
according to RAST 5 specifications (see customer drawings)

**Track Resistance:**  
as per IEC 112 (250 V)

**Glow Wire Test:**  
as per IEC 695-2-1 (850 °C) and 750°C no flame

**Air and Creepage Distance:**  
according to EN 60998-1 (IEC 998-1) for 380 V,  $\geq 4.0$  mm

**Voltage Resistance:**  
according to EN 60998-1 (IEC 998-1) 1750 V for 4 minutes

**Insulation Resistance:**  
according to EN 60998-1 (IEC 998-1)  $> 5$  MΩ

**Wire Size Range:**  
from 0.5 to 1.5 mm<sup>2</sup>

**Current Rating:**  
16 A max. according to wire size  
0.5 mm<sup>2</sup>  $\leq 3$  A, 0.75 mm<sup>2</sup>  $\leq 6$  A,  
1.0 mm<sup>2</sup>  $\leq 10$  A, 1.5 mm<sup>2</sup>  $\leq 16$  A

**Rated Voltage:**  
380 Volts max.

**Wire Type:**  
**H05V-K** (70 °C max.)  
**or FR 3/2** (105 °C max.)  
for 0.5–1.0 mm<sup>2</sup> wires with copper or tinned stranded wires

**H07V-K** (70 °C max.)  
**or FR 3/2** (105 °C max.)  
for wires from 1.5mm<sup>2</sup> with copper or tinned stranded wires  
**Insulation Type:**  
PVC suitable for temperatures up to 70 °C / 105 °C

**Insulation Diameter Range:**  
2.0–3.5 mm

**Temperature Range:**  
–25 °C up to +105 °C

**Wire Extraction Force/Way:**  
50 N min. on wire size 0.5 mm<sup>2</sup>

**Application Specification:**  
114-20026

**Product Specification:**  
108-20070

**Homologations:**  
acc.to VDE File No. 3905 (to 16 A) and UL File No. E28476 (to 14 A)