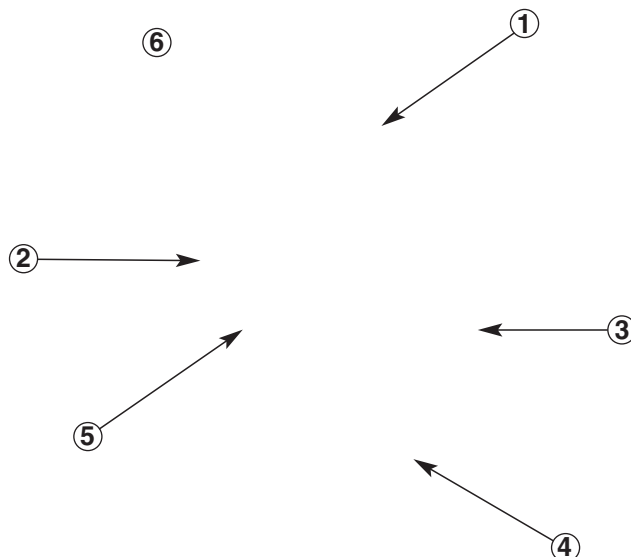


### TAB Connector

#### AMP MONO-SHAPE TAB Connector

- 1 Cover closed after Wire Insertion. Wire Direction 90°. 180° when locked in Cover Recess
- 2 Cavity Numbers
- 3 Polarisation similar to the Keying (Located on the Back Side)
- 4 Keying
- 5 Interior Locking Latch
- 6 Colour Marking



2

Rast 5

#### Technical Features

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

**Configurations:**  
2- to 12-positions

**Housing Material:**  
Plastic PA 6.6

**Housing Colour:**  
Natural colour for standard version  
Grey colour for LIF version

**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, ≥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:**  
**Standard Version**  
16 A max. according to wire size  
0.5 mm<sup>2</sup> ≤ 3 A, 0.75 mm<sup>2</sup> ≤ 6 A,  
1.0 mm<sup>2</sup> ≤ 10 A, 1.5 mm<sup>2</sup> ≤ 16 A

**LIF Version**  
10 A max. according to wire size  
0.5 mm<sup>2</sup> ≤ 3 A, 0.75 mm<sup>2</sup> ≤ 6 A,  
1.0 mm<sup>2</sup> ≤ 10 A, 1.5 mm<sup>2</sup> ≤ 10 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 1.5 mm<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:**  
114-20016

**Product Specification:**  
**Standard version:** 108-20065  
**LIF version:** 108-20215

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