

Introduction

AMP Standard Timer Connectors in In-Line Mating Technology

AMP Standard Timer connectors according to RAST 5.0 mm standard have been developed to connect RAST 5 components (like motors, leach pumps, water level regulators, relays and push-button switches) in the Household Appliances Industry.

They meet industry requirements, for example multiple position connectors, secure connection even at inclining mating as well as a sturdy contact design.

AMP Standard Power Timer contacts, for use with Standard Timer housings, are suitable for high density and high current capacity up to 16 A.

Housing is designed for end-to-end stacking without contact loss. They are available in different keying and locking versions from 2- positions to 12-positions.

Standard Timer contacts can be used with stranded wires from 0.5 mm² to 2.5 mm² and can be double terminated. Of course, the corresponding tooling is available, too.

AMP Standard Timer connectors are tested by VDE and fulfil all requirements acc. to VDE 0700 (air gap, creepage distance, glow wire test, ball pressure test, creepage current strength).

UL recognised component.

Technical Features

Centerline:
5.0 mm

Available Number of Positions:
2- to 12-positions

Housing Material:
Polyamide PA 6.6

Contact Material:
CuSn, CuFe

Contact Finish:
Tin Plated, Silver Plated

Wire Size Range:
from 0.5 to 2.5mm²

Wire Size Diameter:
from 2.0 to 3.3mm

Temperature Range:
-40°C to +110°C

Current Voltage:
220 V_~

Current Rating:
max. 16 A
Standard Timer: 6 A
Power Timer: 16 A

Mating Force Contact:
≤ 15 N

Unmating Force:
≤ 8 N

Air and Creepage Distance:
≥ 3.0mm

Track Resistance:
PTI 250

Glow Wire Test:
850°C

Contacts made for Tabs according:-
DIN 46244
(6.3 x 0.8mm / 4.8 x 0.8mm)
DIN 46343 Part 2 and 3