

Features

- Snap-in assembly from mating side and from termination side
- Bus bar within bridge attachments
- Finger safe design
- Fast and tool-less assembly
- Mating compatible to the crimp version

Technical characteristics

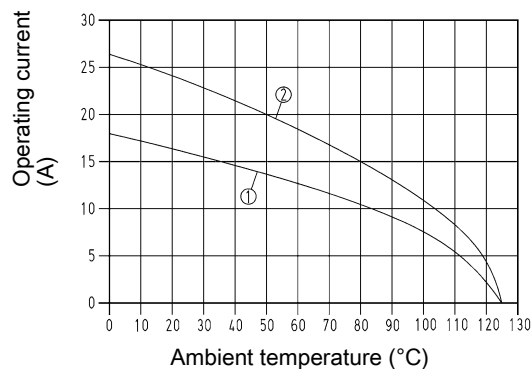
Number of contacts	5
Rated current	20 A, 10 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 2 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	≥ 500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption, compliant

Derating

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



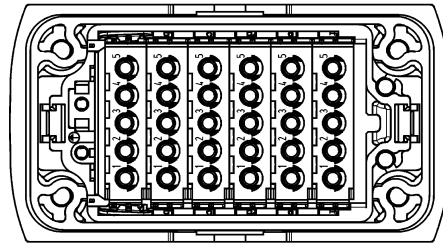
- ① Conductor cross-section 1.5 mm²
- ② Conductor cross-section 2.5 mm²
for connector with 3 Han-Yellock® modules, fully loaded (multiplier 1:1)

Specifications and approvals

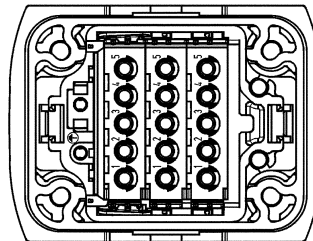
EN 60664-1
IEC 61984
UL 1977 ECBT2.E235076
DNV GL

Yellock

Details



Placement for Han-Yellock® 60 with 6 Han-Yellock® modules



Placement for Han-Yellock® 30 with 3 Han-Yellock® modules