

SHS Harness Connector

The SHS Harness Connector is the mate to ModICE™ and SHS Headers.

The SHS Connector Advantage:

- 2 connector sizes (18, 30 way)
- 1.5mm terminal technology
- Push-to-seat terminals
- Integrated wire grommet seals with protective back-plate
- Terminal position assurance
- Robust jack-post mating to the header



Product Specification

Operating Temperature: -40°C to +125°C

Current: 10 Amp @ 85°C

Contact Resistance: < 10mΩ

Insulation Resistance: > 1000 MΩ

Sealing: IP67, IP69K

Temperature Life: 1000 Hrs @ 125°C

Current Cycling: 500Hrs @ 10 Amp

500 cycles 45 min ON – 15 min OFF

Vibration: 10 to 2000 to 10 Hz with 15 g's peak level

Shock: 50 g's – 20 pulses

Salt Spray: 96 Hrs

Temperature Humidity Cycling: 320 Hrs

40 – 8 Hrs cycles -40°C to +125°C

Fluid Resistance: Resists to most fluids used in industrial applications



SHS Harness Connector



Harness Connectors

Position	Connector	Color
18	581 01 18 023	Black
18	581 01 18 024	Natural
30	581 01 30 027	Grey
30	581 01 30 028	Black
30	581 01 30 029	Black
30	581 01 30 030	Natural
30	581 01 30 031	Natural

Connector 18 pos.

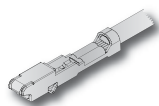


Connector 30 pos.



Terminals

Wire Size	Terminal
20GXL, 18TXL	425 00 00 872
18GXL, 16TXL, 16GXL	425 00 00 873

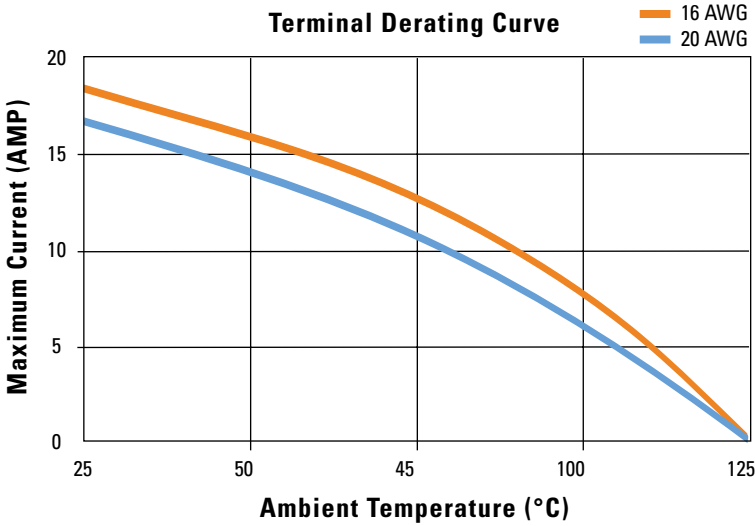


Seal Plug

	Seal Plug
For connector 18 & 30 pos.	581 00 00 011



SHS Harness Connector



SHS Application Tooling

SHS Harness Connector Repair Tooling		
599 11 11 628	Secondary Lock removal Tool (Tweezer)	For connector 18 & 30 pos.
581 01 18 920	Terminal Removal Tool	For connector 18 & 30 pos.

SHS Harness Connector Crimp Tooling		
599 11 11 615	Hand Crimp Tool	For terminal 425 00 00 872
599 11 11 616	Hand Crimp Tool	For terminal 425 00 00 873
599 11 11 621	Applicator	For terminal 425 00 00 872
599 11 11 622	Applicator	For terminal 425 00 00 873
599 11 11 623	Punch/Anvil kit	For terminal 425 00 00 872
599 11 11 624	Punch/Anvil kit	For terminal 425 00 00 873

Crimp specification and connector assembly information is available at www.cinch.com