



WYE CONNECTOR SERIES

SINGLE POLE POWER DERIVATION

Technical Characteristics

Electrical

- Nominal current : 400 A max. with 120 mm² cable
- Clearance and creepage distance : EN 50124
- Service Voltage (EN 50124) :
 - 750 V : OV2-PD4
 - 1500 V : OV2-PD3
 - 3000 V : OV2-PD2
- Test voltage : 5750 V
- Insulation Strength : > 5000 MΩ

Material

- Shell : composite
- Insert CTI : 600 V, UL94VO, without halogen, according to fire & smoke requirements (EN 45545-2, NF F 16-101 / 16-102)
- Crimp Contacts : copper or brass silver plated

Environmental

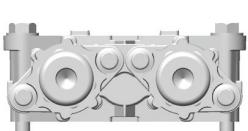
- Temperature range: -40°C +100°C
- Protection index : IP66 (EN 60529)
- Salt spray : 96 hours

Mechanical

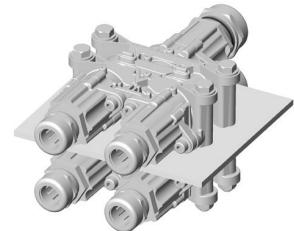
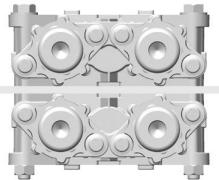
- Contacts Cross-Sections : from 35 to 120 mm²
- Mating cycles : 500
- Vibrations & Shocks : Category 2 (EN 61373)
- Locking by captive screws
- Keying system : 6 keyways

Possible Configurations

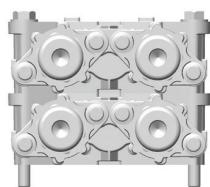
Single Connector



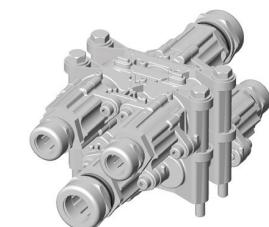
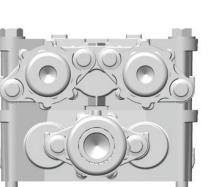
2 connectors fixed on a plate



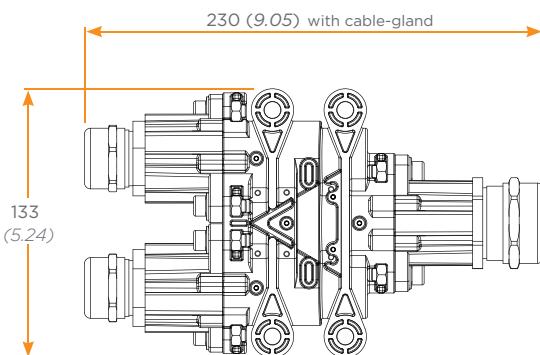
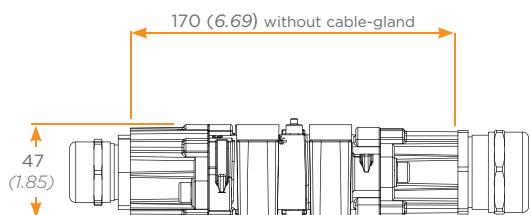
2 stacked connectors



2 stacked connectors in reversed position



Dimensions - mm (inch)



Part Numbers

Description		Part Number
Plug without cable-gland	35 mm ²	WYE1817-0007-00000
	50 mm ²	WYE1817-0006-00000
	70 mm ²	WYE1817-0005-00000
	95 mm ²	WYE1817-0004-00000
	120 mm ²	WYE1817-0003-00000
	Receptacle	WYE1817-0001-00000