

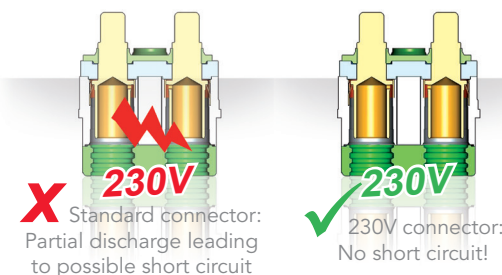
8D Series & 8533 Series 230V Connector



230 Volts EN3645 and EN2997 Derived Connectors

The use of higher voltage to reduce cable weight has led to the development of double voltage connectors.

Robust design and materials ■ In high altitude un-pressurized areas, higher voltages increase electrical partial discharges and the risk of contact short circuits. Our 230V connector avoids this risk!



No possible mismatch ■ Specific T and V locking to avoid mating with a non 230V qualified counterpart.

Flexible offering ■ Available in standard watertight and hermetic connectors with the same performance. Available in composite and stainless steel shells.

Ordering information

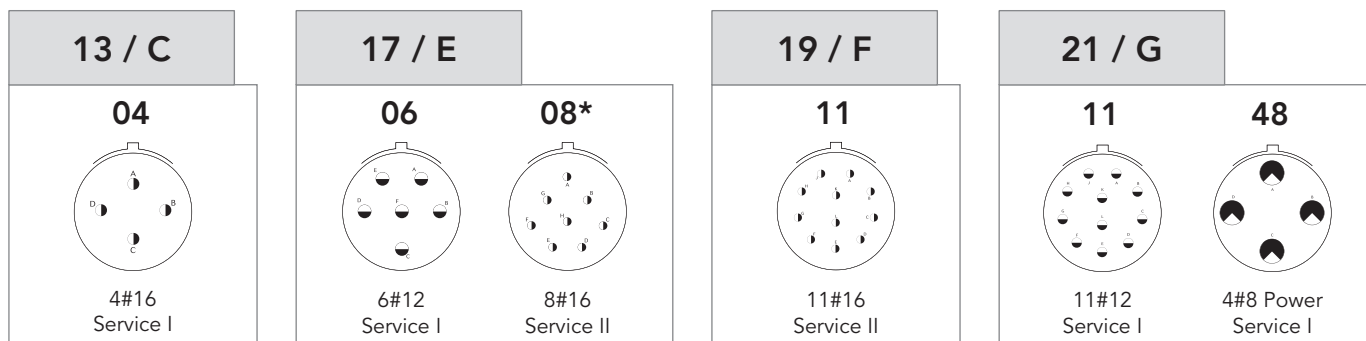
Standard 8D Series/EN3645 derived connectors

Basic Series	8D	0	13	K	04	P	T	600L
Shell style:								
0: Square flange receptacle								
5: Plug with RFI shielding								
7: Jam nut receptacle (stainless steel only - plating K)								
Shell size: 13, 17, 19, 21								
Plating:								
K: Passivated, stainless steel shell								
M: Nickel, composite shell								
Contact layout: See tables below								
Contact type:								
P: Pin (500 mating/unmating)								
S: Socket (500 mating/unmating)								
Orientation: T, V (See page 4)								
Specification:								
600: 230V qualified connector, delivered with contacts								
600L: 230V qualified connector, delivered without contacts								

Hermetic 8D Series derived connectors

Basic Series	F38999	21	Y	C	04	P	T	600
Shell style:								
21: Box mounting flange receptacle								
23: Jam nut receptacle								
25: Solder mounting receptacle								
Class:								
Y: Passivated stainless steel shell								
Shell size:								
13=C, 17=E, 19=F, 21=G								
Contact layout: See tables below								
Contact type:								
P: Male solder cup								
Orientation: T, V (See page 4)								
Specification:								
600: 230V qualified connector, delivered with contacts								

Contact layouts



* Composite version only.

Ordering information

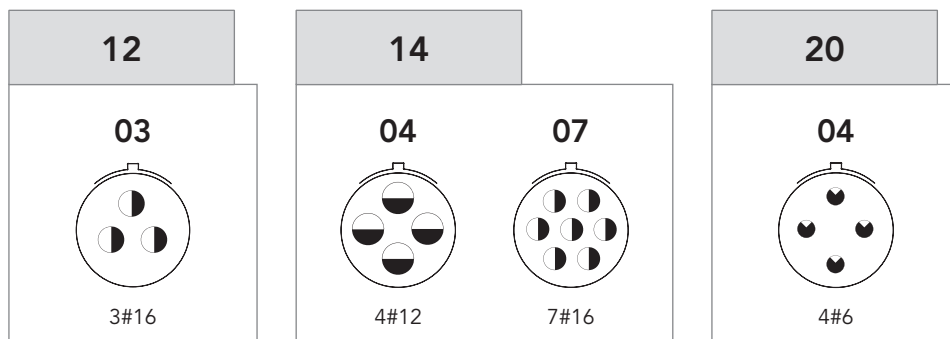
Standard 8533 Series/EN2997 derived connectors

Basic Series	8533	0	ES	12	03	P	T	600L
Shell type:								
0: Square flange receptacle								
3: Plug with RFI screening ring								
7: Jam nut receptacle								
Class:								
ES: 260°C stainless steel with 360° teeth								
Shell size: 12, 14, 20								
Contact layout: See tables below								
Contact type:								
P: Pin								
S: Socket								
Orientation: T, V (See page 4)								
Specification:								
600: 230V qualified connector, delivered with contacts (layouts 12-03, 14-04 & 14-07)								
600L: 230V qualified connector, delivered without contacts								
281: 230V qualified connector, delivered with contacts #6 for cable DR8 + boots ABS0992 + standard backshell ABS1452 (layout 20-04)								

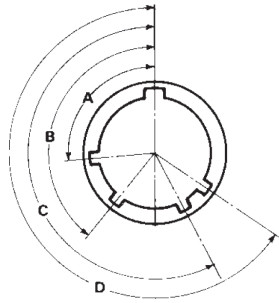
Hermetic 8533 Series/EN2997 derived connectors

Basic series	8533	1	Y	12	03	P	T	600
Shell type:								
1: Solder mount receptacle								
2: Square flange receptacle								
7: Jam nut receptacle								
Class:								
Y: 200°C								
YE: 260°C								
Shell size: 12, 14, 20								
Contact layout: See tables below								
Contact type:								
P: Pin								
Orientation: T, V (See page 4)								
Specification:								
600: 230V qualified connector, delivered with contacts (layouts 12-03, 14-04, 14-07 & 20-04)								

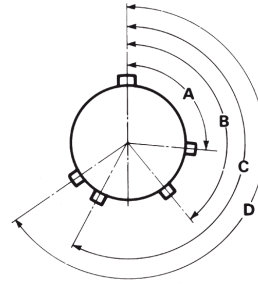
Contact layouts



Orientation



Viewed from front face of receptacle



Viewed from front face of plug

Series	Shell sizes	Orientation	Angles			
			A°	B°	C°	D°
8533	12 & 14	T	55	145	228	280
		V	50	156	218	290
	20	T	45	160	210	300
		V	60	165	235	285
8D	13	T	70	136	218	261
		V	75	138	224	268
	17, 19 & 21	T	58	162	188	316
		V	85	150	191	307

For further information contact us at technical.emear@souriau.com (Europe - Asia - Africa)
technical.americas@souriau.com (North America)
 or visit our web site www.souriau.com