

Solder contact spec

WS16, WF16, WY16	2	3	4	5	7	9	10
Male contact face view							
Rated current (A)	10	10	5	5	5	5	5
Contact diameter (mm)	1.5	1.5	1	1	1	1	1
Rated voltage (AC.V)	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	2.5	2.5	5	5	5	5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000
Wire size (mm²/ AWG)	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18	≤0.75/18

WS20, WF20, WY20	2	3	4	5	6	6B	7	9	12
Male contact face view									
Rated current (A)	25	25	25	10	25 5	30 5	10	5	5
Contact diameter (mm)	2.5	2.5	2.5	1.5	φ2.5X4 φ1X2	φ3X2 φ1X4	1.5	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200	1200
Contact resistance (mΩ)	1	1	1	2.5	1 5	1 5	2.5	5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm²/ AWG)	≤4/11	≤4/11	≤4/11	≤2/14	≤4/11 ≤0.75/18	≤4/11 ≤0.75/18	≤2/14	≤0.75/18	≤0.75/18

WS24, WF24, WY24	2	3	4	9	10	12	12B	19
Male contact face view								
Rated current (A)	25	25	25	25 5	10	10	30 5	5
Contact diameter (mm)	2.5	2.5	2.5	φ2.5X4 φ1X5	1.5	1.5	φ3X3 φ1X9	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	1	1	1	1 5	2.5	2.5	1 5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm²/ AWG)	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.75/18	≤2/14	≤2/14	≤4/11 ≤0.75/18	≤0.75/18

WS28, WF28, WY28	2	3	4	7	8	9	10	10B	12	16	17	20	24	26
Male contact face view														
Rated current (A)	50	50	25	25	25	25 5	25	10	10	10	10	5	5	5
Contact diameter (mm)	3.5	3.5	2.5	2.5	2.5	φ2.5X4 φ1X5	2.5	1.5	1.5	1.5	1.5	1	1	1
Rated voltage (AC.V)	500	500	500	500	500	500	500	500	500	500	500	400	400	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1200	1200	1200
Contact resistance (mΩ)	0.5	0.5	1	1	1	1 5	1	2.5	2.5	2.5	2.5	5	5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm²/ AWG)	≤10/7	≤10/7	≤4/11	≤4/11	≤4/11	≤4/11 ≤0.75/18	≤4/11	≤2/14	≤2/14	≤2/14	≤2/14	≤0.75/18	≤0.75/18	≤0.75/18

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WS32、WF32、WY32	4	6	8	8B	10	10B	11	12	13	19
Male contact face view										
Rated current (A)	50	50 10	50 10	50 10	25 10	25	25	25	25 10	10
Contact diameter (mm)	3.5	∅3.5X4 ∅1.5X2	∅3.5X3 ∅1.5X5	∅3.5X4 ∅1.5X4	∅2.5X5 ∅1.5X5	2.5	2.5	2.5	∅2.5X4 ∅1.5X9	1.5
Rated voltage (AC.V)	500V	500V	500V	500V	500V	500V	500V	500V	500V	500V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact resistance (mΩ)	0.5	0.5 2.5	0.5 2.5	0.5 2.5	1 2.5	1	1	1	1 2.5	2.5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Wire size (mm ² / AWG)	≤10/7	≤10/7 ≤2/14	≤10/7 ≤2/14	≤10/7 ≤2/14	≤4/11 ≤2/14	≤4/11	≤4/11	≤4/11	≤4/11 ≤2/14	≤2/14

WS40、WF40、WY40	5	9	15	26	31	52
Male contact face view						
Rated current (A)	50	50 25	10	25 10	10	5
Contact diameter (mm)	3.5	∅3.5X4 ∅2.5X5	1.5	∅2.5X4 ∅1.5X22	1.5	1
Rated voltage (AC.V)	500	500	500	500	500	400
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1200
Contact resistance (mΩ)	0.5	0.5 1	2.5	1 2.5	2.5	5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000
Wire size (mm ² / AWG)	≤10/7	≤10/7 ≤4/11	≤2/14	≤4/11 ≤2/14	≤2/14	≤0.785/18

WS48、WF48、WY48	5	7	20	27	38	42
Male contact face view						
Rated current (A)	100	50	25	25 10	25 10	10
Contact diameter (mm)	5.5	3.5	2.5	∅2.5X1 ∅1.5X26	∅2.5X5 ∅1.5X33	1.5
Rated voltage (AC.V)	500	500	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500	1500
Contact resistance (mΩ)	0.3	0.5	1	1 2.5	1 2.5	2.5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000	2000
Wire size (mm ² / AWG)	≤25/3	≤10/7	≤4/11	≤4/11 ≤2/14	≤4/11 ≤2/14	≤2/14

WS55、WF55、WY55	4	7	40	53	61
Male contact face view					
Rated current (A)	50 150	50 100	25 10	25 10	10
Contact diameter (mm)	∅3.5X1 ∅10X3	∅3.5X1 ∅5.5X6	∅2.5X15 ∅1.5X25	∅2.5X5 ∅1.5X48	1.5
Rated voltage (AC.V)	500	500	500	500	500
Test voltage(AC.V) 1 min	1500	1500	1500	1500	1500
Contact resistance (mΩ)	0.5 0.2	0.5 0.3	1 2.5	1 2.5	2.5
Insulation resistance (MΩ)	2000	2000	2000	2000	2000
Wire size (mm ² / AWG)	≤10/7 ≤70/(2/0)	≤10/7 ≤16/5	≤4/11 ≤2/14	≤4/11 ≤2/14	≤2/14