

CHARACTERISTICS

	PLUGS	SOCKETS	PATCH CORDS
ELECTRICAL			
Current rating, max. 4 mm safety 4 mm standard	30 A (≈ 20°C)		15 A (≈ 20°C) patch cords 1 mm ² 15 A (≈ 20°C) patch cords 1 mm ² 30 A (≈ 20°C) 2 and 2.5 mm ²
Dielectric withstanding voltage	2500 V _{rms} @ 50 Hz		
Operating voltage	750 V _{rms} @ 50Hz		
Insulation resistance, min	5000 MΩ		
Contact resistance, max	0.5 mΩ		
MECHANICAL			
Mechanical, durability, min.	10 000 matings		
Average insertion force	25 N		
Tightening torque 4 mm safety 4 mm standard		Max 140 N.cm 120Ncm	
ENVIRONMENTAL			
Temperature range 4 mm Safety	-40°C/+85°C	-40°C/+100°C	BDSR patch cords -40°C/+85°C BDSA patch cords -25°C/+70°C
4 mm standard	(uninsulated) (insulated models)	-65°C/+155°C -60°C/+100°C	-40°C/+70°C
MATERIAL			
Insulation	Thermoplastic		
Contacts	Nickel or tin plated Copper alloy/brass		

CHARACTERISTICS ACCESSORIES

	WITH SLIDING HOOK	WITH ALLIGATOR CLIP	WITH FLEXIBLE STEEL RODS	WITH CROCODILE DIE	SAFETY TEST PROBE
ELECTRICAL CHARACTERISTICS					
Operating voltage, max.	1000 V _{rms}				1500 V _{rms}
Current rating max	4 A (≈20°C)	16 A (≈ 20°C)	2.5 A	32 A	
Clip opening (max)	1.5mm (max hooking capacity)	20 mm	-	20 mm	-
MATERIALS					
Body	Thermoplastic				
Contact	Stainless steel				Steel

PACKAGING

	4 mm SAFETY SERIES	4 mm STANDARD SERIES
Plugs	10 pieces	100 pieces (except BDR4 = 10pieces)
Panel sockets	100 pieces	
Patch cords	10 pieces	
Accessories	10 pieces	

PLUGS

UNINSULATED BANANA PLUGS

FIGURE	PART NUMBER	DESCRIPTION	PANEL DRILLING
	R941 019 000	Solder or crimp 1.5 mm solder post Strip length: 5 mm Crimp tool: Buchanan R612 548 000 Positioner Radiall R282 561 000 Crimp setting: 1.20 (18 AWG) 1.08 (22 AWG) Maxi 15A	
	R941 029 000	Solder or crimp 2 mm solder post Strip length: 5 mm Crimp tool: Buchanan R612 548 000 Positioner Radiall R282 561 000 Crimp setting: 1.50 (14 AWG) 1.25 (18 AWG)	
	R941 049 000	Threaded panel connection 8 mm rear length	P03
	R941 069 000	Threaded panel connection 18 mm rear length	P03
	R941 149 000	Panel banana plug 4 mm with rear socket for mating with 4 mm plug	P01

INSULATED BANANA PLUGS

FIGURE	PART NUMBER	COLOR	REAR TERMINATION OPTIONS
	R941 330 000	Black	- Tin-plated solder cup or - Rear socket for 2 mm banana plug (14 AWG)
	R941 331 000	Red	
	R941 332 000	Green	
	R941 333 000	Blue	
	R941 334 000	Yellow	
	R941 336 000	White	
	R941 340 000	Black	- Tin-plated solder cup or - Screw tightening or - Rear socket for 2 mm banana plug (14 AWG)
	R941 341 000	Red	
	R941 342 000	Green	
	R941 343 000	Blue	
	R941 344 000	Yellow	
	R941 346 000	White	
	R941 460 000	Black	- Stackable banana with quick-grip clamp for stripped cable - 2 & 4 mm socket for banana plugs
	R941 461 000	Red	

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