

Plugs and inlets for industrial applications

Plugs - IP44/IP54

OPTIMA Series >> Plugs

OPTIMA Series

213.



Screw terminals

PLUG

IP44/IP54

CABLE GLAND

Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V	Yellow	4h	213.1630	10/50	213.3230	10/40
		200-250V	Blue	6h	213.1633	10/50	213.3233	10/40
		380-415V	Red	9h	213.1638	10/50	213.3238	10/40
		480-500V	Black	7h	213.16336	10/50	213.32336	10/40
		TST>50V	Grey	12h	213.16333	10/50	213.32333	10/40
	DC	>300-500Hz	Green	2h	213.16332	10/50	213.32332	10/40
		>50-250V	Grey	3h	213.16334	10/50	213.32334	10/40
		>250V	Grey	8h	213.16338	10/50	213.32338	10/40
3P+E	50Hz 60Hz	100-130V	Yellow	4h	213.1631	10/50	213.3231	10/40
		200-250V	Blue	9h	213.1634	10/50	213.3234	10/40
		380-415V	Red	6h	213.1636	10/50	213.3236	10/40
		380V 50Hz / 440V 60Hz	Red	3h	213.16364	10/50	213.32364	10/40
		480-500V	Black	7h	213.16366	10/50	213.32366	10/40
	60Hz	600-690V	Black	5h	213.16367	10/50	213.32367	10/40
		440-460V	Red	11h	213.16365	10/50	213.32365	10/40
		>300-500Hz	Green	10h	213.16361	10/50	213.32361	10/40
3P+N+E	50Hz 60Hz	>50V	Green	2h	213.16362	10/50	213.32362	10/40
		100-130V	Yellow	4h	213.1632	10/50	213.3232	10/40
		208-250V	Blue	9h	213.1635	10/50	213.3235	10/40
		346-415V	Red	6h	213.1637	10/50	213.3237	10/40
		380V 50Hz / 440V 60Hz	Red	3h	213.16374	10/50	213.32374	10/40
	60Hz	480-500V	Black	7h	213.16376	10/50	213.32376	10/40
		600-690V	Black	5h	213.16377	10/50	213.32377	10/40
		440-460V	Red	11h	213.16375	10/50	213.32375	10/40
	>300-500Hz	>50V	Green	2h	213.16372	10/50	213.32372	10/40



Terminals
Screw terminals



Terminals
Spring terminals (FAST WIRING)



Terminals
Perforating terminals (FAST WIRING)

OPTIMA Series >> Plugs

					OPTIMA Series	
					213.	
						
					 Perforating terminals	
					PLUG	
					IP44/IP54	
					CABLE GLAND	
					16A	
Poles	Hz	Volt	Colour	h		
2P+E	50Hz 60Hz	100-130V		4h	213.1630P 10/50	
		200-250V		6h	213.1633P 10/50	
		380-415V		9h	213.1638P 10/50	
3P+E		200-250V		6h	213.1634P 10/50	
		380-415V			213.1636P 10/50	
3P+N+E			346-415V			213.1637P 10/50

					OPTIMA Series		
					213.		
							
					 Spring terminals		
					PLUG		
					IP44/IP54		
					CABLE GLAND		
					32A		
2P+E	50Hz 60Hz	100-130V		4h	213.3230F	10/40	
		200-250V		6h	213.3233F	10/40	
		380-415V		9h	213.3238F	10/40	
3P+E		200-250V		6h	213.3234F	10/40	
		380-415V			213.3236F	10/40	
3P+N+E			346-415V			213.3237F	10/40



Plugs and inlets for industrial applications

Plugs - IP44/IP54

OPTIMA Series >> Plugs

OPTIMA Series

213.



Mantle terminals

PLUG
IP44/IP54
CABLE GLAND
63A

Poles	Hz	Volt	Colour	h		
2P+E	50Hz 60Hz	100-130V		4h	213.6330	6/24
		200-250V		6h	213.6333	6/24
		380-415V		9h	213.6338	6/24
		480-500V		7h	213.63336	6/24
		TST>50V		12h	213.63333	6/24
	DC	>300-500Hz		2h	213.63332	6/24
		>50-250V		3h	213.63334	6/24
		>250V		8h	213.63338	6/24
3P+E	50Hz 60Hz	100-130V		4h	213.6331	6/24
		200-250V		9h	213.6334	6/24
		380-415V		6h	213.6336	6/24
		380V 50Hz / 440V 60Hz		3h	213.63364	6/24
		480-500V		7h	213.63366	6/24
	60Hz	600-690V		5h	213.63367	6/24
		440-460V		11h	213.63365	6/24
		100-300Hz		10h	213.63361	6/24
3P+N+E	50Hz 60Hz	>300-500Hz		2h	213.63362	6/24
		100-130V		4h	213.6332	6/24
		208-250V		9h	213.6335	6/24
		346-415V		6h	213.6337	6/24
		380V 50Hz / 440V 60Hz		3h	213.63374	6/24
	60Hz	480-500V		7h	213.63376	6/24
		600-690V		5h	213.63377	6/24
		440-460V		11h	213.63375	6/24
	>300-500Hz	>50V		2h	213.63372	6/24



Terminals
Mantle terminals (EASY-PLUG)



Terminals
Perforating terminals (FAST WIRING)



Terminals
Screw terminals

OPTIMA Series >> Plugs [Transparent version]

OPTIMA Series
213.



Screw terminals



Perforating
terminals

					PLUG			
					IP44/IP54			
					CABLE GLAND			
					16A			
Poles	Hz	Volt	Colour	h	213.1630.TR	10/50	213.1630P.TR	10/50
2P+E	50Hz 60Hz	100-130V		4h	213.1630.TR	10/50	213.1630P.TR	10/50
		200-250V			213.1633.TR	10/50	213.1633P.TR	10/50
3P+E		380-415V		6h			213.1636P.TR	10/50
3P+N+E		346-415V					213.1637P.TR	10/50

- Transparent grip



CONVENTIONAL WIRING
Screw terminals



FAST WIRING
Insulation perforating terminals



Plugs and inlets for industrial applications

Plugs - IP44/IP54

■ OPTIMA-REVERSE Series >> Plugs with phase inverter

OPTIMA-REVERSE Series
213.



 Screw terminals

					PLUG			
					IP44/IP54			
					CABLE GLAND			
					16A		32A	
Poles	Hz	Volt	Colour	h	213.1636RV	10/50	213.3236RV	10/40
3P+E	50Hz 60Hz	380-415V		6h	213.1637RV	10/50	213.3237RV	10/40
3P+N+E		346-415V						

- Phase inverter



OPTIMA-REVERSE Series
Operating principle of the phase inverter



Terminals
Screw terminals

EUREKA Series >> Plugs

					EUREKA Series			
					221.			
								
					 Screw terminals [Angled outlet]			
					PLUG			
					IP44			
					CABLE SLEEVE			
Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	221.1630	10/100	221.3230	10/60
		200-250V			221.1633	10/100	221.3233	10/60
3P+E		380-415V		6h	221.1636	10/100	221.3236	10/60
3P+N+E		346-415V			221.1637	10/100	221.3237	10/50

XENIA Series >> Plugs

					XENIA Series			
					214.			
								
					 Screw terminals			
					PLUG			
					IP44			
					CABLE GLAND			
Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	214.1630	50	214.3230	25
		200-250V			214.1633	50	214.3233	25
3P+E		380-415V		6h	214.1636	40	214.3236	25
3P+N+E		346-415V			214.1637	30	214.3237	20

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