

Connectors and sockets for industrial applications

Connectors - IP44/IP54

OPTIMA Series >> Connectors

OPTIMA Series

313.



Screw terminals

CONNECTOR

IP44/IP54

CABLE GLAND

Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V	Yellow	4h	313.1640	10/50	313.3240	10/40
		200-250V	Blue	6h	313.1643	10/50	313.3243	10/40
		380-415V	Red	9h	313.1648	10/50	313.3248	10/40
		480-500V	Black	7h	313.16436	10/50	313.32436	10/40
		TST>50V	Grey	12h	313.16433	10/50	313.32433	10/40
	>300-500Hz	>50V	Green	2h	313.16432	10/50	313.32432	10/40
	DC	>50-250V	Grey	3h	313.16434	10/50	313.32434	10/40
		>250V	Grey	8h	313.16438	10/50	313.32438	10/40
3P+E	50Hz 60Hz	100-130V	Yellow	4h	313.1641	10/50	313.3241	10/40
		200-250V	Blue	9h	313.1644	10/50	313.3244	10/40
		380-415V	Red	6h	313.1646	10/50	313.3246	10/40
		380V 50Hz / 440V 60Hz	Red	3h	313.16464	10/50	313.32464	10/40
		480-500V	Black	7h	313.16466	10/50	313.32466	10/40
	60Hz	600-690V	Black	5h	313.16467	10/50	313.32467	10/40
		440-460V	Red	11h	313.16465	10/50	313.32465	10/40
		>300-500Hz	Green	2h	313.16462	10/50	313.32462	10/40
3P+N+E	50Hz 60Hz	100-130V	Yellow	4h	313.1642	10/50	313.3242	10/40
		208-250V	Blue	9h	313.1645	10/50	313.3245	10/40
		346-415V	Red	6h	313.1647	10/50	313.3247	10/40
		380V 50Hz / 440V 60Hz	Red	3h	313.16474	10/50	313.32474	10/40
		480-500V	Black	7h	313.16476	10/50	313.32476	10/40
	60Hz	600-690V	Black	5h	313.16477	10/50	313.32477	10/40
		440-460V	Red	11h	313.16475	10/50	313.32475	10/40
	>300-500Hz	>50V	Green	2h	313.16472	10/50	313.32472	10/40



Terminals
Screw terminals



Terminals
Spring terminals (FAST WIRING)



Terminals
Perforating terminals (FAST WIRING)

OPTIMA Series >> Connectors

					OPTIMA Series		
					313.		
							
					 Perforating terminals		
					CONNECTOR		
					IP44/IP54		
					CABLE GLAND		
					16A		
2P+E	50Hz 60Hz	100-130V		4h	313.1640P	10/50	
		200-250V		6h	313.1643P	10/50	
		380-415V		9h	313.1648P	10/50	
3P+E		200-250V		6h	313.1644P	10/50	
		380-415V			313.1646P	10/50	
3P+N+E			346-415V			313.1647P	10/50

					OPTIMA Series		
					313.		
							
					 Spring terminals		
					CONNECTOR		
					IP44/IP54		
					CABLE GLAND		
					32A		
2P+E	50Hz 60Hz	100-130V		4h	313.3240F	10/40	
		200-250V		6h	313.3243F	10/40	
		380-415V		9h	313.3248F	10/40	
3P+E		200-250V		6h	313.3244F	10/40	
		380-415V			313.3246F	10/40	
3P+N+E			346-415V			313.3247F	10/40

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Connectors and sockets for industrial applications

Connectors - IP44/IP54

OPTIMA Series >> Connectors

OPTIMA Series

313.



Mantle terminals

CONNECTOR
IP44/IP54
CABLE GLAND
63A

Poles	Hz	Volt	Colour	h		
2P+E	50Hz 60Hz	100-130V		4h	313.6340	6/24
		200-250V		6h	313.6343	6/24
		380-415V		9h	313.6348	6/24
		480-500V		7h	313.63436	6/24
		TST>50V		12h	313.63433	6/24
	DC	>50V		2h	313.63432	6/24
		>50-250V		3h	313.63434	6/24
		>250V		8h	313.63438	6/24
3P+E	50Hz 60Hz	100-130V		4h	313.6341	6/24
		200-250V		9h	313.6344	6/24
		380-415V		6h	313.6346	6/24
		380V 50Hz / 440V 60Hz		3h	313.63464	6/24
		480-500V		7h	313.63466	6/24
	60Hz	600-690V		5h	313.63467	6/24
		440-460V		11h	313.63465	6/24
		100-300Hz		10h	313.63461	6/24
3P+N+E	50Hz 60Hz	>50V		2h	313.63462	6/24
		100-130V		4h	313.6342	6/24
		208-250V		9h	313.6345	6/24
		346-415V		6h	313.6347	6/24
		380V 50Hz / 440V 60Hz		3h	313.63474	6/24
	60Hz	480-500V		7h	313.63476	6/24
		600-690V		5h	313.63477	6/24
		440-460V		11h	313.63475	6/24
	>300-500Hz	>50V		2h	313.63472	6/24



Terminals
Mantle terminals (EASY-PLUG)



Terminals
Perforating terminals (FAST WIRING)



Terminals
Screw terminals

OPTIMA Series >> Connectors [Transparent version]

OPTIMA Series
313.



Screw terminals



Perforating
terminals

					CONNECTOR			
					IP44/IP54			
					CABLE GLAND			
					16A			
Poles	Hz	Volt	Colour	h	313.1640.TR	10/50	313.1640P.TR	10/50
2P+E	50Hz 60Hz	100-130V		4h	313.1643.TR	10/50	313.1643P.TR	10/50
		200-250V		6h				

- Transparent grip

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OPTIMA Series >> Connectors [SAFE-IN]

OPTIMA Series
313.



Screw terminals

CONNECTOR

IP44/IP54

CABLE GLAND

16A

Poles	Hz	Volt	Colour	h	16A	
2P+E	50Hz 60Hz	100-130V		4h	313.1640H	10/50
		200-250V		6h	313.1643H	10/50
		380-415V		9h	313.1648H	10/50
200-250V			313.1644H		10/50	
380-415V			313.1646H		10/50	
3P+N+E		346-415V		6h	313.1647H	10/50

 Sockets with "SAFE-IN" safety device



THE "SAFE-IN" SAFETY DEVICE

The "SAFE-IN" safety device assembled on the 16A industrial sockets works like the protection installed on household sockets, i.e., by means of an appropriate shutter, it closes the input of the socket contact tubes and prevents accidental and voluntary contact of live parts of the socket with slim objects, such as screwdrivers or wires. This protection offers an additional safety guarantee, in addition to that already provided by the spring-loaded cover assembled on the mobile sockets.



Terminals
Screw terminals

EUREKA Series >> Connectors

					EUREKA Series			
					321.			
								
					 Screw terminals [Angled outlet]			
					CONNECTOR			
					IP44			
					CABLE SLEEVE			
Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	321.1640	10/100	321.3240	10/50
		200-250V			321.1643	10/100	321.3243	10/50
3P+E		380-415V		6h	321.1646	10/100	321.3246	10/50
3P+N+E		346-415V			321.1647	10/100	321.3247	10/50

XENIA Series >> Connectors

					XENIA Series			
					314.			
								
					 Screw terminals			
					CONNECTOR			
					IP44			
					CABLE GLAND			
Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	314.1640	40	314.3240	20
		200-250V			314.1643	40	314.3243	20
3P+E		380-415V		6h	314.1646	30	314.3246	20
3P+N+E		346-415V			314.1647	25	314.3247	15

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