

Connectors and sockets for industrial applications

Connectors - IP66/IP67/IP69

OPTIMA Series >> Connectors

OPTIMA Series

318.



Screw terminals

CONNECTOR

IP66/IP67/IP69

CABLE GLAND

Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V	Yellow	4h	318.1640	10/40	318.3240	10/40
		200-250V	Blue	6h	318.1643	10/40	318.3243	10/40
		380-415V	Red	9h	318.1648	10/40	318.3248	10/40
		480-500V	Black	7h	318.16436	10/40	318.32436	10/40
		TST>50V	Grey	12h	318.16433	10/40	318.32433	10/40
	DC	>300-500Hz	Green	2h	318.16432	10/40	318.32432	10/40
		>50-250V	Grey	3h	318.16434	10/40	318.32434	10/40
		>250V	Grey	8h	318.16438	10/40	318.32438	10/40
3P+E	50Hz 60Hz	100-130V	Yellow	4h	318.1641	10/40	318.3241	10/40
		200-250V	Blue	9h	318.1644	10/40	318.3244	10/40
		380-415V	Red	6h	318.1646	10/40	318.3246	10/40
		380V 50Hz / 440V 60Hz	Red	3h	318.16464	10/40	318.32464	10/40
		480-500V	Black	7h	318.16466	10/40	318.32466	10/40
	60Hz	600-690V	Black	5h	318.16467	10/40	318.32467	10/40
		440-460V	Red	11h	318.16465	10/40	318.32465	10/40
		>300-500Hz	Green	10h	318.16461	10/40	318.32461	10/40
3P+N+E	50Hz 60Hz	>300-500Hz	Green	2h	318.16462	10/40	318.32462	10/40
		100-130V	Yellow	4h	318.1642	10/40	318.3242	10/40
		208-250V	Blue	9h	318.1645	10/40	318.3245	10/40
		346-415V	Red	6h	318.1647	10/40	318.3247	10/40
		380V 50Hz / 440V 60Hz	Red	3h	318.16474	10/40	318.32474	10/40
	60Hz	480-500V	Black	7h	318.16476	10/40	318.32476	10/40
		600-690V	Black	5h	318.16477	10/40	318.32477	10/40
		440-460V	Red	11h	318.16475	10/40	318.32475	10/40
	>300-500Hz	>50V	Green	2h	318.16472	10/40	318.32472	10/40



Terminals
Screw terminals



Terminals
Spring terminals (FAST WIRING)



Terminals
Perforating terminals (FAST WIRING)

OPTIMA Series >> Connectors

					OPTIMA Series		
					318.		
							
					 Perforating terminals		
					CONNECTOR		
					IP66/IP67/IP69		
					CABLE GLAND		
					16A		
2P+E	50Hz 60Hz	100-130V		4h	318.1640P	10/40	
		200-250V		6h	318.1643P	10/40	
		380-415V		9h	318.1648P	10/40	
3P+E		200-250V		6h	318.1644P	10/40	
		380-415V			318.1646P	10/40	
3P+N+E			346-415V			318.1647P	10/40

					OPTIMA Series		
					318.		
							
					 Spring terminals		
					CONNECTOR		
					IP66/IP67/IP69		
					CABLE GLAND		
					32A		
2P+E	50Hz 60Hz	100-130V		4h	318.3240F	10/40	
		200-250V		6h	318.3243F	10/40	
		380-415V		9h	318.3248F	10/40	
3P+E		200-250V		6h	318.3244F	10/40	
		380-415V			318.3246F	10/40	
		380V 50Hz / 440V 60Hz			3h	318.32464F	10/40
3P+N+E			346-415V		6h	318.3247F	10/40

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Connectors and sockets for industrial applications

Connectors - IP66/IP67/IP69

OPTIMA Series >> Connectors

OPTIMA Series

318.



Mantle terminals

CONNECTOR

IP66/IP67/IP69

CABLE GLAND

Poles	Hz	Volt	Colour	h	63A		125A	
2P+E	50Hz 60Hz	100-130V		4h	318.6340	6/24	318.12540	1/8
		200-250V		6h	318.6343	6/24	318.12543	1/8
		380-415V		9h	318.6348	6/24	318.12548	1/8
		480-500V		7h	318.63436	6/24	318.125436	1/8
		TST>50V		12h	318.63433	6/24	318.125433	1/8
	DC	>300-500Hz		2h	318.63432	6/24	318.125432	1/8
		>50-250V		3h	318.63434	6/24	318.125434	1/8
		>250V		8h	318.63438	6/24	318.125438	1/8
3P+E	50Hz 60Hz	100-130V		4h	318.6341	6/24	318.12541	1/8
		200-250V		9h	318.6344	6/24	318.12544	1/8
		380-415V		6h	318.6346	6/24	318.12546	1/8
		380V 50Hz / 440V 60Hz		3h	318.63464	6/24	318.125464	1/8
		480-500V		7h	318.63466	6/24	318.125466	1/8
	60Hz	600-690V		5h	318.63467	6/24	318.125467	1/8
		440-460V		11h	318.63465	6/24	318.125465	1/8
		>300-500Hz		10h	318.63461	6/24	318.125461	1/8
3P+N+E	50Hz 60Hz	>300-500Hz		2h	318.63462	6/24	318.125462	1/8
		100-130V		4h	318.6342	6/24	318.12542	1/8
		208-250V		9h			318.12545	1/8
		346-415V		6h	318.6347	6/24	318.12547	1/8
		380V 50Hz / 440V 60Hz		3h	318.63474	6/24	318.125474	1/8
	60Hz	480-500V		7h	318.63476	6/24	318.125476	1/8
		600-690V		5h	318.63477	6/24	318.125477	1/8
		440-460V		11h	318.63475	6/24	318.125475	1/8
	>300-500Hz	>50V		2h	318.63472	6/24	318.125472	1/8



Terminals
Mantle terminals (EASY-PLUG)



Terminals
Perforating terminals (FAST WIRING)



Terminals
Screw terminals

OPTIMA Series >> Connectors (transparent version)

					OPTIMA Series			
					318.			
								
					 Perforating terminals	 Screw terminals		
					CONNECTOR			
					IP66/IP67/IP69			
					CABLE GLAND			
					16A			
Poles	Hz	Volt	Colour	h				
2P+E	50Hz 60Hz	100-130V		4h	318.1640P.TR	10/40	318.1640.TR	10/40
		200-250V		6h	318.1643P.TR	10/40	318.1643.TR	10/40

- Transparent grip

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■ OPTIMA Series >> Connectors [SAFE-IN]

OPTIMA Series
318.

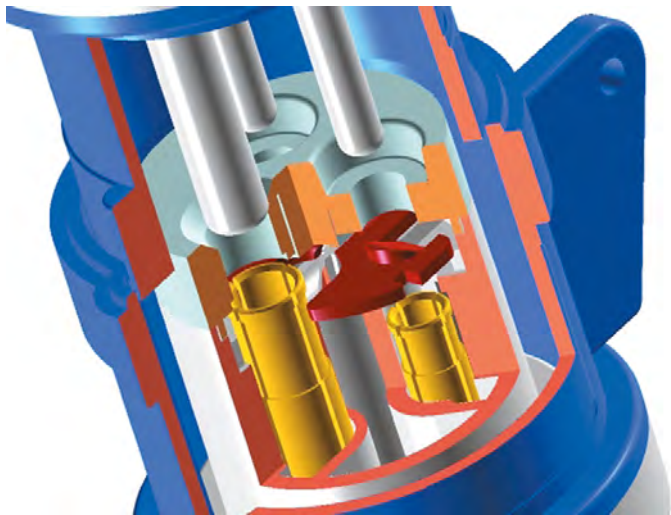


Screw terminals

Poles	Hz	Volt	Colour	h	
2P+E	50Hz 60Hz	100-130V		4h	
		200-250V		6h	
		380-415V		9h	
3P+E		200-250V		6h	
		380-415V			
3P+N+E			346-415V		

CONNECTOR		
IP66/IP67/IP69		
CABLE GLAND		
16A		
	318.1640H	10/40
	318.1643H	10/40
	318.1648H	10/40
	318.1644H	10/40
	318.1646H	10/40
	318.1647H	10/40

 Sockets with "SAFE-IN" safety device



SAFE-IN
Connector tube protective shutter for increased safety against direct contacts. (The SAFE-IN safety device).



Terminals
Screw terminals



Terminals
Mantle terminals (EASY-PLUG)

OPTIMA-HD Series >> Connectors [HEAVY DUTY]

OPTIMA-HD Series
318.



 Screw terminals

						CONNECTOR	
						IP66/IP67/IP69	
Current	Poles	Hz	Volt	Colour	h	CABLE GLAND	
16A	2P+E	50Hz 60Hz	200-250V		6h	318.1643.KX	10/40
	3P+E		380-415V	318.1646.KX		10/40	
	3P+N+E		346-415V	318.1647.KX		10/40	
32A	2P+E		200-250V		3h	318.3243.KX	10/40
	3P+E		380-415V	318.3246.KX		10/40	
			380V 50Hz / 440V 60Hz			318.32464.KX	1/12
			3P+N+E	346-415V		318.3247.KX	10/40
63A	2P+E		200-250V		6h	318.6343.KX	6/24
	3P+E		380-415V	318.6346.KX		6/24	
	3P+N+E		346-415V	318.6347.KX		6/24	
125A	2P+E		200-250V		6h	318.12543.KX	1/8
	3P+E		380-415V	318.12546.KX		1/8	
	3P+N+E		346-415V	318.12547.KX		1/8	

-  High impact resistance
- High heat and fire resistance



CONVENTIONAL WIRING
Cage clamp connectors

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Connectors and sockets for industrial applications

Connectors - IP66/IP67/IP69

EUREKA Series >> Connectors

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INDUSTRY

					EUREKA Series				
					326.				
									
					 Screw terminals [Angled outlet]				
					CONNECTOR				
					IP66/IP67				
					CABLE GLAND				
Poles	Hz	Volt	Colour	h	16A		32A		
2P+E	50Hz 60Hz	100-130V		4h	326.1640	10/100	326.3240	10/40	
		200-250V		6h	326.1643	10/100	326.3243	10/40	
3P+E		380-415V		3h	326.1646	10/100	326.3246	10/40	
		380V 50Hz / 440V 60Hz		6h	326.1647	10/50	326.3247	10/40	
3P+N+E				346-415V					



Terminals
Screw terminals



Terminals
Mantle terminals (EASY-PLUG)