

OPTIMA Series >> Flush mounting socket outlets

OPTIMA Series

413.



Screw terminals
[Angled outlet]



Mantle terminals
[Angled outlet]

					FLUSH-MOUNTING SOCKET					
					IP44/IP54					
Poles	Hz	Volt	Colour	h	70x87mm		84x106mm		100x110mm	
					16A		32A		63A	
2P+E	50Hz 60Hz	100-130V		4h	413.1660	10/100	413.3260	10/50	413.6360	
		200-250V		6h	413.1663	10/100	413.3263	10/50	413.6363	6/30
		380-415V		9h	413.1668	10/100	413.3268	10/50	413.6368	
		480-500V		7h	413.16636	10/100	413.32636	10/50	413.63636	
		TST>50V		12h	413.16633	10/100	413.32633	10/50	413.63633	
	DC	>300-500Hz		2h	413.16632	10/100	413.32632	10/50	413.63632	
		>50-250V		3h	413.16634	10/100	413.32634	10/50	413.63634	
		>250V		8h	413.16638	10/100	413.32638	10/50	413.63638	
3P+E	50Hz 60Hz	100-130V		4h	413.1661	10/100	413.3261	10/50	413.6361	
		200-250V		9h	413.1664	10/100	413.3264	10/50	413.6364	6/30
		380-415V		6h	413.1666	10/100	413.3266	10/50	413.6366	6/30
		380V 50Hz / 440V 60Hz		3h	413.16664	10/100	413.32664	10/50	413.63664	
		480-500V		7h	413.16666	10/100	413.32666	10/50	413.63666	
	60Hz	600-690V		5h	413.16667	10/100	413.32667	10/50	413.63667	
		440-460V		11h	413.16665	10/100	413.32665	10/50	413.63665	
		>300-500Hz		2h	413.16662	10/100	413.32662	10/50	413.63662	
3P+N+E	50Hz 60Hz	100-130V		4h	413.1662	10/100	413.3262	10/50	413.6362	6/30
		208-250V		9h	413.1665	10/100	413.3265	10/50	413.6365	
		346-415V		6h	413.1667	10/100	413.3267	10/50	413.6367	6/30
		380V 50Hz / 440V 60Hz		3h	413.16674	10/100	413.32674	10/50	413.63674	
		480-500V		7h	413.16676	10/100	413.32676	10/50	413.63676	
	60Hz	600-690V		5h	413.16677	10/100	413.32677	10/50	413.63677	
		440-460V		11h	413.16675	10/100	413.32675	10/50	413.63675	
		>300-500Hz		2h	413.16672	10/100	413.32672	10/50	413.63672	

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Connectors and sockets for industrial applications

Flush mounting socket outlets - IP44/IP54

OPTIMA Series >> Flush mounting socket outlets

OPTIMA Series

423.



Mantle terminals
[Straight outlet]

FLUSH-MOUNTING SOCKET

IP44/IP54

100x110mm

Current	Poles	Hz	Volt	Colour	h	100x110mm
63A	2P+E	50Hz 60Hz	100-130V		4h	423.6360
			200-250V		6h	423.6363 6/30
			380-415V		9h	423.6368
			480-500V		7h	423.63636
			TST>50V		12h	423.63633
		>300-500Hz	>50V		2h	423.63632
					3h	423.63634
		DC	>250V		8h	423.63638
		3P+E	50Hz 60Hz	100-130V		4h
	200-250V				9h	423.6364
	380-415V				6h	423.6366 6/30
	380V 50Hz / 440V 60Hz				3h	423.63664
	480-500V				7h	423.63666
	60Hz		600-690V		5h	423.63667
			440-460V		11h	423.63665
			100-300Hz			10h
	>300-500Hz		2h	423.63662		
	3P+N+E		50Hz 60Hz	100-130V		4h
		208-250V			9h	423.6365
		346-415V			6h	423.6367 6/30
		380V 50Hz / 440V 60Hz			3h	423.63674
		480-500V			7h	423.63676
		60Hz	600-690V		5h	423.63677
			440-460V		11h	423.63675
			>300-500Hz			2h



Terminals
Mantle terminals (EASY-PLUG)



Terminals
Spring terminals (FAST WIRING)

413.



Spring terminals [Angled outlet]

IP44/IP54

Poles	Hz	Volt	Colour	h	70x87mm		84x106mm	
					16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	413.1660F	10/100	413.3260F	10/50
		200-250V		6h	413.1663F	10/100	413.3263F	10/50
		380-415V		9h	413.1668F	10/100	413.3268F	10/50
200-250V			413.1664F		10/100	413.3264F	10/50	
380-415V			6h		413.1666F	10/100	413.3266F	10/50
3P+N+E		346-415V		413.1667F	10/100	413.3267F	10/50	



FAST WIRING

Spring terminals

Connectors and sockets for industrial applications

Flush mounting socket outlets - IP44/IP54

OPTIMA Series >> Flush mounting sockets outlets [SAFE-IN]

OPTIMA Series

413.



 **Screw terminals**
[Angled outlet]

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

FLUSH-MOUNTING SOCKET

IP44/IP54

70x87mm

16A

413.1660H 10/100

413.1663H 10/100

413.1668H 10/100

413.1664H 10/100

413.1666H 10/100

413.1667H 10/100

 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 >> Flush / surface mounting socket outlets

EUREKA Series

452.



Screw terminals
[90° angled outlet]

SOCKET OUTLET

IP44

70x87mm

PG 16

Poles	Hz	Volt	Colour	h	16A		32A	
2P+E	50Hz 60Hz	100-130V		4h	452.1660	10/100	452.3260	10/40
		200-250V		6h	452.1663	10/100	452.3263	10/40
		380-415V		9h	452.1668	10/100	452.3268	10/40
		480-500V		7h	452.16636		452.32636	
		TST>50V		12h	452.16633		452.32633	
	>300-500Hz	>50V		2h	452.16632		452.32632	
		>50-250V		3h	452.16634		452.32634	10/40
	DC	>250V		8h	452.16638		452.32638	
3P+E	50Hz 60Hz	100-130V		4h	452.1661	10/60	452.3261	10/40
		200-250V		9h	452.1664	10/60	452.3264	10/40
		380-415V		6h	452.1666	10/60	452.3266	10/40
		380V 50Hz / 440V 60Hz		3h	452.16664		452.32664	10/40
		480-500V		7h	452.16666		452.32666	
	60Hz	600-690V		5h	452.16667		452.32667	
		440-460V		11h	452.16665		452.32665	10/40
	100-300Hz	>50V		10h	452.16661	10/60	452.32661	
	>300-500Hz	>50V		2h	452.16662		452.32662	
3P+N+E	50Hz 60Hz	100-130V		4h	452.1662	10/60	452.3262	10/40
		208-250V		9h	452.1665	10/60	452.3265	10/40
		346-415V		6h	452.1667	10/60	452.3267	10/40
		380V 50Hz / 440V 60Hz		3h	452.16674		452.32674	10
		480-500V		7h	452.16676		452.32676	10
	60Hz	600-690V		5h	452.16677		452.32677	10
		440-460V		11h	452.16675		452.32675	10
	>300-500Hz	>50V		2h	452.16672	10/60	452.32672	10

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Connectors and sockets for industrial applications

Flush mounting socket outlets - IP44/IP54

EUREKA Series >> Flush mounting socket outlets

EUREKA Series

422.



Screw terminals
[Straight outlet]



Screw terminals
[Straight outlet]

FLUSH-MOUNTING SOCKET

IP44

62x62mm

75x75mm

16A

32A

Poles	Hz	Volt	Colour	h	16A		32A			
2P+E	50Hz 60Hz	100-130V		4h	422.1660/R	10/100	422.1660	10/100	422.3260	10/50
		200-250V		6h	422.1663/R	10/100	422.1663	10/100	422.3263	10/50
		380-415V		9h	422.1668/R	10/100	422.1668	10/100	422.3268	10/50
		480-500V		7h			422.16636	10/100	422.32636	10/50
		TST>50V		12h			422.16633	10/100	422.32633	10/50
	>300-500Hz	>50V		2h			422.16632	10/100	422.32632	10/50
	DC	>50-250V		3h			422.16634	10/100	422.32634	10/50
		>250V		8h			422.16638	10/100	422.32638	10/50
3P+E	50Hz 60Hz	100-130V		4h			422.1661	10/100	422.3261	10/50
		200-250V		9h			422.1664	10/100	422.3264	10/50
		380-415V		6h			422.1666	10/100	422.3266	10/50
		380V 50Hz / 440V 60Hz		3h			422.16664	10/100	422.32664	10/50
		480-500V		7h			422.16666	10/100	422.32666	10/50
	600-690V		5h			422.16667	10/100	422.32667	10/50	
	60Hz	440-460V		11h			422.16665	10/100	422.32665	10/50
	100-300Hz	>50V		10h			422.16661	10/100	422.32661	10/50
	>300-500Hz			2h			422.16662	10/100	422.32662	10/50
3P+N+E	50Hz 60Hz	100-130V		4h			422.1662	10/100	422.3262	10/50
		208-250V		9h			422.1665	10/100	422.3265	10/50
		346-415V		6h			422.1667	10/100	422.3267	10/50
		380V 50Hz / 440V 60Hz		3h			422.16674	10/100	422.32674	10/50
		480-500V		7h			422.16676	10/100	422.32676	10/50
	600-690V		5h			422.16677	10/100	422.32677	10/50	
	60Hz	440-460V		11h			422.16675	10/100	422.32675	10/50
	>300-500Hz	>50V		2h			422.16672	10/100	422.32672	10/50



Terminals
Screw terminals