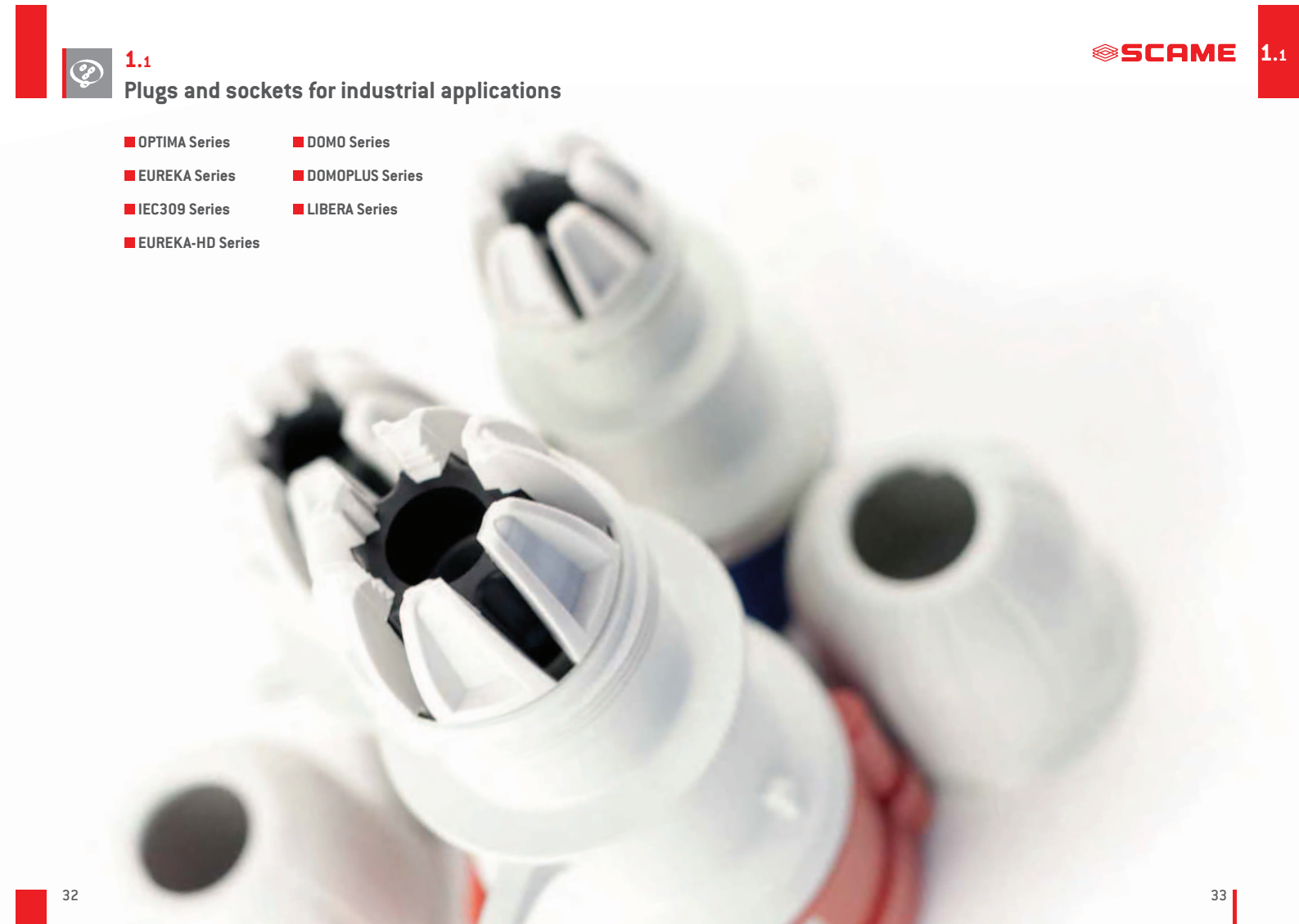




1.1

Plugs and sockets for industrial applications

- OPTIMA Series
- EUREKA Series
- IEC309 Series
- EUREKA-HD Series
- DOMO Series
- DOMOPLUS Series
- LIBERA Series



Plugs and sockets for industrial applications

INDUSTRIAL
1
2
3
4

	IP44 > 50V					IP44 < 50V
	OPTIMA Series	EUREKA Series	IEC309 Series	EUREKA-HD Series	LIBERA Series	IEC309 Series
Plugs	 page 39	 page 38	 page 39	 from page 74	 page 84	 page 68
Surface mounting appliance inlets		 page 46			 page 84	
Flush mounting appliance inlets	 page 48			 from page 74		
Connectors	 page 53	 page 52	 page 53	 from page 74	 page 84	 page 69
Surface mounting socket outlets	 page 63	 page 62				 page 73
Flush mounting socket outlets	 page 57	 page 56		 da page 74	 page 84	 page 70

	IP67 > 50V					IP67 < 50V
	OPTIMA Series	OPTIMA-EX Series	OPTIMA-HD Series	EUREKA Series	EUREKA-HD Series	IEC309 Series
Plugs	 page 41	 page 42	 page 43	 page 40	 from page 74	 page 68
Surface mounting appliance inlets	 page 47			 page 46		
Flush mounting appliance inlets	 page 49				 from page 74	
Connectors	 page 55		 page 43	 page 54	 from page 74	 page 69
Surface mounting socket outlets	 page 65			 page 64		 page 72
Flush mounting socket outlets	 page 59			 page 58	 from page 74	 page 71

Plugs and sockets for industrial applications

INDUSTRIAL
1
2
3
4

CONVENTIONAL WIRING

Screw terminals



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.

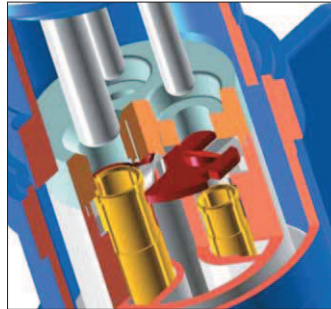
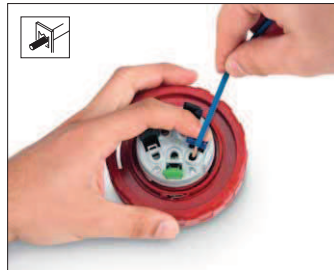
FAST WIRING

FAST WIRING

Insulation perforating terminals



Spring terminals



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



Plugs and sockets for industrial applications >50V



PLUGS - IP44

EUREKA Series



Poles	Hz.	Volt	Colour	h.	16A		32A	
					cable sleeve 10/100	cable sleeve 10/50	cable sleeve 10/100	cable sleeve 10/60 ^(*)
2P+E	50/60	100-130	Yellow	4	211.1630 (Δ)	211.3230	221.1630	221.3230
	50/60	200-250	Blue	6	211.1633 (▲) (Δ)	211.3233	221.1633	221.3233
	50/60	380-415	Red	9	211.1638	211.3238		
	50/60	480-500	Grey	7				
	50/60	trasf.	Grey	12				
	>300-500	>50	Green	2				
	c.c.	>50-250	Grey	3				
	c.c.	>250	Grey	8				
3P+E	50/60	100-130	Yellow	4	211.1631	211.3231		
	50/60	200-250	Blue	9	211.1634	211.3234		
	50/60	380-415	Red	6	211.1636	211.3236	221.1636	221.3236
	60	440-460	Red	11				
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	50/60	380-415	Red	3				
	100-300	>50	Green	10				
3P+N+E	>300-500	>50	Green	2				
	50/60	100-130	Yellow	4	211.1632	211.3232		
	50/60	208-250	Blue	9	211.1635	211.3235		
	50/60	346-415	Red	6	211.1637	211.3237	221.1637	221.3237
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	60	440-460	Red	11				
	50/60	380-415	Red	3				

(*) 3P+N+E= 10/50

IEC309 Series



OPTIMA Series



Poles	Hz.	Volt	Colour	h.	16A		32A		FAST WIRING	
					cable sleeve 10/100	cable sleeve 10/100	cable gland 10/50	cable gland 10/40	cable gland 10/50	cable gland 10/40
2P+E	50/60	100-130	Yellow	4	210.1630		213.1630 (Δ)	213.3230	213.1630P (Δ)	213.3230F (Δ)
	50/60	200-250	Blue	6	210.1633	210.3233	213.1633 (▲) (Δ)	213.3233 (▲)	213.1633P (▲) (Δ)	213.3233F (▲)
	50/60	380-415	Red	9			213.1638	213.3238	213.1638P	213.3238F
	50/60	480-500	Grey	7			213.16336	213.32336		
	50/60	trasf.	Grey	12			213.16333	213.32333		
	>300-500	>50	Green	2			213.16332	213.32332		
	c.c.	>50-250	Grey	3			213.16334	213.32334		
	c.c.	>250	Grey	8			213.16338	213.32338		
	50/60	100-130	Yellow	4	210.1634	210.3234	213.1634	213.3234	213.1634P	213.3234F
	50/60	200-250	Blue	9	210.1636	210.3236	213.1636 (▲) (*)	213.3236 (▲) (*)	213.1636P (▲) (Δ)	213.3236F (▲)
	50/60	380-415	Red	6			213.16365	213.32365		
	60	440-460	Red	11			213.16366	213.32366		
3P+E	50/60	480-500	Grey	7			213.16367	213.32367		
	50/60	600-690	Black	5			213.16364	213.32364		
	50/60	380-415	Red	3			213.16361	213.32361		
	100-300	>50	Green	10			213.16362	213.32362		
	>300-500	>50	Green	2			213.16362	213.32362		
	50/60	100-130	Yellow	4	210.1637	210.3237	213.1637	213.3237	213.1637P (▲) (Δ)	213.3237F (▲)
	50/60	208-250	Blue	9			213.16376	213.32376		
	50/60	346-415	Red	6			213.16377	213.32377		
	50/60	480-500	Grey	7			213.16375	213.32375		
	50/60	600-690	Black	5			213.16374	213.32374		
	60	440-460	Red	11			213.16372	213.32372		

Rated operating voltage >50V
- Approvals: from page 561

- Screw terminals
 - Insulation perforating terminals
 - Spring terminals
- More information on page 36

Accessories
Plugs cover page 45

(*) Phase inverter
Plugs and flush mounting
appliance inlets with phase
inverter, page 44

(▲) Black-coloured
Versions also available in black;
just add "K" at the end of the
catalogue number.
Example 213.1633.K

(Δ) Transparent grip
Version also available with
transparent grip; just add ".TR"
at the end of the catalogue
number. Example 211.1633.TR



Plugs and sockets for industrial applications >50V



PLUGS - IP66/IP67

EUREKA Series



Poles	Hz.	Volt	Colour	h.	16A cable gland \varnothing 10/100 ¹⁾		32A cable gland \varnothing 10/40	
					216.1630 (Δ)	216.3230	226.1630	226.3230
2P+E	50/60	100-130	Yellow	4	216.1630 (Δ)	216.3230	226.1630	226.3230
	50/60	200-250	Blue	6	216.1633 (Δ)	216.3233	226.1633	226.3233
	50/60	380-415	Red	9	216.1638	216.3238		
	50/60	480-500	Grey	7				
	50/60	trasf.	Grey	12				
	>300-500	>50	Green	2				
	c.c.	>50-250	Grey	3				
	c.c.	>250	Grey	8				
3P+E	50/60	100-130	Yellow	4	216.1631	216.3231		
	50/60	200-250	Blue	9	216.1634	216.3234		
	50/60	380-415	Red	6	216.1636	216.3236	226.1636	226.3236
	60	440-460	Red	11				
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	50/60	380-415	Red	3				226.32364
	100-300	>50	Green	10				
>300-500	>50	Green	2					
3P+N+E	50/60	100-130	Yellow	4	216.1632	216.3232		
	50/60	208-250	Blue	9	216.1635	216.3235		
	50/60	346-415	Red	6	216.1637	216.3237	226.1637	226.3237
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	60	440-460	Red	11				
	50/60	380-415	Red	3				
	>300-500	>50	Green	2				

¹⁾ 3P+N+E= \varnothing 10/40

²⁾ 3P+N+E= \varnothing 10/50

Rated operating voltage >50V
- Approvals: from page 561

- Screw terminals
 - Insulation perforating terminals
 - Spring terminals
- More information on page 36

Accessories
Plugs cover page 45

OPTIMA Series



Poles	Hz.	Volt	Colour	h.	16A cable gland \varnothing 10/40		32A cable gland \varnothing 10/40		63A cable gland \varnothing 6/24		125A cable gland \varnothing 1/8		FAST WIRING	
					218.1630 (Δ)	218.3230	218.6330	218.12530	218.1630P (Δ)	218.3230F				
2P+E	50/60	100-130	Yellow	4	218.1630 (Δ)	218.3230	218.6330	218.12530	218.1630P (Δ)	218.3230F				
	50/60	200-250	Blue	6	218.1633 (Δ/Δ)	218.3233 (Δ)	218.6333	218.12533	218.1633P (Δ/Δ)	218.3233F (Δ)				
	50/60	380-415	Red	9	218.1638	218.3238	218.6338	218.12538	218.1638P	218.3238F				
	50/60	480-500	Grey	7	218.16336	218.32336	218.63336							
	50/60	trasf.	Grey	12	218.16333	218.32333	218.63333							
	>300-500	>50	Green	2	218.16332	218.32332								
	c.c.	>50-250	Grey	3	218.16334	218.32334	218.63334							
	c.c.	>250	Grey	8	218.16338	218.32338	218.63338							
	50/60	100-130	Yellow	4	218.1631	218.3231	218.6331	218.12531						
	50/60	200-250	Blue	9	218.1634	218.3234	218.6334	218.12534	218.1634P	218.3234F				
	50/60	380-415	Red	6	218.1636 (Δ) (+)	218.3236 (Δ) (+)	218.6336	218.12536	218.1636P (Δ)	218.3236F (Δ)				
	60	440-460	Red	11	218.16365	218.32365	218.63365	218.125365						
	50/60	480-500	Grey	7	218.16366	218.32366	218.63366	218.125366						
	50/60	600-690	Black	5	218.16367	218.32367	218.63367	218.125367						
	50/60	380-415	Red	3	218.16364	218.32364							218.32364F	
	100-300	>50	Green	10	218.16361	218.32361								
>300-500	>50	Green	2	218.16362	218.32362									
50/60	100-130	Yellow	4	218.1632	218.3232	218.6332	218.12532							
50/60	208-250	Blue	9	218.1635	218.3235	218.6335	218.12535							
50/60	346-415	Red	6	218.1637 (Δ) (+)	218.3237 (Δ) (+)	218.6337	218.12537	218.1637P (Δ)	218.3237F (Δ)					
50/60	480-500	Grey	7	218.16376	218.32376	218.63376	218.125376							
50/60	600-690	Black	5	218.16377	218.32377	218.63377	218.125377							
60	440-460	Red	11	218.16375	218.32375	218.63375	218.125375							
50/60	380-415	Red	3	218.16374	218.32374									
>300-500	>50	Green	2	218.16372	218.32372									

(+) Phase inverter
Plugs and flush mounting
appliance inlets with phase
inverter, page 44

(Δ) Transparent grip
Version also available with
transparent grip; just add ".TR"
at the end of the catalogue
number. Example 218.1633.TR

(Δ) Black-coloured
Versions also available in black;
just add ".K" at the end of the
catalogue number.
Example 218.1633.K



Plugs and sockets for industrial applications >50V

PLUGS - IP66/IP67 - ATEX

OPTIMA-EX Series



Poles	Hz.	Volt	Colour	h	Cable gland			
					16A	32A	63A	125A
2P+E	50/60	200-250	Blue	6	218.EX1633	218.EX3233	218.EX6333	218.EX12533
3P+E	50/60	380-415	Red	6	218.EX1636	218.EX3236	218.EX6336	218.EX12536
3P+E	60	440-460	Red	11			218.EX6336S	
3P+N+E	50/60	346-415	Red	6	218.EX1637	218.EX3237	218.EX6337	218.EX12537

ATEX: For applications in potentially explosive atmospheres.

PLUGS - IP66/IP67 - HEAVY DUTY

OPTIMA-HD Series



Poles	Hz.	Volt	Colour	h	TWISTED CABLE		STANDARD CABLE	
					32A	63A	32A	125A
2P+E	50/60	48	Grey	12	218.32333.KXB		218.32333.KX	
	50/60	48	Grey	1		218.63339.KXB		218.125339.KX
3P+E	50/60	380-440	Red	3			218.32364.KX	

CONNECTORS - IP66/IP67 - HEAVY DUTY

OPTIMA-HD Series



Poles	Hz.	Volt	Colour	h	TWISTED CABLE		STANDARD CABLE	
					32A	63A	32A	125A
2P+E	50/60	48	Grey	12	318.32433.KXB			
	50/60	48	Grey	1		318.63439.KXB		318.125439.KX
3P+E	50/60	380-440	Red	3			318.32464.KX	



ADVANCE-GRP Series from page 114



ZENITH-P Series from page 184



ALUBOX-EX Series from page 182



ISOLATORS-EX Series from page 193



380-440V
3H-3P+⊕

Specifically designed for cold-storage containers and shipyards.

INDUSTRIAL
1
2
3
4

1.1
SEARCH
HOME
PRODUCTS
CATEGORIES
CONTACT
ABOUT
FAQ
NEWS
GALLERY
SERVICES
PARTNERS
DISTRIBUTORS
DEVELOPERS
RESOURCES
LEGAL
TERMS
PRIVACY
COOKIES

Plugs and sockets for industrial applications >50V

PLUGS WITH PHASE INVERTER

OPTIMA-REVERSE Series



Poles	Hz.	Volt	Colour	h.	IP44		IP66/IP67	
					16A cable gland 10/50	32A cable gland 10/40	16A cable gland 10/40	32A cable gland 10/40
3P+E	50/60	380-415	Red	6	213.1636RV	213.3236RV	218.1636RV	218.3236RV
3P+N+E	50/60	346-415	Red	6	213.1637RV	213.3237RV	218.1637RV	218.3237RV

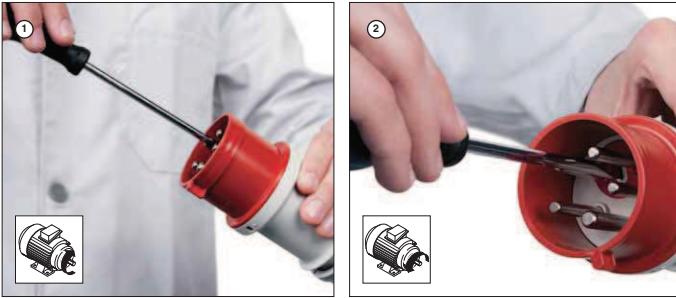
COVER FOR IP67 PLUGS

ACCESSORIES



Description	h.	
16A-20A	2P+E	10/100
	3P+E	10/100
	3P+N+E	10/100
32A-30A	2P+E and 3P+E	10/100
	3P+N+E	10/100
63A-60A	2P+E, 3P+E and 3P+N+E	10/100
	2P+E, 3P+E and 3P+N+E	10/100

Operating principle of the phase inverter



Plugs and sockets for industrial applications >50V

SURFACE MOUNTING APPLIANCE INLETS

EUREKA Series

Poles	Hz.	Volt	Colour	h.	IP44 - 90° ANGLED		IP66/IP67 - 90° ANGLED	
					16A 70x87 10/100 ¹⁾	32A 70x87 10/60	16A 70x87 10/100 ²⁾	32A 70x87 10/40
2P+E	50/60	100-130	Yellow	4	242.1690	242.3290	247.1690	247.3290
	50/60	200-250	Blue	6	242.1693	242.3293	247.1693	247.3293
	50/60	380-415	Red	9	242.1698	242.3298	247.1698	247.3298
	50/60	480-500	Grey	7	242.16936	242.32936	247.16936	247.32936
	50/60	trasf.	Grey	12	242.16933	242.32933	247.16933	247.32933
	>300-500	>50	Green	2	242.16932	242.32932	247.16932	247.32932
	c.c.	>50-250	Grey	3	242.16934	242.32934	247.16934	247.32934
c.c.	>250	Grey	8	242.16938	242.32938	247.16938	247.32938	
3P+E	50/60	100-130	Yellow	4	242.1691	242.3291	247.1691	247.3291
	50/60	200-250	Blue	9	242.1694	242.3294	247.1694	247.3294
	50/60	380-415	Red	6	242.1696	242.3296	247.1696	247.3296
	60	440-460	Red	11	242.16965	242.32965	247.16965	247.32965
	50/60	480-500	Grey	7	242.16966	242.32966	247.16966	247.32966
	50/60	600-690	Black	5	242.16967	242.32967	247.16967	247.32967
	50/60	380-415	Red	3	242.16964	242.32964	247.16964	247.32964
3P+N+E	100-300	>50	Green	10	242.16961	242.32961	247.16961	247.32961
	>300-500	>50	Green	2	242.16962	242.32962	247.16962	247.32962
	50/60	100-130	Yellow	4	242.1692	242.3292	247.1692	247.3292
	50/60	208-250	Blue	9	242.1695	242.3295	247.1695	247.3295
	50/60	346-415	Red	6	242.1697	242.3297	247.1697	247.3297
	50/60	480-500	Grey	7	242.16976	242.32976	247.16976	247.32976
	50/60	600-690	Black	5	242.16977	242.32977	247.16977	247.32977
3P+N+E	60	440-460	Red	11	242.16975	242.32975	247.16975	247.32975
	50/60	380-440	Red	3	242.16974	242.32974	247.16974	247.32974
	>300-500	>50	Green	2	242.16972	242.32972	247.16972	247.32972

¹⁾ 3P+N+E= 10/60

²⁾ 3P+N+E= 10/50
³⁾ 3P+E= 10/60

Rated operating voltage >50V
- Approvals: from page 561

Screw terminals
More information on page 36



• Suitable for DOMINO Series (page 137) and BLOCK Series (page 144) consumer units

OPTIMA Series

IP66/IP67 - PG ENTRY		IP66/IP67 - METRIC ENTRY	
63A PG29 3/12	125A PG48 1/8	63A M32 3/12	125A M63 1/8
245.6390		245.M6390	
245.6393	245.12593	245.M6393	245.M12593
245.6394		245.M6394	
245.6391	245.12591	245.M6391	245.M12591
245.6392		245.M6392	
245.6396	245.12596	245.M6396	245.M12596
	245.12597		
245.6395	245.12595	245.M6395	245.M12595
245.6397	245.12598	245.M6397	245.M12598
245.6398	245.12597	245.M6398	245.M12597

Accessories
Plugs cover page 51



Accessories
Mechanical locking devices
IP66/IP67 page 51



Plugs and sockets for industrial applications >50V

SURFACE MOUNTING APPLIANCE INLETS

OPTIMA Series

243.



IP44

Poles	Hz.	Volt	Colour	h.	OPTIMA Series	
					16A 75x75 10/50	32A 75x75 10/50 ^(*)
2P+E	50/60	100-130	Yellow	4	243.1690	243.3290
	50/60	200-250	Blue	6	243.1693 (▲)	243.3293 (▲)
	50/60	380-415	Red	9	243.1698	243.3298
	50/60	480-500	Grey	7	243.16936	243.32936
	50/60	trasf.	Grey	12	243.16933	243.32933
	>300-500	>50	Green	2	243.16932	243.32932
	c.c.	>50-250	Grey	3	243.16934	243.32934
	c.c.	>250	Grey	8	243.16938	243.32938
3P+E	50/60	100-130	Yellow	4	243.1691	243.3291
	50/60	200-250	Blue	9	243.1694	243.3294
	50/60	380-415	Red	6	243.1696 (▲) (+)	243.3296 (▲) (+)
	60	440-460	Red	11	243.16965	243.32965
	50/60	480-500	Grey	7	243.16966	243.32966
	50/60	600-690	Black	5	243.16967	243.32967
	50/60	380-415	Red	3	243.16964	243.32964
	100-300	>50	Green	10	243.16961	243.32961
	>300-500	>50	Green	2	243.16962	243.32962
	50/60	100-130	Yellow	4	243.1692	243.3292
3P+N+E	50/60	208-250	Blue	9	243.1695	243.3295
	50/60	346-415	Red	6	243.1697 (▲) (+)	243.3297 (▲) (+)
	50/60	480-500	Grey	7	243.16976	243.32976
	50/60	600-690	Black	5	243.16977	243.32977
	60	440-460	Red	11	243.16975	243.32975
	50/60	380-415	Red	3	243.16974	243.32974
	>300-500	>50	Green	2	243.16972	243.32972

^(*) 3P+N+E= 10/40

Rated operating voltage >50V
- Approvals: from page 561

Screw terminals
More information on page 36

Accessories
Plugs cover page 51



OPTIMA Series

248.



IP66/IP67

246.



IP66/IP67

Poles	Hz.	Volt	Colour	h.	OPTIMA Series			
					16A 75x75 10/50	32A 75x75 10/50 ^(*)	63A 110x100 10	125A 114x114 10
2P+E	50/60	100-130	Yellow	4	248.1690	248.3290	246.6390	
	50/60	200-250	Blue	6	248.1693 (▲)	248.3293 (▲)	246.6393	246.12593
	50/60	380-415	Red	9	248.1698	248.3298	246.6398	
	50/60	480-500	Grey	7	248.16936	248.32936		
	50/60	trasf.	Grey	12	248.16933	248.32933		
	>300-500	>50	Green	2	248.16932	248.32932		
	c.c.	>50-250	Grey	3	248.16934	248.32934		
	c.c.	>250	Grey	8	248.16938	248.32938		
	50/60	100-130	Yellow	4	248.1691	248.3291	246.6391	246.12591
	50/60	200-250	Blue	9	248.1694	248.3294	246.6392	
	50/60	380-415	Red	6	248.1696 (▲) (+)	248.3296 (▲) (+)	246.6396	246.12596
	60	440-460	Red	11	248.16965	248.32965		
	50/60	480-500	Grey	7	248.16966	248.32966		
	50/60	600-690	Black	5	248.16967	248.32967		
	50/60	380-415	Red	3	248.16964	248.32964		
	100-300	>50	Green	10	248.16961	248.32961		
>300-500	>50	Green	2	248.16962	248.32962			
3P+E	50/60	100-130	Yellow	4	248.1692	248.3292	246.6395	246.12595
	50/60	208-250	Blue	9	248.1695	248.3295	246.6397	246.12598
	50/60	346-415	Red	6	248.1697 (▲) (+)	248.3297 (▲) (+)	246.6398	246.12597
	50/60	480-500	Grey	7	248.16976	248.32976		
	50/60	600-690	Black	5	248.16977	248.32977		
	60	440-460	Red	11	248.16975	248.32975		
	50/60	380-415	Red	3	248.16974	248.32974		
	>300-500	>50	Green	2	248.16972	248.32972		

(+) Phase inverter
Plugs and flush mounting appliance inlets with phase inverter, page 50



(▲) Black-coloured
Versions also available in black; just add "K" at the end of the catalogue number. Example 243.1693.K

Plugs and sockets for industrial applications >50V



CONNECTORS - IP44

EUREKA Series



Poles	Hz.	Volt	Colour	h.	16A		32A	
					cable sleeve 10/100	cable sleeve 10/50	cable sleeve 10/100	cable sleeve 10/50
2P+E	50/60	100-130	Yellow	4	311.1640 (Δ)	311.3240	321.1640	321.3240
	50/60	200-250	Blue	6	311.1643 (Δ)(Δ)	311.3243	321.1643	321.3243
	50/60	380-415	Red	9	311.1648	311.3248		
	50/60	480-500	Grey	7				
	50/60	trasf.	Grey	12				
	>300-500	>50	Green	2				
	c.c.	>50-250	Grey	3				
	c.c.	>250	Grey	8				
3P+E	50/60	100-130	Yellow	4	311.1641	311.3241		
	50/60	200-250	Blue	9	311.1644	311.3244		
	50/60	380-415	Red	6	311.1646	311.3246	321.1646	321.3246
	60	440-460	Red	11				
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	50/60	380-415	Red	3				
	100-300	>50	Green	10				
>300-500	>50	Green	2					
3P+N+E	50/60	100-130	Yellow	4	311.1642	311.3242		
	50/60	208-250	Blue	9	311.1645	311.3245		
	50/60	346-415	Red	6	311.1647	311.3247	321.1647	321.3247
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	60	440-460	Red	11				
	50/60	380-415	Red	3				
	>300-500	>50	Green	2				

IEC309 Series



OPTIMA Series



Poles	Hz.	Volt	Colour	h.	16A		32A		SAFE-IN		FAST WIRING	
					cable sleeve 10/100	cable sleeve 10/50	cable gland 10/50	cable gland 10/40	cable gland 10/50	cable gland 10/50	cable gland 10/40	
2P+E	50/60	100-130	Yellow	4	310.1640		313.1640 (Δ)	313.3240	313.1640H	313.1640P (Δ)	313.3240F	
	50/60	200-250	Blue	6	310.1643	310.3243	313.1643 (Δ)(Δ)	313.3243 (Δ)	313.1643H (Δ)	313.1643P (Δ)(Δ)	313.3243F (Δ)	
	50/60	380-415	Red	9			313.1648	313.3248	313.1648H	313.1648P	313.3248F	
	50/60	480-500	Grey	7			313.16436	313.32436				
	50/60	trasf.	Grey	12			313.16433	313.32433				
	>300-500	>50	Green	2			313.16432	313.32432				
	c.c.	>50-250	Grey	3			313.16434	313.32434				
	c.c.	>250	Grey	8			313.16438	313.32438				
	50/60	100-130	Yellow	4	310.1644	310.3244	313.1644	313.3244	313.1644H	313.1644P	313.3244F	
	50/60	200-250	Blue	9	310.1646	310.3246	313.1646 (Δ)	313.3246 (Δ)	313.1646H (Δ)	313.1646P (Δ)	313.3246F (Δ)	
	50/60	380-415	Red	6			313.16465	313.32465				
	60	440-460	Red	11			313.16466	313.32466				
	50/60	480-500	Grey	7			313.16467	313.32467				
	50/60	600-690	Black	5			313.16464	313.32464				
	100-300	>50	Green	10			313.16461	313.32461				
>300-500	>50	Green	2			313.16462	313.32462					
3P+E	50/60	100-130	Yellow	4	310.1647	310.3247	313.1647 (Δ)	313.3247 (Δ)	313.1647H (Δ)	313.1647P (Δ)	313.3247F (Δ)	
	50/60	208-250	Blue	9			313.1645	313.3245				
	50/60	346-415	Red	6			313.16476	313.32476				
	50/60	480-500	Grey	7			313.16477	313.32477				
	50/60	600-690	Black	5			313.16475	313.32475				
	60	440-460	Red	11			313.16474	313.32474				
	50/60	380-415	Red	3			313.16472	313.32472				
	100-300	>50	Green	10								
	>300-500	>50	Green	2								

Rated operating voltage >50V
- Approvals: from page 561

- Screw terminals
 - Insulation perforating terminals
 - Spring terminals
- More information on page 36



(Δ) Black-coloured
Versions also available in black; just add "K" at the end of the catalogue number. Example 313.1643K



(Δ) Transparent grip
Version also available with transparent grip; just add ".TR" at the end of the catalogue number. Example 311.1643.TR

Plugs and sockets for industrial applications >50V



CONNECTORS - IP66/IP67

EUREKA Series



Poles	Hz.	Volt	Colour	h.	316		326	
					16A cable gland 10/100 ⁽¹⁾	32A cable gland 10/40	16A cable gland 10/100 ⁽²⁾	32A cable gland 10/40
2P+E	50/60	100-130	Yellow	4	316.1640 (Δ)	316.3240	326.1640	326.3240
	50/60	200-250	Blue	6	316.1643 (Δ)	316.3243	326.1643	326.3243
	50/60	380-415	Red	9	316.1648	316.3248		
	50/60	480-500	Grey	7				
	50/60	trasf.	Grey	12				
	>300-500	>50	Green	2				
	c.c.	>50-250	Grey	3				
	c.c.	>250	Grey	8				
3P+E	50/60	100-130	Yellow	4	316.1641	316.3241		
	50/60	200-250	Blue	9	316.1644	316.3244		
	50/60	380-415	Red	6	316.1646	316.3246	326.1646	326.3246
	60	440-460	Red	11				
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	50/60	380-415	Red	3				326.32464
	>300-500	>50	Green	2				
3P+N+E	50/60	100-130	Yellow	4	316.1642	316.3242		
	50/60	208-250	Blue	9	316.1645	316.3245		
	50/60	346-415	Red	6	316.1647	316.3247	326.1647	326.3247
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	60	440-460	Red	11				
	50/60	380-415	Red	3				
	>300-500	>50	Green	2				

⁽¹⁾ 3P+N+E= 10/40

⁽²⁾ 3P+N+E= 10/50

Rated operating voltage >50V
- Approvals: from page 561

- Screw terminals
 - Insulation perforating terminals
 - Spring terminals
- More information on page 36



(Δ) Black-coloured
Versions also available in black; just add "K" at the end of the catalogue number. Example 316.1643K

OPTIMA Series



318	SAFE-IN				FAST WIRING		
	16A cable gland 10/40	32A cable gland 10/40	63A cable gland 6/24	125A cable gland 1/8	16A cable gland 10/40	16A cable gland 10/40	32A cable gland 10/40
318.1640 (Δ)	318.3240	318.6340	318.12540	318.1640H	318.1640P (Δ)	318.3240F	
318.1643 (Δ)(Δ)	318.3243 (Δ)	318.6343	318.12543	318.1643H (Δ)	318.1643P (Δ)(Δ)	318.3243F (Δ)	
318.1648	318.3248	318.6348	318.12548	318.1648H	318.1648P	318.3248F	
318.16436	318.32436	318.63436					
318.16433	318.32433	318.63433					
318.16432	318.32432						
318.16434	318.32434	318.63434					
318.16438	318.32438	318.63438					
318.1641	318.3241	318.6341	318.12541				
318.1644	318.3244	318.6344	318.12544	318.1644H	318.1644P	318.3244F	
318.1646 (Δ)	318.3246 (Δ)	318.6346	318.12546	318.1646H (Δ)	318.1646P (Δ)	318.3246F (Δ)	
318.16465	318.32465	318.63465	318.125465				
318.16466	318.32466	318.63466	318.125466				
318.16467	318.32467	318.63467	318.125467				
318.16464	318.32464					318.32464F	
318.16461	318.32461						
318.16462	318.32462						
318.1642	318.3242	318.6342	318.12542				
318.1645	318.3245	318.6345	318.12545				
318.1647 (Δ)	318.3247 (Δ)	318.6347	318.12547	318.1647H (Δ)	318.1647P (Δ)	318.3247F (Δ)	
318.16476	318.32476	318.63476	318.125476				
318.16477	318.32477	318.63477	318.125477				
318.16475	318.32475	318.63475	318.125475				
318.16474	318.32474						
318.16472	318.32472						



(Δ) Transparent grip
Version also available with transparent grip; just add ".TR" at the end of the catalogue number. Example 318.1643.TR

Plugs and sockets for industrial applications >50V



1.1

FLUSH MOUNTING SOCKET OUTLETS - IP44

EUREKA Series



Poles	Hz.	Volt	Colour	h.	ANGLED OUTLET NORMAL FLANGE		STRAIGHT OUTLET REDUCED FLANGE	
					16A 70x87 10/60 ^(*)	32A 84x106 10/40	16A 75x75 10/100	32A 75x75 10/50
2P+E	50/60	100-130	Yellow	4	412.1660	412.3260	422.1660 422.1660(R) ^(*)	422.3260
	50/60	200-250	Blue	6	412.1663	412.3263	422.1663 (A) 422.1663(R) ^(*) (A)	422.3263
	50/60	380-415	Red	9	412.1668	412.3268	422.1668 422.1668(R) ^(*)	422.3268
	50/60	480-500	Grey	7			422.16636	422.32636
	50/60	trasf.	Grey	12			422.16633	422.32633
	>300-500	>50	Green	2			422.16632	422.32632
	c.c.	>50-250	Grey	3			422.16634	422.32634
	c.c.	>250	Grey	8			422.16638	422.32638
3P+E	50/60	100-130	Yellow	4	412.1661	412.3261	422.1661	422.3261
	50/60	200-250	Blue	9	412.1664	412.3264	422.1664	422.3264
	50/60	380-415	Red	6	412.1666	412.3266	422.1666	422.3266
	60	440-460	Red	11			422.16665	422.32665
	50/60	480-500	Grey	7			422.16666	422.32666
	50/60	600-690	Black	5			422.16667	422.32667
	50/60	380-415	Red	3			422.16664	422.32664
	100-300	>50	Green	10			422.16661	422.32661
>300-500	>50	Green	2			422.16662	422.32662	
3P+N+E	50/60	100-130	Yellow	4	412.1662	412.3262	422.1662	422.3262
	50/60	208-250	Blue	9	412.1665	412.3265	422.1665	422.3265
	50/60	346-415	Red	6	412.1667	412.3267	422.1667	422.3267
	50/60	480-500	Grey	7			422.16676	422.32676
	50/60	600-690	Black	5			422.16677	422.32677
	60	440-460	Red	11			422.16675	422.32675
	50/60	380-415	Red	3			422.16674	422.32674
	>300-500	>50	Green	2			422.16672	422.32672

(*) Flange 62x62 mm

EUREKA Series



OPTIMA Series



Poles	Hz.	Volt	Colour	h.	90° ANGLED		SAFE-IN		FAST WIRING		
					16A 70x87 10/60 ^(*)	32A 70x87 10/40	16A 70x87 10/100	32A 84x106 10/50	16A 70x87 10/100	16A 70x87 10/100	32A 84x106 10/50
2P+E	50/60	100-130	Blue	4	452.1660	452.3260	413.1660	413.3260	413.1660H	413.1660F	413.3260F
	50/60	200-250	Blue	6	452.1663	452.3263	413.1663 (M)	413.3263 (M)	413.1663H (M)	413.1663F (M)	413.3263F (M)
	50/60	380-415	Red	9	452.1668	452.3268	413.1668	413.3268	413.1668H	413.1668F	413.3268F
	50/60	480-500	Grey	7	452.16636	452.32636	413.16636	413.32636			
	50/60	trasf.	Grey	12	452.16633	452.32633	413.16633	413.32633			
	>300-500	>50	Green	2	452.16632	452.32632	413.16632	413.32632			
	c.c.	>50-250	Grey	3	452.16634	452.32634	413.16634	413.32634			
	c.c.	>250	Grey	8	452.16638	452.32638	413.16638	413.32638			
3P+E	50/60	100-130	Blue	4	452.1661	452.3261	413.1661	413.3261			
	50/60	200-250	Blue	9	452.1664	452.3264	413.1664	413.3264	413.1664H	413.1664F	413.3264F
	50/60	380-415	Red	6	452.1666	452.3266	413.1666 (M)	413.3266 (M)	413.1666H (M)	413.1666F (M)	413.3266F (M)
	60	440-460	Red	11	452.16665	452.32665	413.16665	413.32665			
	50/60	480-500	Grey	7	452.16666	452.32666	413.16666	413.32666			
	50/60	600-690	Black	5	452.16667	452.32667	413.16667	413.32667			
	50/60	380-415	Red	3	452.16664	452.32664	413.16664	413.32664			
	100-300	>50	Green	10	452.16661	452.32661	413.16661	413.32661			
>300-500	>50	Green	2	452.16662	452.32662	413.16662	413.32662				
3P+N+E	50/60	100-130	Blue	4	452.1662	452.3262	413.1662	413.3262			
	50/60	208-250	Blue	9	452.1665	452.3265	413.1665	413.3265			
	50/60	346-415	Red	6	452.1667	452.3267	413.1667 (M)	413.3267 (M)	413.1667H (M)	413.1667F (M)	413.3267F (M)
	50/60	480-500	Grey	7	452.16676	452.32676	413.16676	413.32676			
	50/60	600-690	Black	5	452.16677	452.32677	413.16677	413.32677			
	60	440-460	Red	11	452.16675	452.32675	413.16675	413.32675			
	50/60	380-415	Red	3	452.16674	452.32674	413.16674	413.32674			
	>300-500	>50	Green	2	452.16672	452.32672	413.16672	413.32672			

(*) 2P+E= 10/100

Rated operating voltage >50V
- Approvals: from page 561

Screw terminals
 Spring terminals
More information on page 36

(A) Black-coloured flange
Versions also available with black flange items 422.1663.K and 422.1663.R.K

(M) Black-coloured
Versions also available in black, just add "K" at the end of the catalogue number.
Example 413.1663.K

(*) Suitable for DOMINO Series (page 137) and BLOCK Series (page 144) consumer units

Accessories
Empty surface mounting boxes page 60

INDUSTRIAL
1
2
3
4



Plugs and sockets for industrial applications >50V



1.1

■ SURFACE MOUNTING SOCKET OUTLETS - IP66/IP67

EUREKA Series

Poles	Hz.	Volt	Colour	h.	417. (*)		427.	
					ANGLED OUTLET NORMAL FLANGE		STRAIGHT OUTLET REDUCED FLANGE	
					16A 70x87 10/100	32A 84x106 10/50	16A 75x75 10/100	32A 75x75 10/50
2P+E	50/60	100-130	Yellow	4	417.1660	417.3260	427.1660	427.3260
	50/60	200-250	Blue	6	417.1663	417.3263	427.1663	427.3263
	50/60	380-415	Red	9	417.1668	417.3268	427.1668	427.3268
	50/60	480-500	Grey	7			427.16636	427.32636
	50/60	trasf.	Grey	12			427.16633	427.32633
	>300-500	>50	Green	2			427.16632	427.32632
	c.c.	>50-250	Grey	3			427.16634	427.32634
	c.c.	>250	Grey	8			427.16638	427.32638
3P+E	50/60	100-130	Yellow	4	417.1661	417.3261	427.1661	427.3261
	50/60	200-250	Blue	9	417.1664	417.3264	427.1664	427.3264
	50/60	380-415	Red	6	417.1666	417.3266	427.1666	427.3266
	60	440-460	Red	11			427.16665	427.32665
	50/60	480-500	Grey	7			427.16666	427.32666
	50/60	600-690	Black	5			427.16667	427.32667
	50/60	380-415	Red	3			427.16664	427.32664
	100-300	>50	Green	10			427.16661	427.32661
>300-500	>50	Green	2			427.16662	427.32662	
3P+N+E	50/60	100-130	Yellow	4	417.1662	417.3262	427.1662	427.3262
	50/60	208-250	Blue	9	417.1665	417.3265	427.1665	427.3265
	50/60	346-415	Red	6	417.1667	417.3267	427.1667	427.3267
	50/60	480-500	Grey	7			427.16676	427.32676
	50/60	600-690	Black	5			427.16677	427.32677
	60	440-460	Red	11			427.16675	427.32675
	50/60	380-415	Red	3			427.16674	427.32674
	>300-500	>50	Green	2			427.16672	427.32672

EUREKA Series

OPTIMA Series

Poles	Hz.	Volt	Colour	h.	457. (*)		418.		415.					
					90° ANGLED		SAFE-IN		FAST WIRING					
					16A 70x87 10/50**	32A 70x87 10/40	16A 70x87 10/100	32A 84x106 10/50	16A 70x87 10/100	16A 70x87 10/100	32A 84x106 10/50	63A 100x110 6/30	125A 114x114 1/10	
2P+E	50/60	100-130	Yellow	4	457.1660	457.3260	418.1660	418.3260	418.1660H	418.1660F	418.3260F	415.6360		
	50/60	200-250	Blue	6	457.1663	457.3263	418.1663	418.3263 (M)	418.1663H (M)	418.1663F (M)	418.3263F (M)	415.6363	415.12563	
	50/60	380-415	Red	9	457.1668	457.3268	418.1668	418.3268	418.1668H	418.1668F	418.3268F	415.6368		
	50/60	480-500	Grey	7	457.16636	457.32636	418.16636	418.32636				415.63636		
	50/60	trasf.	Grey	12	457.16633	457.32633	418.16633	418.32633				415.63633		
	>300-500	>50	Green	2	457.16632	457.32632	418.16632	418.32632						
	c.c.	>50-250	Grey	3	457.16634	457.32634	418.16634	418.32634					415.63634	
	c.c.	>250	Grey	8	457.16638	457.32638	418.16638	418.32638					415.63638	
	3P+E	50/60	100-130	Yellow	4	457.1661	457.3261	418.1661	418.3261				415.6361	415.12561
		50/60	200-250	Blue	9	457.1664	457.3264	418.1664	418.3264	418.1664H	418.1664F	418.3264F	415.6364	415.12564
		50/60	380-415	Red	6	457.1666	457.3266	418.1666	418.3266 (M)	418.1666H (M)	418.1666F (M)	418.3266F (M)	415.6366	415.12566
		60	440-460	Red	11	457.16665	457.32665	418.16665	418.32665				415.63665	415.125665
		50/60	480-500	Grey	7	457.16666	457.32666	418.16666	418.32666				415.63666	415.125666
		50/60	600-690	Black	5	457.16667	457.32667	418.16667	418.32667				415.63667	415.125667
		50/60	380-415	Red	3	457.16664	457.32664	418.16664	418.32664					
		100-300	>50	Green	10	457.16661	457.32661	418.16661	418.32661					
>300-500		>50	Green	2	457.16662	457.32662	418.16662	418.32662						
3P+N+E		50/60	100-130	Yellow	4	457.1662	457.3262	418.1662	418.3262				415.6362	415.12562
		50/60	208-250	Blue	9	457.1665	457.3265	418.1665	418.3265				415.6365	415.12565
		50/60	346-415	Red	6	457.1667	457.3267	418.1667 (M)	418.3267 (M)	418.1667H (M)	418.1667F (M)	418.3267F (M)	415.6367	415.12567
		50/60	480-500	Grey	7	457.16676	457.32676	418.16676	418.32676				415.63676	415.125676
		50/60	600-690	Black	5	457.16677	457.32677	418.16677	418.32677				415.63677	415.125677
		60	440-460	Red	11	457.16675	457.32675	418.16675	418.32675				415.63675	415.125675
		50/60	380-415	Red	3	457.16674	457.32674	418.16674	418.32674					
	>300-500	>50	Green	2	457.16672	457.32672	418.16672	418.32672						

** 2P+E= 10/60

Rated operating voltage >50V
- Approvals: from page 561

Screw terminals
 Spring terminals
More information on page 36



(M) Black-coloured
Versions also available in black; just add "K" at the end of the catalogue number.
Example 418.1663.K



(+) Suitable for DOMINO Series (page 137) and BLOC Series (page 144) consumer units



Accessories
Empty surface mounting boxes page 60

INDUSTRIAL
1
2
3
4



Plugs and sockets for industrial applications >50V

EMPTY SURFACE MOUNTING BOXES - IP67

DOMO Series

Cable Inlet	Suitable for sockets	Flange dim (mm)	Cable Inlet	Ø				
Knockout hole	16A IP44/IP67	70x87	PG16	10	570.0016 (*)	570.0116		
			M20	10	570.M0016 (*)	570.M0116		
			PG21	10	570.0032 (*)	570.0132		
Threaded	32A IP44/IP67	84x106	M25	10	570.M0032 (*)	570.M0132		
			63A IP67	100x110	PG29	6		
					M32	6		
Threaded	125A IP67	114x114	PG48	6				
			M63	6				

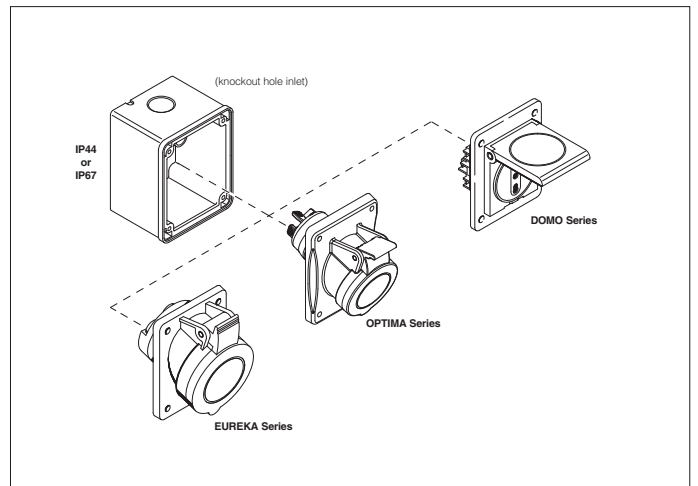


- Supplied with socket fastening screws.
- Screw cap with seal.
(*) Suitable for the sealing caps.

SEALING CAPS

ACCESSORIES

Description	Ø	
Sealing caps (12 pieces)	10/100	654.0080



Plugs and sockets for industrial applications >50V



■ SURFACE MOUNTING SOCKET OUTLETS - IP44

EUREKA Series

522.

512.



STRAIGHT BOX

ANGLED BOX

Poles	Hz.	Volt	Colour	h.	STRAIGHT BOX		ANGLED BOX	
					16A PG 16/M20 10/50	32A PG 21/M25 10/40	16A PG 16/M20 10/50	32A PG 21/M25 10/40
2P+E	50/60	100-130	Yellow	4	522.1650	522.3250	512.1650	512.3250
	50/60	200-250	Blue	6	522.1653	522.3253	512.1653	512.3253
	50/60	380-415	Red	9	522.1658	522.3258	512.1658	512.3258
	50/60	480-500	Grey	7				
	50/60	trasf.	Grey	12				
	>300-500	>50	Green	2				
	c.c.	>50-250	Grey	3				
	c.c.	>250	Grey	8				
3P+E	50/60	100-130	Yellow	4	522.1651	522.3251	512.1651	512.3251
	50/60	200-250	Blue	9	522.1654	522.3254	512.1654	512.3254
	50/60	380-415	Red	6	522.1656	522.3256	512.1656	512.3256
	60	440-460	Red	11				
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	50/60	380-415	Red	3				
	100-300	>50	Green	10				
>300-500	>50	Green	2					
3P+N+E	50/60	100-130	Yellow	4	522.1652	522.3252	512.1652	512.3252
	50/60	208-250	Blue	9	522.1655	522.3255	512.1655	512.3255
	50/60	346-415	Red	6	522.1657	522.3257	512.1657	512.3257
	50/60	480-500	Grey	7				
	50/60	600-690	Black	5				
	60	440-460	Red	11				
	50/60	380-415	Red	3				
	>300-500	>50	Green	2				

OPTIMA-BASE Series

513.

513.



OPTIMA-TOP Series



Poles	Hz.	Volt	Colour	h.	OPTIMA-BASE Series		OPTIMA-TOP Series				
					16A M20/M25 10/40	32A M32 1/10	16A M20/M25 10/40	16A M20/M25 10/40	32A M32 1/10		
2P+E	50/60	100-130	Yellow	4	513.1650	513.3250	513.1650T	513.3250T	513.1650TH	513.1650TF	513.3250TF
	50/60	200-250	Blue	6	513.1653	513.3253	513.1653T	513.3253T	513.1653TH	513.1653TF	513.3253TF
	50/60	380-415	Red	9			513.1658T	513.3258T	513.1658TH	513.1658TF	513.3258TF
	50/60	480-500	Grey	7			513.16536T	513.32536T			
	50/60	trasf.	Grey	12			513.16533T	513.32533T			
	>300-500	>50	Green	2			513.16532T	513.32532T			
	c.c.	>50-250	Grey	3			513.16534T	513.32534T			
	c.c.	>250	Grey	8			513.16538T	513.32538T			
	50/60	100-130	Yellow	4			513.1651T	513.3251T			
	50/60	200-250	Blue	9			513.1654T	513.3254T	513.1654TH	513.1654TF	513.3254TF
	50/60	380-415	Red	6			513.1656T	513.3256T	513.1656TH	513.1656TF	513.3256TF
	60	440-460	Red	11			513.16565T	513.32565T			
3P+E	50/60	480-500	Grey	7			513.16566T	513.32566T			
	50/60	600-690	Black	5			513.16567T	513.32567T			
	50/60	380-415	Red	3			513.16564T	513.32564T			
	100-300	>50	Green	10			513.16561T	513.32561T			
	>300-500	>50	Green	2			513.16562T	513.32562T			
	50/60	100-130	Yellow	4			513.1652T	513.3252T			
	50/60	208-250	Blue	9			513.1655T	513.3255T			
	50/60	346-415	Red	6			513.1657T	513.3257T	513.1657TH	513.1657TF	513.3257TF
	50/60	480-500	Grey	7			513.16576T	513.32576T			
	50/60	600-690	Black	5			513.16577T	513.32577T			
	60	440-460	Red	11			513.16575T	513.32575T			
	50/60	380-415	Red	3			513.16574T	513.32574T			
>300-500	>50	Green	2			513.16572T	513.32572T				

Rated operating voltage >50V
- Approvals: from page 561

⚙️ Screw terminals
🌀 Spring terminals

More information on page 36

📏 Versions also available in a metric cable inlet.
For ordering add M after the first three digits
Example: 522M1650

OPTIMA-BASE Series and OPTIMA-TOP Series IP44:
standard supply cable sleeve






























Plugs and sockets for industrial applications >50V



1.1

■ SURFACE MOUNTING SOCKET OUTLETS - IP66/IP67

EUREKA Series

					527. 		517. 	
					STRAIGHT BOX		ANGLED BOX	
					16A	32A	16A	32A
					PG16/M20 10/50	PG21/M25 10/40	PG16/M20 10/50 ^M	PG21/M25 10/40
Poles	Hz.	Volt	Colour	h.				
2P+E	50/60	100-130		4	527.1650	527.3250	517.1650	517.3250
	50/60	200-250		6	527.1653	527.3253	517.1653	517.3253
	50/60	380-415		9	527.1658	527.3258	517.1658	517.3258
	50/60	480-500		7				
	50/60	trasf.		12				
	>300-500	>50		2				
	c.c.	>50-250		3				
	c.c.	>250		8				
3P+E	50/60	100-130		4	527.1651	527.3251	517.1651	517.3251
	50/60	200-250		9	527.1654	527.3254	517.1654	517.3254
	50/60	380-415		6	527.1656	527.3256	517.1656	517.3256
	60	440-460		11				
	50/60	480-500		7				
	50/60	600-690		5				
	50/60	380-415		3				
	100-300	>50		10				
>300-500	>50		2					
3P+N+E	50/60	100-130		4	527.1652	527.3252	517.1652	517.3252
	50/60	208-250		9	527.1655	527.3255	517.1655	517.3255
	50/60	346-415		6	527.1657	527.3257	517.1657	517.3257
	50/60	480-500		7				
	50/60	600-690		5				
	60	440-460		11				
	50/60	380-415		3				
	>300-500	>50		2				

^M 3P+N+E= 10/40

Rated operating voltage >50V
- Approvals: from page 561

 Screw terminals




























 Spring terminals

More information on page 36

 Versions also available in a metric cable inlet.
For ordering add M after the first three digits
Example: 522.M1650

OPTIMA-TOP Series

OPTIMA Series

					518. 		515. 			
					SAFE-IN		FAST WIRING			
					16A	32A	16A	32A		
					M20/M25 10/40	M32 1/10	M20/M25 10/40	M32 1/10		
Poles	Hz.	Volt	Colour	h.						
2P+E	50/60	100-130		4	518.1650T	518.3250T	518.1650TH	518.1650TF	518.3250TF	515.6350
	50/60	200-250		6	518.1653T	518.3253T	518.1653TH	518.1653TF	518.3253TF	515.6353
	50/60	380-415		9	518.1658T	518.3258T	518.1658TH	518.1658TF	518.3258TF	515.6358
	50/60	480-500		7	518.16536T	518.32536T				515.63536
	50/60	trasf.		12	518.16533T	518.32533T				515.63533
	>300-500	>50		2	518.16532T	518.32532T				
	c.c.	>50-250		3	518.16534T	518.32534T				515.63534
	c.c.	>250		8	518.16538T	518.32538T				515.63538
	50/60	100-130		4	518.1651T	518.3251T				515.6351
	50/60	200-250		9	518.1654T	518.3254T	518.1654TH	518.1654TF	518.3254TF	515.6354
	50/60	380-415		6	518.1656T	518.3256T	518.1656TH	518.1656TF	518.3256TF	515.6356
	60	440-460		11	518.16565T	518.32565T				515.63565
	50/60	480-500		7	518.16566T	518.32566T				515.63566
	50/60	600-690		5	518.16567T	518.32567T				515.63567
	50/60	380-415		3	518.16564T	518.32564T			518.32564TF	
	100-300	>50		10	518.16561T	518.32561T				
	>300-500	>50		2	518.16562T	518.32562T				
	50/60	100-130		4	518.1652T	518.3252T				515.6352
	50/60	208-250		9	518.1655T	518.3255T				515.6355
	50/60	346-415		6	518.1657T	518.3257T	518.1657TH	518.1657TF	518.3257TF	515.6357
50/60	480-500		7	518.16576T	518.32576T				515.63576	
50/60	600-690		5	518.16577T	518.32577T				515.63577	
60	440-460		11	518.16575T	518.32575T				515.63575	
50/60	380-415		3	518.16574T	518.32574T					
>300-500	>50		2	518.16572T	518.32572T					

Plugs and sockets for industrial applications >50V

■ SURFACE MOUNTING SOCKET OUTLETS - IP44 (WITHOUT PROTECTION)

OPTIMA-COMBI Series

Industrial sockets	Poles	Volt	Colour	h	↳	⊕	⊖	⊕
16A	2P+E	200-250	Blue	6	1/10	513.1653-PN	513.1653-BN	513.1653-FN
	3P+E	380-415	Red	6	1/10	513.1656-PN	513.1656-BN	513.1656-FN
	3P+N+E	346-415	Red	6	1/10	513.1657-PN	513.1657-BN	513.1657-FN

- Standard supply cable sleeve
 (*) 13A sockets with standard supplied 10A fuse protection

⊕	⊖	⊕
513.1653-LN	513.1653-DN	513.1653-SN
513.1656-LN	513.1656-DN	513.1656-SN
513.1657-LN	513.1657-DN	513.1657-SN



OPTIMA-COMBI Series: combined versions, industrial and household socket.

■ SURFACE MOUNTING SOCKET OUTLETS - IP44 (WITH PROTECTION: FUSE)

OPTIMA-COMBI Series

Industrial sockets	Poles	Volt	Colour	h	↳	⊕	⊖	⊕
32A	2P+E	200-250	Blue	6	1/10	513.3253-PF	513.3253-BF	513.3253-FF
	3P+E	380-415	Red	6	1/10	513.3256-PF	513.3256-BF	513.3256-FF
	3P+N+E	346-415	Red	6	1/10	513.3257-PF	513.3257-BF	513.3257-FF

- Household sockets protected by standard supplied 10A fuse.
 - Standard supply cable sleeve.

⊕	⊖	⊕
513.3253-LF	513.3253-DF	513.3253-SF
513.3256-LF	513.3256-DF	513.3256-SF
513.3257-LF	513.3257-DF	513.3257-SF

■ ACCESSORIES

ACCESSORIES



Description	↳	↳
Entry-exit terminal board for TOP version - 5 poles 6mm ²	10/100	654.0382
Threaded cable sleeve	M20 100/1000	805.5020
	M25 100/1000	805.5025
IP55	M32 100/1000	805.5032

	ITALIAN STANDARD P30 - 16A Shuttered socket CEI 23-50
	PLURISTANDARD 16A Shuttered socket
	FRENCH STANDARD 16A Shuttered socket
	BRITISH STANDARD 13A Shuttered socket BS 1363-2
	GERMAN STANDARD 16A Unshuttered socket
	SWISS STANDARD 10A Unshuttered socket SEV 1011:1998


Industrial plugs and sockets <50V

PLUGS AND SOCKETS <50V

IEC309 Series

Poles	Hz.	Volt	Colour	h.	230. IP44		235. IP66/IP67		330. IP44		335. IP66/IP67	
					16A 10/100	32A 10/100	16A 10/100	32A 10/100	16A 10/100	32A 10/100	16A 10/100	32A 10/100
2P	50/60	20-25		-	230.1600	230.3200	235.1600	235.3200	330.1605	330.3205	335.1605	335.3205
	50/60	40-50		12	230.1601	230.3201	235.1601	235.3201	330.1606	330.3206	335.1606	335.3206
	100-200	20-25 40-50		4	230.16010	230.32010	235.16010	235.32010	330.16060	330.32060	335.16060	335.32060
	300	20-25 40-50		2	230.16012	230.32012	235.16012	235.32012	330.16062	330.32062	335.16062	335.32062
	400	20-25 40-50		3	230.16014	230.32014	235.16014	235.32014	330.16064	330.32064	335.16064	335.32064
	>400-500	20-25 40-50		11	230.16015	230.32015	235.16015	235.32015	330.16065	330.32065	335.16065	335.32065
3P	c.c.	20-25 40-50		10	230.1602	230.3202	235.1602	235.3202	330.1607	330.3207	335.1607	335.3207
	50/60	20-25		-	230.1604	230.3204	235.1604	235.3204	330.1609	330.3209	335.1609	335.3209
	50/60	40-50		12	230.1603	230.3203	235.1603	235.3203	330.1608	330.3208	335.1608	335.3208
	100-200	20-25 40-50		4	230.16030	230.32030	235.16030	235.32030	330.16080	330.32080	335.16080	335.32080
	300	20-25 40-50		2	230.16032	230.32032	235.16032	235.32032	330.16082	330.32082	335.16082	335.32082
	400	20-25 40-50		3	230.16034	230.32034	235.16034	235.32034	330.16084	330.32084	335.16084	335.32084
>400-500	20-25 40-50		11	230.16035	230.32035	235.16035	235.32035	330.16085	330.32085	335.16085	335.32085	





Rated operating voltage <50V
- Approvals: from page 561

 Screw terminals
Plus d'informations page 36


Industrial plugs and sockets <50V

FLUSH MOUNTING SOCKET OUTLETS <50V

IEC309 Series

		430.		435.		430.		435.	
									
		IP44 - ANGLED STANDARD FLANGE		IP66/IP67 - ANGLED STANDARD FLANGE		IP44 - STRAIGHT REDUCED-FLANGE		IP66/IP67 - STRAIGHT REDUCED-FLANGE	
		16A 70x87 10/100		32A 70x87 10/100		16A 55x55 10/100		32A 55x55 10/100	
Poles	Hz.	Volt	Colour	h.	430.16A	430.32A	435.16A	435.32A	435.3215/R
2P	50/60	20-25	-	-	430.1615	430.3215	435.1615	435.3215	430.1615/R
	50/60	40-50	White	12	430.1616	430.3216	435.1616	435.3216	430.1616/R
	100-200	20-25 40-50	Green	4	430.16160	430.32160	435.16160	435.32160	430.16160/R
	300	20-25 40-50	Green	2	430.16162	430.32162	435.16162	435.32162	430.16162/R
	400	20-25 40-50	Green	3	430.16164	430.32164	435.16164	435.32164	430.16164/R
	>400-500	20-25 40-50	Green	11	430.16165	430.32165	435.16165	435.32165	430.16165/R
3P	c.c.	20-25 40-50	White	10	430.1617	430.3217	435.1617	435.3217	430.1617/R
	50/60	20-25	-	-	430.1619	430.3219	435.1619	435.3219	430.1619/R
	50/60	40-50	White	12	430.1618	430.3218	435.1618	435.3218	430.1618/R
	100-200	20-25 40-50	Green	4	430.16180	430.32180	435.16180	435.32180	430.16180/R
	300	20-25 40-50	Green	2	430.16182	430.32182	435.16182	435.32182	430.16182/R
	400	20-25 40-50	Green	3	430.16184	430.32184	435.16184	435.32184	430.16184/R
>400-500	20-25 40-50	Green	11	430.16185	430.32185	435.16185	435.32185	430.16185/R	

Rated operating voltage <50V
- Approvals: from page 561

 Screw terminals
Plus d'informations page 36

Industrial plugs and sockets <50V

■ SURFACE MOUNTING SOCKET OUTLETS <50V

IEC309 Series

Poles	Hz.	Volt	Colour	h.	530. ■ IP44 ANGLED BOX				535. ■ IP66/IP67 ANGLED BOX				530. ■ IP44 STRAIGHT BOX				535. ■ IP66/IP67 STRAIGHT BOX			
					16A		32A		16A		32A		16A		32A		16A		32A	
					PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50	PG 16/M20 10/50
2P	50/60	20-25	■	-	530.01610	530.03210	535.01610	535.03210	530.1610	530.3210	535.1610	535.3210	530.1611	530.3211	535.1611	535.3211				
	50/60	40-50	□	12	530.01611	530.03211	535.01611	535.03211	530.1611	530.3211	535.1611	535.3211	530.1611	530.3211	535.1611	535.3211				
	100-200	20-25 40-50	■	4	530.016110	530.032110	535.016110	535.032110	530.16110	530.32110	535.16110	535.32110	530.16110	530.32110	535.16110	535.32110				
	300	20-25 40-50	■	2	530.016112	530.032112	535.016112	535.032112	530.16112	530.32112	535.16112	535.32112	530.16112	530.32112	535.16112	535.32112				
	400	20-25 40-50	■	3	530.016114	530.032114	535.016114	535.032114	530.16114	530.32114	535.16114	535.32114	530.16114	530.32114	535.16114	535.32114				
	>400-500	20-25 40-50	■	11	530.016115	530.032115	535.016115	535.032115	530.16115	530.32115	535.16115	535.32115	530.16115	530.32115	535.16115	535.32115				
c.c.	20-25 40-50	□	10	530.01612	530.03212	535.01612	535.03212	530.1612	530.3212	535.1612	535.3212	530.1612	530.3212	535.1612	535.3212					
3P	50/60	20-25	■	-	530.01614	530.03214	535.01614	535.03214	530.1614	530.3214	535.1614	535.3214	530.1613	530.3213	535.1613	535.3213				
	50/60	40-50	□	12	530.01613	530.03213	535.01613	535.03213	530.1613	530.3213	535.1613	535.3213	530.1613	530.3213	535.1613	535.3213				
	100-200	20-25 40-50	■	4	530.016130	530.032130	535.016130	535.032130	530.16130	530.32130	535.16130	535.32130	530.16130	530.32130	535.16130	535.32130				
	300	20-25 40-50	■	2	530.016132	530.032132	535.016132	535.032132	530.16132	530.32132	535.16132	535.32132	530.16132	530.32132	535.16132	535.32132				
	400	20-25 40-50	■	3	530.016134	530.032134	535.016134	535.032134	530.16134	530.32134	535.16134	535.32134	530.16134	530.32134	535.16134	535.32134				
	>400-500	20-25 40-50	■	11	530.016135	530.032135	535.016135	535.032135	530.16135	530.32135	535.16135	535.32135	530.16135	530.32135	535.16135	535.32135				

Rated operating voltage <50V
 - Approvals: from page 561
 - With gasket, 4 screw kit, enclosure with knockout entrance

Screw terminals
 Plus d'informations page 36

■ The surface mounting socket outlets illustrated on this two pages, are also available in a metric cable inlet. For ordering add. M after the first three digits. Example: 535.M01610

Industrial plugs and sockets - II Series UL ratings



PLUGS AND SOCKETS - 20A

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	4h	125	SCM320P4W	SCM320C4W	.57-.71	SCM320R4W	SCM320B4W
2P 3W	⊕	⊕	6h	250	SCM320P6W	SCM320C6W	.57-.71	SCM320R6W	SCM320B6W
2P 3W	⊕	⊕	5h	277	SCM320P5W	SCM320C5W	.57-.71	SCM320R5W	SCM320B5W
2P 3W	⊕	⊕	7h	480	SCM320P7W	SCM320C7W	.57-.71	SCM320R7W	SCM320B7W
3P 4W	⊕	⊕	12h	125/250	SCM420P12W	SCM420C12W	.57-.71	SCM420R12W	SCM420B12W
3P 4W	⊕	⊕	9h	30/250	SCM420P9W	SCM420C9W	.57-.71	SCM420R9W	SCM420B9W
3P 4W	⊕	⊕	7h	30/480	SCM420P7W	SCM420C7W	.57-.71	SCM420R7W	SCM420B7W
3P 4W	⊕	⊕	5h	30/600	SCM420P5W	SCM420C5W	.57-.71	SCM420R5W	SCM420B5W
4P 5W	⊕	⊕	9h	30Y120/208	SCM520P9W	SCM520C9W	.57-.71	SCM520R9W	SCM520B9W
4P 5W	⊕	⊕	7h	30Y277/480	SCM520P7W	SCM520C7W	.57-.71	SCM520R7W	SCM520B7W
4P 5W	⊕	⊕	5h	30Y347/600	SCM520P5W	SCM520C5W	.57-.71	SCM520R5W	SCM520B5W

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	4h	125	SCM320P4S	SCM320C4S	.57-.71	SCM320R4S	SCM320B4S
2P 3W	⊕	⊕	6h	250	SCM320P6S	SCM320C6S	.57-.71	SCM320R6S	SCM320B6S
2P 3W	⊕	⊕	5h	277	SCM320P5S	SCM320C5S	.57-.71	SCM320R5S	SCM320B5S
3P 4W	⊕	⊕	12h	125/250	SCM420P12S	SCM420C12S	.57-.71	SCM420R12S	SCM420B12S
3P 4W	⊕	⊕	9h	3ph.250	SCM420P9S	SCM420C9S	.57-.71	SCM420R9S	SCM420B9S
4P 5W*	⊕	⊕	9h	3ph.120/208	SCM520P9S	SCM520C9S	.57-.71	SCM520R9S	SCM520B9S

(1) Can be used with T&B Russellstoll JB series back boxes.

Rated operating voltage >50V
UL Listed E238171, E238172.
UL Classified E238170.
- Approvals: from page 561

Screw terminals
Plus d'informations page 36

PLUGS AND SOCKETS - 30A

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	4h	125	SCM330P4W	SCM330C4W	.675-.91	SCM330R4W	SCM330B4W
2P 3W	⊕	⊕	6h	250	SCM330P6W	SCM330C6W	.675-.91	SCM330R6W	SCM330B6W
2P 3W	⊕	⊕	7h	480	SCM330P7W	SCM330C7W	.675-.91	SCM330R7W	SCM330B7W
3P 4W	⊕	⊕	12h	125/250	SCM430P12W	SCM430C12W	.675-.91	SCM430R12W	SCM430B12W
3P 4W	⊕	⊕	9h	30/250	SCM430P9W	SCM430C9W	.675-.91	SCM430R9W	SCM430B9W
3P 4W	⊕	⊕	7h	30/480	SCM430P7W	SCM430C7W	.675-.91	SCM430R7W	SCM430B7W
3P 4W	⊕	⊕	5h	30/600	SCM430P5W	SCM430C5W	.675-.91	SCM430R5W	SCM430B5W
4P 5W	⊕	⊕	9h	30Y120/208	SCM530P9W	SCM530C9W	.675-.91	SCM530R9W	SCM530B9W
4P 5W	⊕	⊕	7h	30Y277/480	SCM530P7W	SCM530C7W	.675-.91	SCM530R7W	SCM530B7W
4P 5W	⊕	⊕	5h	30Y347/600	SCM530P5W	SCM530C5W	.675-.91	SCM530R5W	SCM530B5W

Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	4h	125	SCM330P4S	SCM330C4S	.675-.91	SCM330R4S	SCM330B4S
2P 3W	⊕	⊕	6h	250	SCM330P6S	SCM330C6S	.675-.91	SCM330R6S	SCM330B6S
2P 3W	⊕	⊕	5h	277	SCM330P5S	SCM330C5S	.675-.91	SCM330R5S	SCM330B5S
3P 4W	⊕	⊕	12h	125/250	SCM430P12S	SCM430C12S	.675-.91	SCM430R12S	SCM430B12S
3P 4W	⊕	⊕	9h	3ph.250	SCM430P9S	SCM430C9S	.675-.91	SCM430R9S	SCM430B9S
4P 5W	⊕	⊕	9h	3ph.120/208	SCM530P9S	SCM530C9S	.675-.91	SCM530R9S	SCM530B9S

(1) Can be used with T&B Russellstoll JB series back boxes.

Back box enclosures
IP66/IP67 page 77

Accessories
Plugs cover page 51



Industrial plugs and sockets - II Series UL ratings



PLUGS AND SOCKETS - 60A

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	4h	125	SCM360P4W	SCM360C4W	.937-1.375	SCM360R4W	SCM360B4W
2P 3W	⊕	⊕	6h	250	SCM360P6W	SCM360C6W	.937-1.375	SCM360R6W	SCM360B6W
2P 3W	⊕	⊕	5h	277	SCM360P5W	SCM360C5W	.937-1.375	SCM360R5W	SCM360B5W
2P 3W	⊕	⊕	7h	480	SCM360P7W	SCM360C7W	.937-1.375	SCM360R7W	SCM360B7W
2P 3W	⊕	⊕	3h	250DC	SCM360P3W	SCM360C3W	.937-1.375	SCM360R3W	SCM360B3W
3P 4W	⊕	⊕	12h	125/250	SCM460P12W	SCM460C12W	.937-1.375	SCM460R12W	SCM460B12W
3P 4W	⊕	⊕	9h	30250	SCM460P9W	SCM460C9W	.937-1.375	SCM460R9W	SCM460B9W
3P 4W	⊕	⊕	7h	30480	SCM460P7W	SCM460C7W	.937-1.375	SCM460R7W	SCM460B7W
3P 4W	⊕	⊕	5h	30800	SCM460P5W	SCM460C5W	.937-1.375	SCM460R5W	SCM460B5W
4P 5W	⊕	⊕	9h	30Y120/208	SCM560P9W	SCM560C9W	.937-1.375	SCM560R9W	SCM560B9W
4P 5W	⊕	⊕	7h	30Y277/480	SCM560P7W	SCM560C7W	.937-1.375	SCM560R7W	SCM560B7W
4P 5W	⊕	⊕	5h	30Y347/600	SCM560P5W	SCM560C5W	.937-1.375	SCM560R5W	SCM560B5W

(1) Can be used with T&B Russellstoll JB series back boxes.

PLUGS AND SOCKETS - 100A

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
2P 3W	⊕	⊕	6h	250	SCM3100P6W	*	1.2650-1.790	*	*
2P 3W	⊕	⊕	7h	480	*	*	1.2650-1.790	*	*
3P 4W	⊕	⊕	12h	125/250	SCM4100P12W	SCM4100C12W	1.2650-1.790	SCM4100R12W	SCM4100B12W
3P 4W	⊕	⊕	9h	30250	SCM4100P9W	SCM4100C9W	1.2650-1.790	SCM4100R9W	SCM4100B9W
3P 4W	⊕	⊕	7h	30480	SCM4100P7W	SCM4100C7W	1.2650-1.790	SCM4100R7W	SCM4100B7W
3P 4W	⊕	⊕	5h	30600	SCM4100P5W	SCM4100C5W	1.2650-1.790	SCM4100R5W	SCM4100B5W
4P 5W	⊕	⊕	9h	30Y120/208	SCM5100P9W	SCM5100C9W	1.2650-1.790	SCM5100R9W	SCM5100B9W
4P 5W	⊕	⊕	7h	30Y277/480	SCM5100P7W	SCM5100C7W	1.2650-1.790	SCM5100R7W	SCM5100B7W
4P 5W	⊕	⊕	5h	30Y347/600	SCM5100P5W	SCM5100C5W	1.2650-1.790	SCM5100R5W	SCM5100B5W

(1) Can be used with T&B Russellstoll JB series back boxes.

BACK BOX ENCLOSURES - IP66/IP67

Description	Receptable	Inlet	⌀	
Size 1 (small)	16/20A - 32/30A	-	1/10	SCMBB01
Size 2 (medium)	63/60A	16/20A - 32/30A - 63/60A	1/10	SCMBB02
Size 3 (large)	125/100A	125/100A	1/5	SCMBB03

Rated operating voltage >50V
UL Listed E238171, E238172.
UL Classified E238170.
- Approvals: from page 561

Screw terminals
Plus d'informations page 36

Accessories
Plugs cover page 51

Industrial plugs and sockets - I Series International ratings



1.1

PLUGS AND SOCKETS - IP44

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
16A									
2P 3W	⊕	⊕	4h	110V	SCM316P4S	SCM316C4S	.57-.71	SCM316R4S	SCM316B4S
2P 3W	⊕	⊕	6h	250V	SCM316P6S	SCM316C6S	.57-.71	SCM316R6S	SCM316B6S
3P 4W	⊕	⊕	6h	380-415V	SCM416P6S	SCM416C6S	.57-.71	SCM416R6S	SCM416B6S
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM516P6S	SCM516C6S	.57-.71	SCM516R6S	
32A									
2P 3W	⊕	⊕	4h	110V	SCM332P4S	SCM332C4S	.675-.91	SCM332R4S	SCM332B4S
2P 3W	⊕	⊕	6h	250V	SCM332P6S	SCM332C6S	.675-.91	SCM332R6S	SCM332B6S
3P 4W	⊕	⊕	6h	380-415V	SCM432P6S	SCM432C6S	.675-.91	SCM432R6S	SCM432B6S
3P 4W	⊕	⊕	3h	380-440V	Special Application - Contact Tech Support				
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM532P6S	SCM532C6S	.675-.91	SCM532R6S	SCM532B6S

(1) Can be used with T&B Russellstoll JB series back boxes.

PLUGS AND SOCKETS - IP67

EUREKA-HD Series



Poles & Wires	Configuration			Voltage/ Colour Coding	Plug	Connector	Cable O.D. Range Inches	Receptable	Inlet
	Receptable/ Connector	Plug/Inlet	Clock position						
16A									
2P 3W	⊕	⊕	4h	110V	SCM316P4W	SCM316C4W	.57-.71	SCM316R4W	SCM316B4W
2P 3W	⊕	⊕	6h	250V	SCM316P6W	SCM316C6W	.57-.71	SCM316R6W	SCM316B6W
3P 4W	⊕	⊕	6h	380-415V	SCM416P6W	SCM416C6W	.57-.71	SCM416R6W	SCM416B6W
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM516P6W	SCM516C6W	.57-.71	SCM516R6W	SCM516B6W
32A									
2P 3W	⊕	⊕	4h	110V	SCM332P4W	SCM332C4W	.675-.91	SCM332R4W	SCM332B4W
2P 3W	⊕	⊕	6h	250V	SCM332P6W	SCM332C6W	.675-.91	SCM332R6W	SCM332B6W
3P 4W	⊕	⊕	6h	380-415V	SCM432P6W	SCM432C6W	.675-.91	SCM432R6W	SCM432B6W
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM532P6W	SCM532C6W	.675-.91	SCM532R6W	SCM532B6W
63A									
2P 3W	⊕	⊕	6h	250V	SCM363P6W	SCM363C6W	.937-1.375	SCM363R6W	SCM363B6W
3P 4W	⊕	⊕	6h	380-415V	SCM463P6W	SCM463C6W	.937-1.375	SCM463R6W	SCM463B6W
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM563P6W	SCM563C6W	.937-1.375	SCM563R6W	SCM563B6W
125A									
2P 3W**	⊕	⊕	6h	250V	SCM3125P6W	SCM3125C6W	1.265-1.790	SCM3125R6W	SCM3125B6W
3P 4W	⊕	⊕	6h	380-415V	SCM4125P6W	SCM4125C6W	1.265-1.790	SCM4125R6W	SCM4125B6W
4P 5W	⊕	⊕	6h	220-240/ 380-415V	SCM5125P6W	SCM5125C6W	1.265-1.790	SCM5125R6W	SCM5125B6W

(1) Can be used with T&B Russellstoll JB series back boxes.

Rated operating voltage $\leq 50V$
UL Classified E28170
- Approvals: from page 561

Screw terminals
Plus d'informations page 36



Back box enclosure
IP66/IP67 page 77



Accessories
Plugs cover
page 51

INDUSTRIAL 1 2 3 4



Sockets for domestic applications

FLUSH AND SURFACE MOUNTING DOMESTIC STANDARD SOCKETS

DOMO Series - IP54

Standard	Description	DOMO Series - IP54			
		70x87 - PG16	70x87 - M20	50x60	70x87
Italian Standard	Italian (P17/11) 16A 2P+E	570.4171	570.M4171	570.2071	570.4071
	Italian (P30) 16A 2P+E	570.4181	570.M4181	570.2081	570.4081
	Pluristandard 16A 2P+E	570.4151	570.M4151		570.4051
International Standard	French 16A 2P+E	570.4191	570.M4191	570.2091	570.4091
	German Unshuttered 16A 2P+E	570.4161	570.M4161	570.2061	570.4061
	German Shuttered 16A 2P+E				
	British 13A 2P+E	570.4141	570.M4141	570.2041	570.4041
	British 15A 2P+E				
	British 15A 2P+E			570.2093	570.4093
	New Zealand 10A 2P+E				
	Swiss 10A 2P+E				
	South African 16A 2P+E				
	Brazilian 10A 2P+E	570.4192	570.M4192	570.2092	570.4092
	Indian 6/16A 2P+E				
Data	Data RJ45 cat. 5E				

DOMOPLUS Series - IP66

DOMOPLUS Series - IP66	OMNIPLUS Series - IP56				
	70x87	136x125 WITHOUT PROTECTION	136x125 FUSE 6.3X32	136x125 MCB	136x125 RCBO
10/100					
1/6					
570.6403	409.0403	409.1403	409.2403	409.3403	
570.6404	409.0404	409.1404	409.2404	409.3404	
570.6405	409.0405	409.1405	409.2405	409.3405	
570.6411	409.0411	409.1411	409.2411	409.3411	
	409.0412	409.1412	409.2412	409.3412	
570.6407	409.0407	409.1407	409.2407	409.3407	
570.6413	409.0413	409.1413	409.2413	409.3413	
570.6414					
570.6424	409.0424	409.1424	409.2424 (*)	409.3424 (*)	
570.6427	409.0427	409.1427	409.2427	409.3427	
570.6417	409.0417	409.1417	409.2417	409.3417	
570.6428	409.0428	409.1428	409.2428	409.3428	
570.6421					
570.6429	409.0429	409.1429	409.2429	409.3429	
570.6481.50					

DOMOPLUS Series domestic standard sockets IP66 with plug inserted



BS SOCKET OUTLET - IP66

DOMO Series

Description	Socket outlet		
Switched socket-outlet (13A)	British standard 2P+E 13A 250V-	1/12	570.7180

ITALIAN STANDARD P17/11-16A Shuttered socket CEI 23-50	ITALIAN STANDARD P30-16A Shuttered socket CEI 23-50	PLURISTANDARD 16A Shuttered socket	FRENCH STANDARD 16A Shuttered socket	GERMAN STANDARD 16A Shuttered socket BS 1363-2	BRITISH STANDARD SOCKET 13A Shuttered socket BS 1363-2	BRITISH STANDARD SOCKET 16A Shuttered socket BS 546
--	---	---------------------------------------	---	--	--	---

ARGENTINIAN STANDARD 10A Unshuttered socket IRAM 2071	NEW ZEALAND STANDARD 10A Unshuttered socket ASN25 3112	SWISS STANDARD 10A Unshuttered socket SEV 1011:1998	SOUTH AFRICAN STANDARD 16A Shuttered socket SANS 164-1 (2006)	BRAZILIAN STANDARD 10A Unshuttered socket ABNT NBR 14136:2002	INDIAN STANDARD 6/16A Shuttered socket IS 1293:1988	RJ45 Cat.5E
---	--	---	---	---	---	-------------

Sockets for domestic applications

EMPTY SURFACE MOUNTING BOXES FLANGE 70x87 - IP67

DOMO Series

Outlet	Cable Inlet	Flange dim (mm)	Cable Inlet	⌘	
Straight box	Knockout hole	70x87	PG16	10	570.0016 (*)
			M20	10	570.M0016 (*)
Angled	Knockout hole	70x87	PG16	10	570.0116
			M20	10	570.M0116

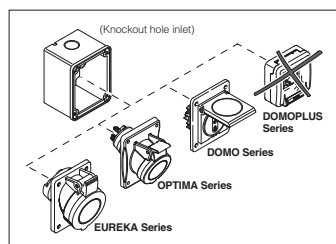
- Supplied with socket fastening screws.
- Screw cap with seal.
(*) Suitable for the sealing caps

SEALING CAPS

ACCESSORIES

Description	⌘	
Sealing caps (12 pieces)	10/100	654.0080

Boxes flange 70x87



EMPTY BOXES FLANGE 136x125

OMNIA System

Description	⌘		
Surface mounting box IP67	PG Cable inlet	6	572.0310
	METRIC Cable inlet	6	572.M0310
Flush mounting box IP55		6	572.0200
Flame complete with gasket		6	572.0220

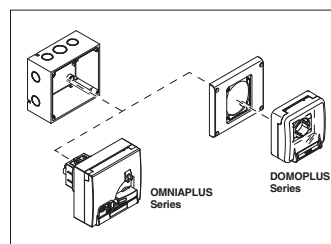
ACCESSORIES

DOMOPLUS Series

Description	Characteristics	⌘	
2 gang enclosure IP66	Tilting	1/12	570.6001
Gasket		10	137.202

- Empty enclosure
- Accepts inserts (sockets) EVOLUTION Series 1 / 2 gangs

Boxes flange 136x125

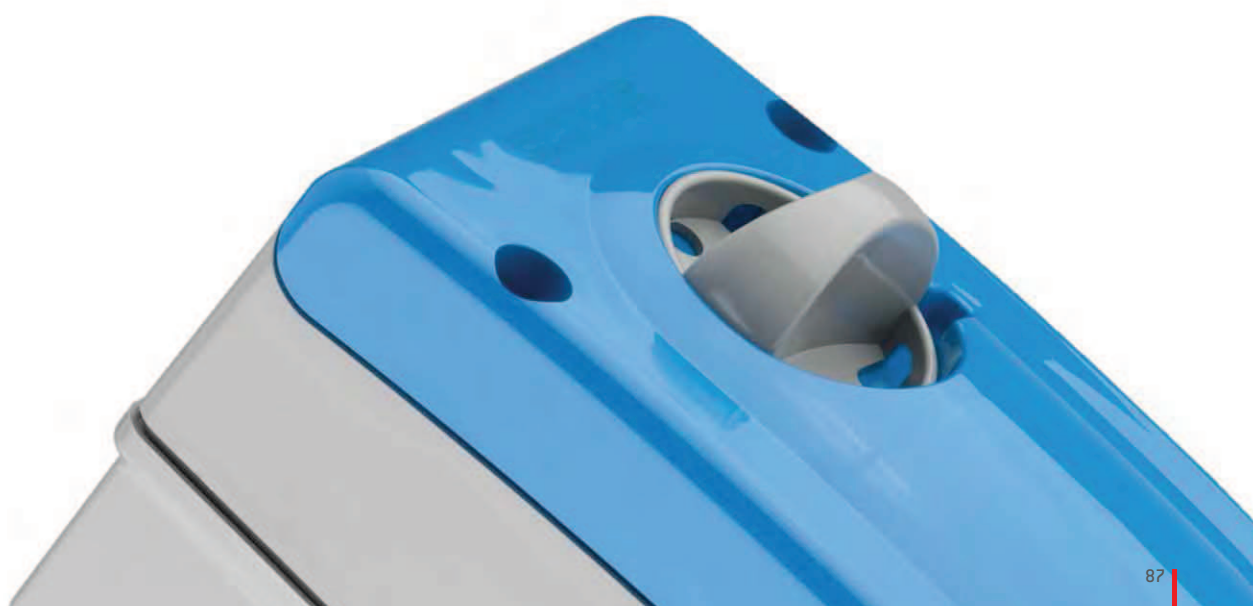




1.2












Switched socket outlets with interlock

- OMNIA Series
- OMNIAPLUS Series
- ADVANCE2 Series
- ADVANCE-GRP Series
- OMNIA System
- ADVANCE2 System
- ADVANCE-GRP System



Switched socket outlets with interlock

INDUSTRIAL
1
2
3
4

		IP44			
		> 50V		< 50V	
		OMNIA Series	ADVANCE2 Series	OMNIA Series	ADVANCE2 Series
Flush mounting	With fuse holder	 page 92			
	Without fuse holder	 page 92		 page 96	
Without base	With fuse holder				
	Without fuse holder				
Surface mounting	With fuse holder	 page 94	 page 102		
	Without fuse holder	 page 94	 page 102	 page 97	 page 182
	With DIN RAIL (6 modules)		 page 103		 page 183

		IP66/IP67					
		> 50V			< 50V		
		OMNIA Series	ADVANCE2 Series	ADVANCE GRP Series	OMNIA Series	ADVANCE2 Series	ADVANCE GRP Series
Flush mounting	With fuse holder	 page 93					
	Without fuse holder	 page 93			 page 96		
Without base	With fuse holder			 page 116			 page 120
	Without fuse holder			 page 114			
Surface mounting	With fuse holder	 page 95	 page 105	 page 118			 page 121
	Without fuse holder	 page 95	 page 104	 page 118	 page 97	 page 108-109	
	With DIN RAIL (6 modules)		 page 107			 page 109	

Navigation icons: Home, Search, Back, Forward, Refresh, Print, Download, etc.

OMNIPLUS System Interlocked socket for domestic use



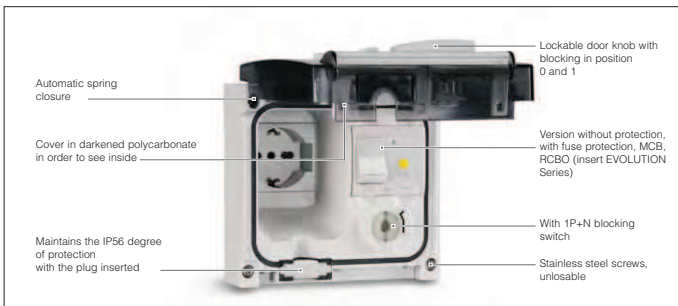
FLUSH MOUNTING - IP56

OMNIPLUS Series



Standard			WITHOUT PROTECTION	FUSE 6.3x32	MCB	RCBO
Italian P17/11	16A - 2P+E	1/6	409.0403	409.1403	409.2403	409.3403
Italian P30	16A - 2P+E	1/6	409.0404	409.1404	409.2404	409.3404
Pluristandard	16A - 2P+E	1/6	409.0405	409.1405	409.2405	409.3405
French	16A - 2P+E	1/6	409.0411	409.1411	409.2411	409.3411
German Unshuttered	16A - 2P+E	1/6	409.0412	409.1412	409.2412	409.3412
German Shuttered	16A - 2P+E	1/6	409.0407	409.1407	409.2407	409.3407
British	13A - 2P+E	1/6	409.0413	409.1413	409.2413	409.3413
New Zealand	10A - 2P+E	1/6	409.0427	409.1427	409.2427	409.3427
Swiss	10A - 2P+E	1/6	409.0417	409.1417	409.2417	409.3417
South African	16A - 2P+E	1/6	409.0428	409.1428	409.2428	409.3428
Indian	6/16A - 2P+E	1/6	409.0429	409.1429	409.2429	409.3429

(*) 10A, C10



ACCESSORIES

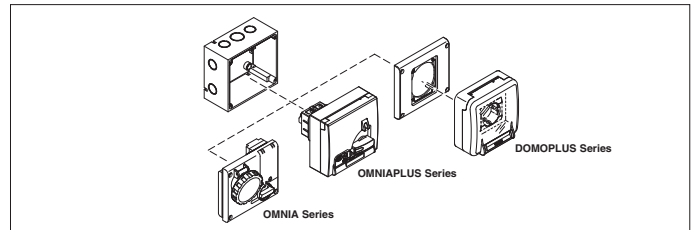
OMNIA System



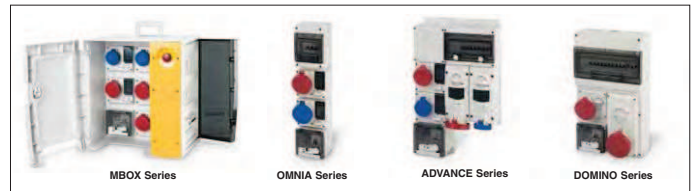
Description		
Surface mounting box IP67 PG Cable Inlet	6	572.0310
METRICA Cable Inlet	6	572.M0310
Flush mounting box IP55	6	572.0200
Flame complete with gasket	6	572.0220

OMNIA System from page 172

Flange 136x125



Application examples



ITALIAN STANDARD P17/11-16A Shuttered socket CEI 23-50	ITALIAN STANDARD P30-16A Shuttered socket CEI 23-50	PLURISTANDARD 16A Shuttered socket	FRENCH STANDARD 16A Shuttered socket	GERMAN STANDARD 16A
--	---	------------------------------------	--------------------------------------	---------------------

BRITISH STANDARD SOCKET 13A Shuttered socket 1363-2	NEW ZEALAND 10A Unshuttered socket AS/NZS 3112	SWISS STANDARD 10A Unshuttered socket SEV 1011:1998	SOUTH AFRICAN 16A Shuttered socket SANS 164-1 (2006)	INDIAN STANDARD 6/16A Shuttered socket IS 1293:1988
---	--	---	--	---



OMNIA System switched socket outlets with interlock >50V



FLUSH MOUNTING

OMNIA Series



Poles	Hz.	Volt	Colour	h.	IP44 - WITHOUT FUSE HOLDER		IP44 - WITH FUSE HOLDER	
					16A 16	32A 32	16A 16	32A 32
2P+E	50/60	100-130	Yellow	4	400.1670	400.3270	401.1670	401.3270
	50/60	200-250	Blue	6	400.1683	400.3283	401.1683	401.3283
	50/60	380-415	Red	9	400.1678	400.3278	401.1678	401.3278
	50/60	480-500	Grey	7	400.16836	400.32836	401.16836	
		trasf.	Grey	12	400.16833	400.32833	401.16833	
	>300-500 (1)	>50	Green	2	400.16832	400.32832	401.16832	
	c.c. (2)	>50-250	Grey	3	400.16834	400.32834	401.16834	
	c.c. (2)	>250	Grey	8	400.16838	400.32838	401.16838	
3P+E	50/60	100-130	Yellow	4	400.1672	400.3272	401.1672	401.3272
	50/60	200-250	Blue	9	400.1674	400.3274	401.1674	401.3274
	50/60	380-415	Red	6	400.1686	400.3286	401.1686	401.3286
	60	440-460	Red	11	400.16865	400.32865	401.16865	
	50/60	480-500	Grey	7	400.16866	400.32866	401.16866	
	50/60 (3)	600-690	Black	5	400.16867	400.32867	401.16867	
	50/60	380-415	Red	3	400.16864	400.32864	401.16864	
	100-300 (1)	>50	Green	10	400.16861	400.32861	401.16861	
	>300-500 (1)	>50	Green	2	400.16862	400.32862	401.16862	
	50/60	100-130	Yellow	4	400.1679	400.3279	401.1679	401.3279
3P+N+E	50/60	208-250	Blue	9	400.1675	400.3275	401.1675	401.3275
	50/60	346-415	Red	6	400.1687	400.3287	401.1687	401.3287
	50/60	480-500	Grey	7	400.16876	400.32876	401.16876	
	50/60 (3)	600-690	Black	5	400.16877	400.32877	401.16877	
	60	440-460	Red	11	400.16875	400.32875	401.16875	
	50/60	380-415	Red	3	400.16874	400.32874	401.16874	
	>300-500 (1)	>50	Green	2	400.16872	400.32872	401.16872	

OMNIA Series



Poles	Hz.	Volt	Colour	h.	IP66/IP67 - WITHOUT FUSE HOLDER			IP66/IP67 - WITH FUSE HOLDER	
					16A 16	32A 32	63A 63	16A 16	32A 32
2P+E	50/60	100-130	Yellow	4	405.1670	405.3270	405.6370	406.1670	406.3270
	50/60	200-250	Blue	6	405.1683	405.3283	405.6383	406.1683	406.3283
	50/60	380-415	Red	9	405.1678	405.3278	405.6378	406.1678	406.3278
	50/60	480-500	Grey	7	405.16836	405.32836	405.63836	406.16836	
		trasf.	Grey	12	405.16833	405.32833	405.63833	406.16833	
	>300-500 (1)	>50	Green	2	405.16832	405.32832		406.16832	
	c.c. (2)	>50-250	Grey	3	405.16834	405.32834		406.16834	
	c.c. (2)	>250	Grey	8	405.16838	405.32838		406.16838	
	50/60	100-130	Yellow	4	405.1672	405.3272	405.6372	406.1672	406.3272
	50/60	200-250	Blue	9	405.1674	405.3274	405.6374	406.1674	406.3274
3P+E	50/60	380-415	Red	6	405.1686	405.3286	405.6386	406.1686	406.3286
	60	440-460	Red	11	405.16865	405.32865	405.63865	406.16865	
	50/60	480-500	Grey	7	405.16866	405.32866	405.63866	406.16866	
	50/60 (3)	600-690	Black	5	405.16867	405.32867	405.63867	406.16867	
	50/60	380-415	Red	3	405.16864	405.32864		406.16864	
	100-300 (1)	>50	Green	10	405.16861	405.32861		406.16861	
	>300-500 (1)	>50	Green	2	405.16862	405.32862		406.16862	
	50/60	100-130	Yellow	4	405.1679	405.3279	405.6379	406.1679	406.3279
	50/60	208-250	Blue	9	405.1675	405.3275	405.6375	406.1675	406.3275
	50/60	346-415	Red	6	405.1687	405.3287	405.6387	406.1687	406.3287
3P+N+E	50/60	480-500	Grey	7	405.16876	405.32876	405.63876	406.16876	
	50/60 (3)	600-690	Black	5	405.16877	405.32877	405.63877	406.16877	
	60	440-460	Red	11	405.16875	405.32875	405.63875	406.16875	
	50/60	380-415	Red	3	405.16874	405.32874		406.16874	
	>300-500 (1)	>50	Green	2	405.16872	405.32872		406.16872	

Rated voltage >50V

- Approvals: from page 561

- Switches as spare parts: page 188

- Supplied with stainless steel fixing screws.

(1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging

above 100 Hz; contact Scame Technical Service for further information.

(2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame

Technical Service for further information.

(3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.

OMNIA System

From page 98



(A) Products must be installed together with their required components (Ex. wall box 572.M0308). It is downgraded to IP55 when fitted to a sufficiently rigid board.

OMNIA System switched socket outlets with interlock >50V



■ SURFACE MOUNTING

OMNIA Series

		[500.] (▲)		[501.]				
		IP44 - WITHOUT FUSE HOLDER		IP44 - WITH FUSE HOLDER				
Poles	Hz.	Volt	Colour	h.	16A 16 6	32A 32 6	16A (▲) 16 6	32A (▼) 32 6
2P+E	50/60	100-130	Yellow	4	500.1670	500.3270	501.1670	501.M3270
	50/60	200-250	Blue	6	500.1683	500.3283	501.1683	501.M3283
	50/60	380-415	Red	9	500.1678	500.3278	501.1678	501.M3278
	50/60	480-500	Grey	7	500.16836	500.32836	501.16836	
		trasf.		12	500.16833	500.32833	501.16833	
	>300-500 (1)	>50	Green	2	500.16832	500.32832	501.16832	
	c.c. (2)	>50-250	Grey	3	500.16834	500.32834	501.16834	
	c.c. (2)	>250	Grey	8	500.16838	500.32838	501.16838	
3P+E	50/60	100-130	Yellow	4	500.1672	500.3272	501.1672	501.M3272
	50/60	200-250	Blue	9	500.1674	500.3274	501.1674	501.M3274
	50/60	380-415	Red	6	500.1686	500.3286	501.1686	501.M3286
	60	440-460	Red	11	500.16865	500.32865	501.16865	
	50/60	480-500	Grey	7	500.16866	500.32866	501.16866	
	50/60 (3)	600-690	Black	5	500.16867	500.32867	501.16867	
	50/60	380-415	Red	3	500.16864	500.32864	501.16864	
	100-300 (1)	>50	Green	10	500.16861	500.32861	501.16861	
>300-500 (1)	>50	Green	2	500.16862	500.32862	501.16862		
3P+N+E	50/60	100-130	Yellow	4	500.1679	500.3279	501.1679	501.M3279
	50/60	208-250	Blue	9	500.1675	500.3275	501.1675	501.M3275
	50/60	346-415	Red	6	500.1687	500.3287	501.1687	501.M3287
	50/60	480-500	Grey	7	500.16876	500.32876	501.16876	
	50/60 (3)	600-690	Black	5	500.16877	500.32877	501.16877	
	60	440-460	Red	11	500.16875	500.32875	501.16875	
	50/60	380-415	Red	3	500.16874	500.32874	501.16874	
	>300-500 (1)	>50	Green	2	500.16872	500.32872	501.16872	

OMNIA Series

		[505.] (▲)		[506.]					
		IP66/IP67 - WITHOUT FUSE HOLDER		IP66/IP67 - WITH FUSE HOLDER					
Poles	Hz.	Volt	Colour	h.	16A 16 6	32A 32 6	63A 16 1	16A (▲) 16 6	32A (▼) 32 6
2P+E	50/60	100-130	Yellow	4	505.1670	505.3270	505.M6370	506.1670	506.M3270
	50/60	200-250	Blue	6	505.1683	505.3283	505.M6383	506.1683	506.M3283
	50/60	380-415	Red	9	505.1678	505.3278	505.M6378	506.1678	506.M3278
	50/60	480-500	Grey	7	505.16836	505.32836	505.M6386	506.16836	
		trasf.		12	505.16833	505.32833	505.M6383	506.16833	
	>300-500 (1)	>50	Green	2	505.16832	505.32832	505.M6382	506.16832	
	c.c. (2)	>50-250	Grey	3	505.16834	505.32834		506.16834	
	c.c. (2)	>250	Grey	8	505.16838	505.32838		506.16838	
3P+E	50/60	100-130	Yellow	4	505.1672	505.3272	505.M6372	506.1672	506.M3272
	50/60	200-250	Blue	9	505.1674	505.3274	505.M6374	506.1674	506.M3274
	50/60	380-415	Red	6	505.1686	505.3286	505.M6386	506.1686	506.M3286
	60	440-460	Red	11	505.16865	505.32865	505.M63865	506.16865	
	50/60	480-500	Grey	7	505.16866	505.32866	505.M63866	506.16866	
	50/60 (3)	600-690	Black	5	505.16867	505.32867	505.M63867	506.16867	
	50/60	380-415	Red	3	505.16864	505.32864		506.16864	
	100-300 (1)	>50	Green	10	505.16861	505.32861		506.16861	
>300-500 (1)	>50	Green	2	505.16862	505.32862		506.16862		
3P+N+E	50/60	100-130	Yellow	4	505.1679	505.3279	505.M6379	506.1679	506.M3279
	50/60	208-250	Blue	9	505.1675	505.3275	505.M6375	506.1675	506.M3275
	50/60	346-415	Red	6	505.1687	505.3287	505.M6387	506.1687	506.M3287
	50/60	480-500	Grey	7	505.16876	505.32876	505.M63876	506.16876	
	50/60 (3)	600-690	Black	5	505.16877	505.32877	505.M63877	506.16877	
	60	440-460	Red	11	505.16875	505.32875	505.M63875	506.16875	
	50/60	380-415	Red	3	505.16874	505.32874		506.16874	
	>300-500 (1)	>50	Green	2	505.16872	505.32872		506.16872	

Rated voltage >50V

- Approvals: from page 561
- Switches as spare parts: page 188
- Supplied with stainless steel fixing screws.

(1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded

with respect to the nominal current by 25% for products with frequencies ranging above 100 Hz; contact Scame Technical Service for further information.

(2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.

(▲) The OMNIA Series surface mounting are also available in a metric cable inlet.

For ordering add M after the first three digits (ex. 500.M1670).

(▼) Articoli disponibili solo con entrata cavi metrica e involucro rialzato.

Note: in ADVANCE2 System, use version with METRIC cable inlet.



OMNIA System
From page 98



ADVANCE2 System
From page 110



OMNIA System switched socket outlets with interlock < 50V



1.2

FLUSH MOUNTING

OMNIA Series



Description	Socket	Type	Colour	h	Rated voltage	⊕	IP44	IP66/IP67
With transformer (1)	2P-16A	Normal	Purple	-	20-25V~	6	400.2416	405.2416
							White	400.2420
Without transformer (2)	2P-32A	Normal	Purple	-	20-25V~	6	400.2421	405.2421
							White	400.2620
				12	40-50V~	6	400.2621	405.2621

SURFACE MOUNTING

OMNIA Series



Description	Socket	Type	Colour	h	Rated voltage	⊕	IP44	IP66/IP67
Without transformer (2)	2P-16A	Normal	Purple	-	20-25V~	6	500.2420	505.2420
							White	500.2421
	2P-32A	Normal	Purple	-	20-25V~	6	500.2620	505.2620
							White	500.2621

INDUSTRIAL
1
2
3
4

Rated operating voltage <50V
- Approvals: from page 561
- When the plug is inserted a micro-switch turns on that closes the circuits

(1) SELV transformer 220/24V- 60VA (continuous duty).
(2) The versions without transformer are particularly suitable for installations with centralised extra-low voltage transformer.

(▲) The OMNIA Series surface mounting are also available in a metric cable inlet. Add M after the first three digits (ex. 500.M2420).
(*) Unsuitable for 572.0310 and 572.M0310 boxes. ADVANCE2 System, DOMINO IP66 and MBOX enclosures.
Note: in ADVANCE2 System, use version with metric cable inlet.



OMNIA System Modular system



FLUSH MOUNTING BOX

OMNIA System



Description	Dimensions (mm)	⌘	
Flush mounting box	160x148x72	6	⊕ 572.0200
Flush mounting box for plasterboard walls		6	572.0205

- Suited for being walled up in buried systems.
- Complete with coupling insert.

FRAME

OMNIA System



Description	Dimensions (mm)	⌘	
Frame complete with gasket	174x163x19 IP55 (*)	6	⊕ 572.0220
Coupling insert	-	6	572.0210

(*) When assembled together with the relevant component.
- For the installation of flush mounting boxes (product 572.0200).

EQUIPMENT ENCLOSURE

OMNIA System



Description	⌘	
Blind	1	572.0320
Consumer unit 6 DIN with terminal block opening	1	572.0321
Enclosure for 2 OMNIA Series socket outlets 16(32A) (*)	1	572.0322

- They can be fitted into the MBOXS enclosures.
(*) Hole Ø 40.5 mm on the upper side.

SURFACE MOUNTING SYSTEM - IP67(*)

OMNIA System



Description	Dimensions (mm)	OMNIA	Power dissipation	Cable inlet	⌘	
1 box kit	136x275x89	63A	-	METRIC	1	572.M0308
	160x148x72	16-32A	10W (•)	PG	6	⊕ 572.0310
				METRIC	6	572.M0310

(*) When assembled together with the relevant component.
(•) When joined with consumer unit (product 572.0120 page 100).
Power calculated conforming to CEI 23-49 Italian standards.
- Except 32A fuse versions.
- Not suitable for items 400.2416 and 405.2416.

SURFACE MOUNTING SYSTEM - IP66(*)

OMNIA System



Description	DIN Modules	Dimensions (mm)	Dissipation Power	⌘	
"Consumer unit" system	6 DIN	136x472x146	12W	1	⊕ 572.0311
		136x616x146	12W	1	⊕ 572.0313
	14 DIN	287x408x146	12W	1	⊕ 572.0315

Description	DIN Modules	Dimensions (mm)	Dissipation Power	⌘	
"Blank plate" system	-	136x472x146	-	1	⊕ 572.0312
	-	136x616x146	-	1	⊕ 572.0314
	-	287x408x146	-	1	⊕ 572.0316

(*) When assembled together with relevant component.
(•) Power calculated conforming to CEI 23-49 Italian standards.



OMNIA System Modular system



1.2

CONSUMER UNIT ASSEMBLY KIT - IP55(*)

OMNIA System



Description	Dimensions (mm)	Power dissipation	⊕
6 DIN modules	136x125x25	10W (*)	6

⊕ 572.0120

- (*) When assembled together with the relevant component.
 (*) When joined with surface mounting box (product 572.0310).
 - Power calculated in conformity to the CEI 23-49 standards.
 - DIN modules and supports included.
 - Installation in the flush mounting box through the frame item 572.0220.
 - Complete with locking knob, triangular locking key and stainless steel fixing screws.
 - The consumer unit can also be installed in the IP66 DOMINO Series surface mounting enclosures.

BLANK PLATE - IP67(*)

OMNIA System



Description	Dimensions (mm)	Pre-holing	⊕
Flange 136x125mm	136x125x15	No	6
Flange 136x125mm	136x125x15	16A (70x87mm)	6
Flange 136x125mm	136x125x15	32A (84x108mm)	6

⊕ 654.0120

⊕ 654.0125

⊕ 654.0126

- (*) When assembled together with the relevant component.
 - Closes the cut-outs foreseen for OMNIA Series flush mounting sockets with interlock.
 - Supplied with gasket for IP67 and 4 stainless steel screws.

PROTECTION COVER - IP20

OMNIA System



Description	Dimensions (mm)	⊕
1 cover kit	122x98x54	4

572.0330

- For panel mounting of OMNIA Series interlocked switch sockets outlets without fuse carrier.
 - Top and bottom cable entries.
 - Supplied with 2 fixing screws.

COVER WITH INSERT FOR MODULAR DOMESTIC ACCESSORIES ONLY - IP55

OMNIA System



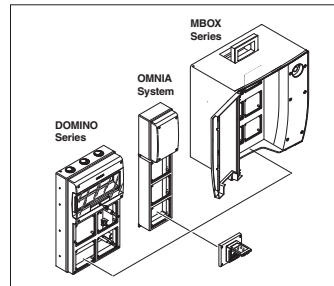
Description	Flange	⊕
Enclosure for 2 modules: "Living International", "Luna", "Light" and "Light Tech"	136x125	6
Enclosure for 2 EVOLUTION Series modules	136x125	6

654.0121(*)

654.0122

- (*) This module container is realized by authorization of the Bticino spa company and is suitable to house the "Living International", "Luna", "Light" and "Light Tech" modules which are registered trademarks owned by Bticino.

Examples of installation - flange 136x125



EVOLUTION Series insert mounted on DIN rail support



DIN rail support
 1 module art. 654.0091
 2 modules art. 654.0092

INDUSTRIAL
1
2
3
4



ADVANCE2 System switched socket outlets with interlock >50V

SURFACE MOUNTING - IP44

ADVANCE2 Series

INDUSTRIAL
1
2
3
4



Poles	Hz.	Volt	Colour	h.	COMPACT WITHOUT FUSE HOLDER		COMPACT WITH FUSE HOLDER		LARGE WITH RAIL DIN (6 MODULES)	
					16A M25 1/12	32A M25 1/12	16A M25 1/12	32A M25 1/12	16A M25 1/4	32A M25 1/4
2P+E	50/60	100-130	Yellow	4	560.1670	560.3270	562.1670	562.3270	567.1670	567.3270
	50/60	200-250	Blue	6	560.1683	560.3283	562.1683	562.3283	567.1683	567.3283
	50/60	380-415	Red	9	560.1678	560.3278	562.1678	562.3278	567.1678	567.3278
	50/60	480-500	Grey	7	560.16836	560.32836	562.16836	562.32836	567.16836	567.32836
	50/60	trasf.	Grey	12	560.16833	560.32833	562.16833	562.32833	567.16833	567.32833
	>300-500 (1)	>50	Green	2	560.16832	560.32832	562.16832	562.32832	567.16832	567.32832
	c.c. (2)	>50-250	Grey	3	560.16834	560.32834	562.16834	562.32834	567.16834	567.32834
	c.c. (2)	>250	Grey	8	560.16838	560.32838	562.16838	562.32838	567.16838	567.32838
3P+E	50/60	100-130	Yellow	4	560.1672	560.3272	562.1672	562.3272	567.1672	567.3272
	50/60	200-250	Blue	9	560.1674	560.3274	562.1674	562.3274	567.1674	567.3274
	50/60	380-415	Red	6	560.1686	560.3286	562.1686	562.3286	567.1686	567.3286
	60	440-460	Red	11	560.16865	560.32865	562.16865	562.32865	567.16865	567.32865
	50/60	480-500	Grey	7	560.16866	560.32866	562.16866	562.32866	567.16866	567.32866
	50/60 (3)	600-690	Black	5	560.16867	560.32867	562.16867	562.32867	567.16867	567.32867
	50/60	380-415	Red	3	560.16864	560.32864	562.16864	562.32864	567.16864	567.32864
	100-300 (1)	>50	Green	10	560.16861	560.32861	562.16861	562.32861	567.16861	567.32861
3P+N+E	>300-500 (1)	>50	Green	2	560.16862	560.32862	562.16862	562.32862	567.16862	567.32862
	50/60	100-130	Yellow	4	560.1679	560.3279	562.1679	562.3279	567.1679	567.3279
	50/60	208-250	Blue	9	560.1675	560.3275	562.1675	562.3275	567.1675	567.3275
	50/60	346-415	Red	6	560.1687	560.3287	562.1687	562.3287	567.1687	567.3287
	50/60	480-500	Grey	7	560.16876	560.32876	562.16876	562.32876	567.16876	567.32876
	50/60 (3)	600-690	Black	5	560.16877	560.32877	562.16877	562.32877	567.16877	567.32877
	60	440-460	Red	11	560.16875	560.32875	562.16875	562.32875	567.16875	567.32875
	50/60	380-415	Red	3	560.16874	560.32874	562.16874	562.32874	567.16874	567.32874
>300-500 (1)	>50	Green	2	560.16872	560.32872	562.16872	562.32872	567.16872	567.32872	



Rated voltage >50V

- Approvals: from page 561

- Switches as spare parts: page 188

- Supplied with stainless steel fixing screws.

(1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging

above 100 Hz; contact Scame Technical Service for further information.

(2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.

(3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.

ADVANCE2 System
From page 110



ADVANCE2 System switched socket outlets with interlock >50V



■ SURFACE MOUNTING - IP66/IP67

ADVANCE2 Series

INDUSTRIAL
1
2
3
4

				561.						
				COMPACT WITHOUT FUSE HOLDER		LARGE WITHOUT FUSE HOLDER				
Poles	Hz.	Volt	Colour	h.	16A M25 1/12	32A M25 1/12	63A M40 1/4			
2P+E	50/60	100-130	Yellow	4	561.1670	561.3270	561.6370			
	50/60	200-250	Blue	6	561.1683	561.3283	561.6383			
	50/60	380-415	Red	9	561.1678	561.3278	561.6378			
	50/60	480-500	Grey	7	561.16836	561.32836	561.63836			
	50/60	trasf.	Grey	12	561.16833	561.32833	561.63833			
	>300-500 (1)	>50	Green	2	561.16832	561.32832				
	c.c. (2)	>50-250	Grey	3	561.16834	561.32834				
	c.c. (2)	>250	Grey	8	561.16838	561.32838				
	3P+E	50/60	100-130	Yellow	4	561.1672	561.3272	561.6372		
		50/60	200-250	Blue	9	561.1674	561.3274	561.6374		
50/60		380-415	Red	6	561.1686	561.3286	561.6386			
60		440-460	Red	11	561.16865	561.32865	561.63865			
50/60		480-500	Grey	7	561.16866	561.32866	561.63866			
50/60 (3)		600-690	Black	5	561.16867	561.32867	561.63867			
50/60		380-415	Red	3	561.16864	561.32864				
100-300 (1)		>50	Green	10	561.16861	561.32861				
>300-500 (1)		>50	Green	2	561.16862	561.32862				
3P+N+E		50/60	100-130	Yellow	4	561.1679	561.3279	561.6379		
	50/60	208-250	Blue	9	561.1675	561.3275	561.6375			
	50/60	346-415	Red	6	561.1687	561.3287	561.6387			
	50/60	480-500	Grey	7	561.16876	561.32876	561.63876			
	50/60 (3)	600-690	Black	5	561.16877	561.32877	561.63877			
	60	440-460	Red	11	561.16875	561.32875	561.63875			
	50/60	380-415	Red	3	561.16874	561.32874				
	>300-500 (1)	>50	Green	2	561.16872	561.32872				

				563.						568.		
				COMPACT WITH FUSE HOLDER		LARGE WITH FUSE HOLDER		LARGE WITH RAIL (DIN 6 MODULES)				
Poles	Hz.	Volt	Colour	h.	16A M25 1/12	32A M25 1/12	63A M40 1/4	16A M25 1/4	32A M25 1/4	63A M40 1/4		
2P+E	50/60	100-130	Yellow	4	563.1670	563.3270	563.6370	568.1670	568.3270	568.6370		
	50/60	200-250	Blue	6	563.1683	563.3283	563.6383	568.1683	568.3283	568.6383		
	50/60	380-415	Red	9	563.1678	563.3278	563.6378(*)	568.1678	568.3278	568.6378(*)		
	50/60	480-500	Grey	7	563.16836	563.32836		568.16836	568.32836			
	50/60	trasf.	Grey	12	563.16833	563.32833	563.63833	568.16833	568.32833	568.63833		
	>300-500 (1)	>50	Green	2	563.16832	563.32832		568.16832	568.32832			
	c.c. (2)	>50-250	Grey	3	563.16834	563.32834		568.16834	568.32834	568.63834		
	c.c. (2)	>250	Grey	8	563.16838	563.32838		568.16838	568.32838	568.63838		
	3P+E	50/60	100-130	Yellow	4	563.1672	563.3272	563.6372	568.1672	568.3272	568.6372	
		50/60	200-250	Blue	9	563.1674	563.3274	563.6374	568.1674	568.3274	568.6374	
50/60		380-415	Red	6	563.1686	563.3286	563.6386(*)	568.1686	568.3286	568.6386(*)		
60		440-460	Red	11	563.16865	563.32865		568.16865	568.32865			
50/60		480-500	Grey	7	563.16866	563.32866		568.16866	568.32866			
50/60 (3)		600-690	Black	5	563.16867	563.32867		568.16867	568.32867			
50/60		380-415	Red	3	563.16864	563.32864		568.16864	568.32864			
100-300 (1)		>50	Green	10	563.16861	563.32861		568.16861	568.32861			
>300-500 (1)		>50	Green	2	563.16862	563.32862		568.16862	568.32862			
3P+N+E		50/60	100-130	Yellow	4	563.1679	563.3279	563.6379	568.1679	568.3279	568.6379	
	50/60	208-250	Blue	9	563.1675	563.3275	563.6375	568.1675	568.3275	568.6375		
	50/60	346-415	Red	6	563.1687	563.3287	563.6387(*)	568.1687	568.3287	568.6387(*)		
	50/60	480-500	Grey	7	563.16876	563.32876		568.16876	568.32876			
	50/60 (3)	600-690	Black	5	563.16877	563.32877		568.16877	568.32877			
	60	440-460	Red	11	563.16875	563.32875		568.16875	568.32875			
	50/60	380-415	Red	3	563.16874	563.32874		568.16874	568.32874			
	>300-500 (1)	>50	Green	2	563.16872	563.32872		568.16872	568.32872			

(*) 400V only

Rated voltage >50V

- Approvals: from page 561

- Switches as spare parts: page 188

- Supplied with stainless steel fixing screws.

(1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging

above 100 Hz; contact Scame Technical Service for further information.

(2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.

(3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.

ADVANCE2 System
From page 110



ADVANCE2 System switched socket outlets with interlock >50V

■ SURFACE MOUNTING - IP66/IP67 - HD VERSION

ADVANCE2-HD Series

INDUSTRIAL
1
2
3
4

		564.				569.		
		HD COMPACT - WITH FUSE HOLDER		HD LARGE - WITH FUSE HOLDER		HD LARGE - WITH RAIL DIN (6 MODULES)		
Poles	Hz.	Volt	Colour	h.	16A M25 1/12	32A M25 1/12	63A M40 1/4	
2P+E	50/60	100-130	Yellow	4	564.1670	564.3270	564.6370	569.1670
	50/60	200-250	Blue	6	564.1683	564.3283	564.6383	569.1683
	50/60	380-415	Red	9	564.1678	564.3278	564.6378(*)	569.1678
	50/60	480-500	Grey	7	564.16836	564.32836		569.16836
	50/60	trasf.	Grey	12	564.16833	564.32833	564.63833	569.16833
	>300-500 (1)	>50	Green	2	564.16832	564.32832		569.16832
	c.c. (2)	>50-250	Grey	3	564.16834	564.32834		569.16834
	c.c. (2)	>250	Grey	8	564.16838	564.32838		569.16838
	50/60	100-130	Yellow	4	564.1672	564.3272	564.6372	569.1672
	50/60	200-250	Blue	9	564.1674	564.3274	564.6374	569.1674
3P+E	50/60	380-415	Red	6	564.1686	564.3286	564.6386(*)	569.1686
	60	440-460	Red	11	564.16865	564.32865		569.16865
	50/60	480-500	Grey	7	564.16866	564.32866		569.16866
	50/60 (3)	600-690	Black	5	564.16867	564.32867		569.16867
	50/60	380-415	Red	3	564.16864	564.32864		569.16864
	100-300 (1)	>50	Green	10	564.16861	564.32861		569.16861
	>300-500 (1)	>50	Green	2	564.16862	564.32862		569.16862
	50/60	100-130	Yellow	4	564.1679	564.3279	564.6379	569.1679
	50/60	208-250	Blue	9	564.1675	564.3275	564.6375	569.1675
	50/60	346-415	Red	6	564.1687	564.3287	564.6387(*)	569.1687
3P+N+E	50/60	480-500	Grey	7	564.16876	564.32876		569.16876
	50/60 (3)	600-690	Black	5	564.16877	564.32877		569.16877
	60	440-460	Red	11	564.16875	564.32875		569.16875
	50/60	380-415	Red	3	564.16874	564.32874		569.16874
	>300-500 (1)	>50	Green	2	564.16872	564.32872		569.16872



(*) 400V only

Rated voltage >50V
 - Approvals: from page 561
 - Switches as spare parts: page 188
 - Supplied with stainless steel fixing screws.
 (1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging above 100 Hz; contact Scame Technical Service for further information.
 (2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.
 (3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.

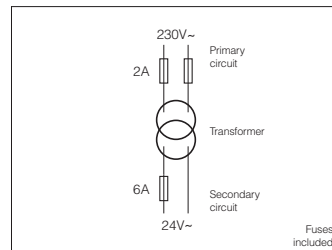


ADVANCE2 System switched socket outlets with interlock <50V

■ SURFACE MOUNTING - IP44 AND IP66/IP67

ADVANCE2 Series

Description	Socket	Type	Colour	h	Rated voltage	⚡	IP44 - COMPACT	IP44 - LARGE	IP66/IP67 - COMPACT	IP66/IP67 - LARGE
With transformer (1)	2P-16A	Normal	■	-	24V~	1/10	565.2416	565.2516	565.2416/S	565.2516/S
		Heavy duty	■	-	24V~	1/10	566.2416	566.2516	566.2416/S	566.2516/S
		Normal	■	-	20-25V~	1/10	565.2420		565.2420/S	
With RAIL DIN (6 modules)	2P-16A	Normal	□	12	40-50V~	1/10	565.2421		565.2421/S	
		Heavy duty	■	-	20-25V~	1/10	566.2420		566.2420/S	
		Normal	□	12	40-50V~	1/10	566.2421		566.2421/S	
With RAIL DIN (6 modules)	2P-32A	Normal	■	-	20-25V~	1/10	565.2432		565.2432/S	
		Normal	□	12	40-50V~	1/10	565.2433		565.2433/S	
		Heavy duty	■	-	20-25V~	1/10	566.2432		566.2432/S	
		Heavy duty	□	12	40-50V~	1/10	566.2433		566.2433/S	



Protections for the version with transformer, large type.

Rated voltage >50V

- Approvals: from page 561
- When the plug is inserted a micro-switch turns on that closes the circuits.
- Cable gland M25.
- (1) SELV transformer @220/24V - 150VA (continuous duty).

ADVANCE2 System
From page 110



ADVANCE2 System Modular system - IP66



MODULE 106 (COMPACT) - STANDARD VERSION

ADVANCE2 System

Description	Power dissipation (*)	U	16A-32A
Modular bases	Complete with inserts for joining several bases	-	12
	One-module with cut out	-	12
	One-module plain lid	-	12
Enclosures IP66	Two-modules plain lid	-	6
	One-module with window	8W	6
	Two-modules with window	14W	6

* Modularity: ADVANCE2 Series compact (from page 102).

FLANGE 70x87			4 DIN	10 DIN
⊕ 576.4303				
	⊕ 576.4301			
		⊕ 576.4304		
			⊕ 576.4302	
				⊕ 576.4305

MODULE 106 (COMPACT) - HEAVY DUTY VERSION

ADVANCE2 System

Description	Power dissipation (*)	U	16A-32A
Modular bases	Complete with inserts for joining several bases	-	12
	One-module with cut out	-	-
	One-module plain lid	-	12
Enclosures IP66	Two-modules plain lid	-	6
	One-module with window	8W	6
	Two-modules with window	14W	6

* Modularity: ADVANCE2-HD Series compact (from page 106).

			4 DIN	10 DIN
	⊕ 578.4301			
		⊕ 578.4304		
			⊕ 578.4302	
				⊕ 578.4305

Note: The enclosure is supplied with screws for fastening the lid and mounting to the boxes; the kit also includes: metric coupler, seals and nuts. In order to carry out precise performance for metric shunt boxes, we recommend the use of stepped milling cutter.

(*) Power calculated according to CEI 23-49 Italian standard. The Heavy Duty products are suitable to heavy working conditions and are also resistant to highly salty environments.

Combination

COMPACT CODE 576.4300	JUNCTION BOXES	WITH ADVANCE2 COMPACT	WITH ADVANCE2 LARGE	DIFFERENT COMBINATIONS WITH ADVANCE2 AND OMNIA SOCKET OUTLETS

INDUSTRIAL
1
2
3
4



ADVANCE2 System Modular system - IP66



1.2

MODULE 136 (LARGE) - STANDARD VERSION

ADVANCE2 System

Description	Power dissipation (*)	⊞	16A-32A-63A
Modular bases	Complete with inserts for joining several bases	-	6
	One-module with cut out	-	12
	One-module plain lid	-	12
Enclosures IP66	Two-modules plain lid	-	6
	One-module with window	9W	6
	Two-modules with window	17W	6

* Modularity: ADVANCE2 Series compact and large (from page 102), OMNIA Series (from page 92).

FLANGE 70x87			6 DIN	13 DIN
⊞ 576.4323				
	⊞ 576.4321			
		⊞ 576.4324		
			⊞ 576.4322	
				⊞ 576.4325

MODULE 136 (LARGE) - HEAVY DUTY VERSION

ADVANCE2 System

Description	Power dissipation (*)	⊞	16A-32A-63A
Modular bases	Complete with inserts for joining several bases	-	6
	One-module with cut out	-	-
	One-module plain lid	-	12
Enclosures IP66	Two-modules plain lid	-	6
	One-module with window	9W	6
	Two-modules with window	17W	6

* Modularity: ADVANCE2-HD Series compact and large (from page 106).

			6 DIN	13 DIN
	⊞ 578.4321			
		⊞ 578.4324		
			⊞ 578.4322	
				⊞ 578.4325

Note: The enclosure is supplied with screws for fastening the lid and mounting to the boxes; the kit also includes: metric coupler, seals and nuts. In order to carry out precise performance for metric shunt boxes, we recommend the use of stepped milling cutter.

(*) Power calculated according to CEI 23-49 Italian standard. The Heavy Duty products are suitable to heavy working conditions and are also resistant to highly salty environments.

Combination

LARGE CODE 576.4340	JUNCTION BOXES	WITH ADVANCE2 COMPACT	WITH ADVANCE2 LARGE	DIFFERENT COMBINATIONS WITH ADVANCE2 AND OMNIA SOCKET OUTLETS

INDUSTRIAL

2
3
4



ADVANCE-GRP System

Switched interlocked socket outlets >50V



■ WITHOUT BASE - IP66/IP67 - WITHOUT FUSE HOLDER

ADVANCE-GRP Series

INDUSTRIAL
1
2
3
4

Poles	Hz.	Volt	Colour	h.	402.			403.		
					16A P ₁	32A P ₁	63A P ₁	I-DEVICE 16A P ₁	I-DEVICE 32A P ₁	I-DEVICE 63A P ₁
2P+E	50/60	100-130	Yellow	4	402.1670	402.3270	402.6370	403.1670	403.3270	403.6370
	50/60	200-250	Blue	6	402.1683	402.3283	402.6383	403.1683	403.3283	403.6383
	50/60	380-415	Red	9	402.1678	402.3278	402.6378	403.1678	403.3278	403.6378
	50/60	480-500	Grey	7	402.16836	402.32836	402.63836	403.16836	403.32836	403.63836
	50/60	trasf.	Grey	12	402.16833	402.32833	402.63833	403.16833	403.32833	403.63833
	>300-500 (1)	>50	Green	2	402.16832	402.32832	402.63832	on request	on request	on request
	c.c. (2)	>50-250	Grey	3						
	c.c. (2)	>250	Grey	8						
	50/60	100-130	Yellow	4	402.1672	402.3272	402.6372	403.1672	403.3272	403.6372
	50/60	200-250	Blue	9	402.1674	402.3274	402.6374	403.1674	403.3274	403.6374
3P+E	50/60	380-415	Red	6	402.1686	402.3286	402.6386	403.1686	403.3286	403.6386
	60	440-460	Red	11	402.16865	402.32865	402.63865	403.16865	403.32865	403.63865
	50/60	480-500	Grey	7	402.16866	402.32866	402.63866	403.16866	403.32866	403.63866
	50/60 (3)	600-690	Black	5	402.16867	402.32867	402.63867	403.16867	403.32867	403.63867
	50/60	380-415	Red	3	402.16864	402.32864	402.63864	403.16864	403.32864	403.63864
	100-300 (1)	>50	Green	10	402.16861	402.32861	402.63861	on request	on request	on request
	>300-500 (1)	>50	Green	2	402.16862	402.32862	402.63862	on request	on request	on request
	50/60	100-130	Yellow	4	402.1679	402.3279	402.6379	403.1679	403.3279	403.6379
	50/60	208-250	Blue	9	402.1675	402.3275	402.6375	403.1675	403.3275	403.6375
	50/60	346-415	Red	6	402.1687	402.3287	402.6387	403.1687	403.3287	403.6387
3P+N+E	50/60	480-500	Grey	7	402.16876	402.32876	402.63876	403.16876	403.32876	403.63876
	50/60 (3)	600-690	Black	5	402.16877	402.32877	402.63877	403.16877	403.32877	403.63877
	60	440-460	Red	11	402.16875	402.32875	402.63875	403.16875	403.32875	403.63875
	50/60	380-415	Red	3	402.16874	402.32874	402.63874	403.16874	403.32874	403.63874
	>300-500 (1)	>50	Green	2	402.16872	402.32872	402.63872	on request	on request	on request



Rated voltage >50V

- Approvals: from page 561

- Switches as spare parts: page 188

- Supplied with stainless steel fixing screws.

(1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging

above 100 Hz; contact Scame Technical Service for further information.

(2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.

(3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.

ADVANCE-GRP System

From page 122



ADVANCE-GRP System

Switched interlocked socket outlets >50V

■ WITHOUT BASE - IP66/IP67 - WITH FUSE HOLDER

ADVANCE-GRP Series

INDUSTRIAL

402.

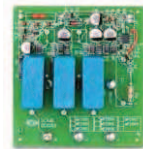


403.



Poles	Hz.	Volt	Colour	h.	16A			32A			63A			
					1	2	3	1	2	3	1	2	3	
2P+E	50/60	100-130	Yellow	4	402.1670-F	402.3270-F	402.6370-F							
	50/60	200-250	Blue	6	402.1683-F	402.3283-F	402.6383-F							
	50/60	380-415	Red	9	402.1678-F	402.3278-F	402.6378-F							
	50/60	480-500	Grey	7	402.16836-F	402.32836-F	402.63836-F							
	50/60	trasf.	Grey	12	402.16833-F	402.32833-F	402.63833-F							
	>300-500 (1)	>50	Green	2	402.16832-F	402.32832-F	402.63832-F							
	c.c. (2)	>50-250	Grey	3										
	c.c. (2)	>250	Grey	8										
3P+E	50/60	100-130	Yellow	4	402.1672-F	402.3272-F	402.6372-F							
	50/60	200-250	Blue	9	402.1674-F	402.3274-F	402.6374-F							
	50/60	380-415	Red	6	402.1686-F	402.3286-F	402.6386-F							
	60	440-460	Red	11	402.16865-F	402.32865-F	402.63865-F							
	50/60	480-500	Grey	7	402.16866-F	402.32866-F	402.63866-F							
	50/60 (3)	600-690	Black	5	402.16867-F	402.32867-F	402.63867-F							
	50/60	380-415	Red	3	402.16864-F	402.32864-F	402.63864-F							
	100-300 (1)	>50	Green	10	402.16861-F	402.32861-F	402.63861-F							
	>300-500 (1)	>50	Green	2	402.16862-F	402.32862-F	402.63862-F							
	50/60	100-130	Yellow	4	402.1679-F	402.3279-F	402.6379-F							
3P+N+E	50/60	208-250	Blue	9	402.1675-F	402.3275-F	402.6375-F							
	50/60	346-415	Red	6	402.1687-F	402.3287-F	402.6387-F							
	50/60	480-500	Grey	7	402.16876-F	402.32876-F	402.63876-F							
	50/60 (3)	600-690	Black	5	402.16877-F	402.32877-F	402.63877-F							
	60	440-460	Red	11	402.16875-F	402.32875-F	402.63875-F							
	50/60	380-415	Red	3	402.16874-F	402.32874-F	402.63874-F							
	>300-500 (1)	>50	Green	2	402.16872-F	402.32872-F	402.63872-F							

I-DEVICE		
16A	32A	63A
1	1	1
403.1670-F	403.3270-F	403.6370-F
403.1683-F	403.3283-F	403.6383-F
403.1678-F	403.3278-F	403.6378-F
403.16836-F	403.32836-F	403.63836-F
403.16833-F	403.32833-F	403.63833-F
on request	on request	on request
403.1672-F	403.3272-F	403.6372-F
403.1674-F	403.3274-F	403.6374-F
403.1686-F	403.3286-F	403.6386-F
403.16865-F	403.32865-F	403.63865-F
403.16866-F	403.32866-F	403.63866-F
403.16867-F	403.32867-F	403.63867-F
403.16864-F	403.32864-F	403.63864-F
on request	on request	on request
403.1679-F	403.3279-F	403.6379-F
403.1675-F	403.3275-F	403.6375-F
403.1687-F	403.3287-F	403.6387-F
403.16876-F	403.32876-F	403.63876-F
403.16877-F	403.32877-F	403.63877-F
403.16875-F	403.32875-F	403.63875-F
403.16874-F	403.32874-F	403.63874-F
on request	on request	on request



An electronic device controls (Intelligence Device) the status of the interlocked socket, monitoring the electrical functionality:
 - operation of the signalling and control card is guaranteed even when the load is not connected;

- **INDICATOR LIGHT ON**
 - indicates that the fuses are not open and all the phases are present;
 - indicates that the socket outlet is powered correctly;
- **INDICATOR LIGHT FLASHING**
 - signals the interruption of one or more fuses;
 - signals the absence of a phase*;
- **INDICATOR LIGHT OFF**
 - indicates that the socket outlet is not powered.

* for single-phase products in the event of phase/neutral loss led signaling appears off.

Rated voltage >50V

- Approvals: from page 561
- Switches as spare parts: page 188
- Supplied with stainless steel fixing screws.
- (1) The maximum amount of current available, taking into account the maximum overheating temperature allowed by the relevant standards, must be downgraded with respect to the nominal current by 25% for products with frequencies ranging

- above 100 Hz; contact Scame Technical Service for further information.
- (2) When using DC we recommend that you make sure of implementing the protection scheme that is most suitable for the system involved; contact Scame Technical Service for further information.
- (3) Pay special attention when selecting the appropriate fuse with respect to the tension of the installation.



System ADVANCE-GRP
From page 122

ADVANCE-GRP System Switched interlocked socket outlets >50V



■ SURFACE MOUNTING I-DEVICE - IP66 - WITHOUT FUSE HOLDER

ADVANCE-GRP Series



Poles	Hz.	Volt	Colour	h.	16A			32A			63A			
					1	1	1	1	1	1	1	1	1	1
2P+E	50/60	200-250	Blue	6	503.1683	503.3283	503.6383							
3P+E	50/60	380-415	Red	6	503.1686	503.3286	503.6386							
3P+N+E	50/60	346-415	Red	6	503.1687	503.3287	503.6387							

■ ACCESSORIES

ADVANCE-GRP Series



Description	Contacts	Terminals	
125A 1	1NO+1NC	4x4 mm ²	579.0125
Microswitch kit 400V 10A (microswitch + terminal block)			
- Max 2 kit.			
- For products with mechanical interlock.			

■ SURFACE MOUNTING I-DEVICE - IP66 - WITH FUSE HOLDER

ADVANCE-GRP Series



Poles	Hz.	Volt	Colour	h.	16A			32A			63A		
					1	1	1	1	1	1	1	1	1
2P+E	50/60	200-250	Blue	6	503.1683-F	503.3283-F	503.6383-F						
3P+E	50/60	380-415	Red	6	503.1686-F	503.3286-F	503.6386-F						
3P+N+E	50/60	346-415	Red	6	503.1687-F	503.3287-F	503.6387-F						



125A		125A		125A		125A		125A	
1	1	1	1	1	1	1	1	1	1
503.12583-F	503.12583-FS	503.12583-M	503.12583-RM	503.12583-T					
503.12586-F	503.12586-FS	503.12586-M	503.12586-RM	503.12586-T					
503.12587-F	503.12587-FS	503.12587-M	503.12587-RM	503.12587-T					

Rated voltage >50V
- Approvals: from page 561



ADVANCE-GRP System
From page 122

With switch-disconnector

With switch-disconnector and fuse
Fuses not included

With fuse and switch-disconnector
Fuses not included

With molded case circuit breaker with thermal magnetic trip unit

With molded case circuit breaker with thermal magnetic and residual current release trip units

Contactor operated by microswitch
Microswitch already provided









ADVANCE-GRP System Switched interlocked socket outlets <50V

SCAME

1.2



■ WITHOUT BASE - IP66/IP67

ADVANCE-GRP Series

Description	Plug	Colour	Rated voltage	⚡		
With transformer (*)	2P-16A		20-25V~	1	403.2416	
	2P-16A		20-25V~	1		403.2420
	2P-16A		40-50V~	1		403.2421
Without transformer	2P-16A		20-25V~	1		403.2620
	2P-32A		40-50V~	1		403.2621

■ SURFACE MOUNTING - IP66 - WITH FUSE HOLDER

ADVANCE-GRP Series

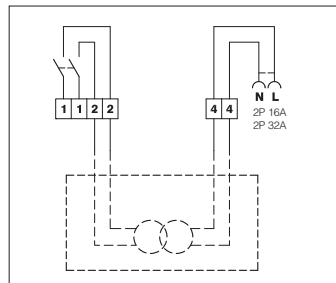
Description	Plug	Colour	Rated voltage	⚡	
With transformer (*)	2P-16A		20-25V~	1	503.2416-F

2 Wiring operations

Wiring capacity of the terminals (mm²)

Rated current (A)	Socket outlets	
	Min	Max
16A	4	4
32A	4	10

Socket without transformer wiring diagram



Note: external transformer

Rated voltage >50V

- Approvals: from page 561
- For the choice of bottoms, refer to the 16A-32A module.
(*) SELV transformer @ 220/24V - 150VA.

120



ADVANCE-GRP System
From page 122

121

INDUSTRIAL

2
3
4



ADVANCE-GRP System modular system



1.2

BASES AND CONSUMER UNIT - IP66/IP67

ADVANCE-GRP System

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊕	16A-32A	63A
Base for one socket	16A-32A	-	260x130	-	1	579.5100	
	63A	-	380x170	-	1		579.5200

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊕	16A-32A	63A
Base for one socket with derivation box	16A-32A	-	460x130	9	1	579.5110	
	63A	-	580x170	13	1		579.5210

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊕	16A-32A	63A
Base for one socket with consumer unit	16A-32A	6	460x130	9	1	579.5111	
	63A	8	580x170	13	1		579.5211

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊕	16A-32A	63A
Base for two sockets with derivation box	16A-32A	-	460x260	16	1	579.5120	
	63A	-	-	-	-		

Description	Module	DIN Module	HxB (mm)	Power dissipation (W)	⊕	16A-32A	63A
Base for two sockets with consumer unit	16A-32A	-	460x260	16	1	579.5121	
	63A	-	-	-	-		

- Power dissipation in conformity with CEI 23-49 CEI 23-49.
- IP66/IP67 when coupled with the respective component.

GALVANIZED STEEL SUPPORTS

ADVANCE-GRP System

Description	HxB (mm)	⊕	579.0030	579.0040
3x16A-32A	555x390	1		
4x16A-32A	555x520	1		579.0040

Description	HxB (mm)	⊕	579.0021	597.0031	579.0022
2x16A-32A + 1x63A	685x430	1	579.0021		
3x16A-32A + 1x63A	685x560	1		597.0031	
2x16A-32A + 2x63A	685x610	1			579.0022

Composition examples



INDUSTRIAL
1
2
3
4



ADVANCE-GRP System modular system

ACCESSORIES

ADVANCE-GRP System



Description	Contact	ꞯ	
Microswitch Kit for Advance GRP 16A-32A-63A for plug-inserted control	1NO/1NC	1/12	579.0100

Max 1 kit for 16A-32A sockets; Max 2 kit for 63A sockets.



Description	ꞯ		
Junction box Kit IP66/IP67 (16A-32A-63A) M40 (*)	1/12	579.0200	
Junction box Kit IP66/IP67 (63A) M50 (*)	1/12		579.0201
M32 bottom jointing Kit M32	1/12		579.0332

(*) Includes cable gland and gasket. - IP66/IP67 when coupled with the respective component.

AUXILIARY CONTACTS

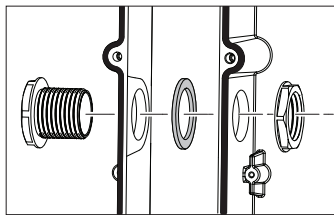
ADVANCE-GRP System



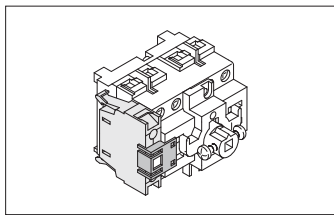
Description	For switches	ꞯ	
NC Contact	16A-32A	10	590.PL004001
	63A	10	590.PL004003
NA Contact	16A-32A	10	590.PL004002
	63A	10	590.PL004004

NC= normally closed.

NA= normally open.



M32 bottom jointing Kit.



Auxiliary contact assembled.

AS panels



Example of Mega Panel available in customized configuration.

INDUSTRIAL 1 2 3 4

