





Туре	Characteristic	NO	NC	Part No.
ype				7 4.17 1.101
	Green	1	-	1SFA619100R1012
	Yellow	1	-	1SFA619100R1013
	Blue	1	-	1SFA619100R1014
	Black	1	-	1SFA619100R1016
	Green	2	-	1SFA619100R1022
Flush	Black	2	-	1SFA619100R1026
Tusii	Red	-	1	1SFA619100R1041
	Black	-	1	1SFA619100R1046
	Red	1	1	1SFA619100R1071
	Green	1	1	1SFA619100R1072
	Yellow	1	1	1SFA619100R1073
	Blue	1	1	1SFA619100R1074
Raised	Red	-	1	1SFA619102R1041
		-	1	1SFA619500R1041
	30mm Stop twist release	-	2	1SFA619500R1051
Emergency	·	1	1	1SFA619500R1071
		-	1	1SFA6195550R1041
stop	40mm Stop twist release	-	2	1SFA619550R1051
·	·	1	1	1SFA619550R1071
	40 Oten Inni velenne	-	2	1SFA619552R1051
	40mm Stop key release	1	1	1SFA619552R1071

	_	-					
Selector	' Sw	ritches					
Туре	No. Pos	of itions	Action	Function	NO	NC	Part No.
				BC	1	-	1SFA619200R1016
				BC	2	-	1SFA619200R1026
				BC	1	1	1SFA619200R1076
		B C		AC	1	-	1SFA619201R1016
	2		Maintained	AC	2	-	1SFA619201R1026
				AC	-	1	1SFA619201R1046
Short Handle		_		AC	1	1	1SFA619201R1076
Switch				BC	2	-	1SFA619202R1026
				BC	1	1	1SFA619202R1076
				ABC	2	-	1SFA619210R1026
		₽ B C		ABC	1	1	1SFA619210R1076
	3		Spring reutrn	A-B-C	2	-	1SFA619211R1026
				AB-C	2	-	1SFA619212R1026
		_		AR C	1	1	10EA610212D1076

Pilot Lig	ghts		
Туре	Characteristic		Part No.
	Red		1SFA619402R1001
	Green		1SFA619402R1002
Pilot light	Yellow		1SFA619402R1003
heads	Blue		1SFA619402R1004
	White		1SFA619402R1005
	Clear		1SFA619402R1008
		Red	1SFA619403R5021
		Green	1SFA619403R5022
	24V AC/DC	Yellow	1SFA619403R5023
		Blue	1SFA619403R5024
		Clear	1SFA619403R5028
		Red	1SFA619403R5131
	100 - 130V AC	Green	1SFA619403R5132
Pilot light	100 - 130V AC	Yellow	1SFA619403R5133
heads		Clear	1SFA619403R5138
(Integrated		Red	1SFA619403R5151
LED)	100 - 130V DC	Green	1SFA619403R5152
	100 - 130V DC	Yellow	1SFA619403R5153
		Clear	1SFA619403R5158
		Red	1SFA619403R5231
		Green	1SFA619403R5232
	230V AC	Yellow	1SFA619403R5233
		Blue	1SFA619403R5234
		Clear	1SFA619403R5238

Pushbutton Enclosures	
Туре	Part No.
Compact enclosure 1 Hole - Yellow	1SFA619821R1000
Compact enclosure E-Stop	1SFA619821R1001
Compact enclosure E-Stop With shroud	1SFA619821R2001
E-Stop Shroud with compact enclosure	1SFA619920R8053
CP1-10W-10 Compact pushbutton	1SFA619100R1015
C2SS1-10R-20 Compact selector switch	1SFA619200R1021











#### **Pilot Devices - Modular 22mm Series**

Pushbuttons						
Туре	Characteristic			Part No. Plastic	Part No. Metal	
	Non illuminated			1SFA611100R100 🗆	1SFA611100R300	
		Red Green		1SFA611100R1101	1SFA611100R3001	
Flush	Illuminated			1SFA611100R1102	1SFA611100R3002	
		Yellow		1SFA611100R1103	1SFA611100R3103	
		White		1SFA611100R1105	1SFA611100R3105	
Raised	Non illuminated	Red		1SFA611102R1001	1SFA611102R3001	
Double	Non illuminated	O/D	1	1SFA611130R1106		
Function	Illuminated	- Green/R	eu	1SFA611131R1102		
Marahanaana	Non illuminated	D-4	40mm	1SFA611124R1001		
Mushroom	Non latching	Red	60mm	1SFA611125R1001		

Selec	Selector Switches							
Туре	No. o Posi		Action	Maintained Positions	Part No. Plastic	Part No. Metal		
	0	B	Maintained	B-C	1SFA611200R1006	1SFA611200R3006		
Short	2		Spring return	С-В	1SFA611202R1006	1SFA611202R3006		
Handle	3	P B C	Maintained	A-B-C	1SFA611210R1006	1SFA611201R3006		
			Spring return	A-B/C-B	1SFA611211R1006	1SFA611211R3006		

Key Switches							
Туре	No. Posi		Action	Key Removal	Part No. Plastic	Part No. Metal	
Key		* B	Maintained	B-C	1SFA611280R1001	1SFA611280R3001	
	2		Maintained	В	1SFA611281R1001	1SFA611281R3001	
			Spring return	В	1SFA611282R1001	1SFA611282R3001	
Operated			Maintained	A-B-C	1SFA611283R1001	1SFA611283R3001	
	3	B C	Maintained	В	1SFA611284R1001	1SFA611284R3001	
			Spring return	В	1SFA611285R1001	1SFA611285R3001	

Pilot Lights		
Туре	Characteristic	Part No. Plastic
	Red	1SFA611400R1001
	Green	1SFA611400R1002
Dilat light hoods	Yellow	1SFA611400R1003
Pilot light heads	Blue	1SFA611400R1004
	White	1SFA611400R1005
	Clear	1SFA611400R1008
Emergency stop twist to release	E-Stop 40mm	1SFA611523 <mark>R100</mark> 1

Гуре	NO	NC	Part No.
5 Block holder			1SFA611601R1100
3 Block holder			1SFA611605R1100
	1	-	1SFA611605R1101
	2	-	1SFA611605R1102
3 Block holder +	-	1	1SFA611605R1110
	1	1	1SFA611605R1111
	-	2	1SFA611605R1120
Contact block	1	-	1SFA611610R1001
Contact Diock	-	1	1SFA611610R1010
	2	-	1SFA611610R1002
Double contact block	1	1	1SFA611610R1011
	-	2	1SFA611610R1020















Part No. Completion
When ordering complete the
Part No. by adding the following:

Pushbuttons	
Colour	Code
Red	1
Green	2
Yellow	3
Blue	4
White	5
Black	6

















#### **Pilot Light Heads - Integrated LED**

Туре	Characteristic		Part No.
урс	Ondituotoristio		
		Red	1SFA611621R1011
		Green	1SFA611621R1012
	24V AC/DC	Yellow	1SFA611621R1013
		Blue	1SFA611621R1014
		Clear	1SFA611621R1015
Pilot light		Red	1SFA611621R1041
heads	100 - 130V AC	Green	1SFA611621R1042
Integrated		Yellow	1SFA611621R1043
ED)		Clear	1SFA611621R1045
		Red	1SFA611621R1071
		Green	1SFA611621R1072
	230V AC	Yellow	1SFA611621R1073
		Blue	1SFA611621R1074
		Clear	1SFA611621R1075

Enclosures & Accessories						
Туре	Characteristics	Part No.				
	1 Hole	1SFA611811R1000				
Emphy grov analogura	2 Hole	1SFA611812R1000				
Empty grey enclosure	3 Hole	1SFA611813R1000				
	4 Hole	1SFA611814R1000				
Empty yellow enclosure	1 Hole	1SFA611821R1000				
Mounting tool	New modular	1SFA611920R8015				
Emergency stop shroud	Modular	1SFA611920R8053				
Blanking plug	Black	1SFA611920R8130				
	Holder - Black	1SFA616920R8120				
Logand plata	Insert - No text	1SFA616920R8121				
Legend plate	Holder for plastic enclosures	1SFA611930R1060				
	Insert for plastic enclosures	1SFA611930R1061				

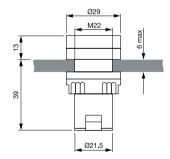
Conta	Contact Blocks for Enclosures						
NO	NC	Part No.					
1	0	1SFA611610R2001					
0	1	1SFA611610R2010					
2	0	1SFA611610R2002					
0	2	1SFA611610R2020					
1	1	1SFA611610R2011					

#### **LED Indicator Lamps**

A range of 22mm indicator lamps used in electrical circuits in a variety of voltages. They are primarily used for indication and alarm signals and conform to IEC60947-5-1. The AD56DS utilize LEDs for long life and very low energy consumption and have concealed terminals.

#### **Technical Specification**

Operating Temperature: -5...+40°C Operating Humidity: 45...85% RH Pollution Degree: Installation Degree: Ш Degree of Protection: Rated Operating Current: ≤80mA Electrical Life: ≥30000 hours Brightness:



LED Lamp	S		
Colour	24V AC	_230V	_110V
GOIOUI	Part No.	Part No.	Part No.
Blue	AD56DS-B-24	AD56DS-B-220	AD56DS-B-110
Green	AD56DS-G-24	AD56DS-G-220	AD56DS-G-110
Red	AD56DS-R-24	AD56DS-R-220	AD56DS-R-110
White	AD56DS-W-24	AD56DS-W-220	AD56DS-W-110
Yellow	AD56DS-Y-24	AD56DS-Y-220	AD56DS-Y-110

<b>LED Test L</b>	LED Test Lamps							
Colour	24V AC	230V	_110V					
Goloui	Part No.	Part No.	Part No.					
Blue	AD56LT-B-24	AD56LT-B-220	AD56LT-B-110					
Green	AD56LT-G-24	AD56LT-G-220	AD56LT-G-110					
Red	AD56LT-R-24	AD56LT-R-220	AD56LT-R-110					
White	AD56LT-W-24	AD56LT-W-220	AD56LT-W-110					
Yellow	AD56LT-Y-24	AD56LT-Y-220	AD56LT-Y-110					









#### 03 Series - IP40

Pushbuttons and illuminated pushbuttons with a bezel size of 24 x 48mm.

Pushbutton & Pilot Lights - IP40							
			Non-illuminated	Illuminated			
Туре	Switching Action	Contacts	Part No.	Part No.			
	Momentary action	1 CO	03-611.011	03-616.011			
D alaha		2 CO	03-612.011	03-617.011			
Pushbutton		1 CO	03-613.011	03-618.011			
	Maintained action	2 CO	03-614.011	03-619.011			
Indicator pilot light				03-021.001			

Pushbuttons & Indicator Pilot Lights are fitted with two independent lamp bases. Bezel/Lens/LED required.

Accessories	;	
Туре	Colour	Part No.
	Blue	03-901.6
	Green	03-901.5
	Orange	03-901.3
One-Part lens	Red	03-901.2
	White	03-901.9
	Yellow	03-901.4
	Black/opaque	03-901.0
	Green	10-2K12.1075
I ED Issues	Red	10-2K12.1072
LED lamps	Yellow	10-2K12.1074
24V AC/DC	Blue	10-2K12.1076
	White	10-2K12.1079
Front bezel flat	Black	03-965.0
Protective cover	Transparent	03-925
Spray proof cover	<u> </u>	03-924

#### 04 Series - IP65

A modular switching system for 22.5mm mounting holes.

Pushbutton					
Туре	Characteristic	Size (ø mm)	Front Ring / Bezel	Part No.	
			Aluminium	704.012.	
Pushbutton actuator	Momentary action	22.5	Black plastic	704.009.	
			Grey plastic	704.010.	
			Aluminium	704.032.	
Illuminated pushbutton			Black plastic	704.029.	
•			Grey plastic	704.030.	
Emergency stop - twist	Maintained action		Diantia	704.064.2	
release IEC60947.5	Maintained action	40mm	Plastic	704.075.2	

				Aluminium	Plastic	_	
Туре	No. Posi		Action	Part No.	Part No.		
	2	\ <u>"</u>	Maintained	704.411.0	704.410.0		
Short handle	3	<b>\</b>	Maintained	704.403.0	704.402.0		
	ა	\\docum_{\bullet}''	Spring return	704.405.0	704.404.0		
Long handle	2	\ <u>"</u>	Maintained	704.101.0	704.100.0		
		<b>\</b>	Maintained	704.093.0	704.092.0		
	3	'Ů"	Spring return	704.095.0	704.094.0		









□ Part No. Completion

Pushbuttons	
Colour	Code
Red	2
Green	5
Yellow	4
Blue	6
Clear	7















	Pa	rt N	o. C	om	plet	ion
Whe	n or	derir	ng c	omp	lete	the
Part	No.	bv a	ddir	ia th	e fol	lowing:

Pushbuttons					
Colour	Code				
Red	2				
Green	5				
Yellow	4				
Blue	6				
Clear	7				

	Key	Switches					
V						Aluminium	Plastic
	Туре	No. of Positions		Action	Key Removal	Part No.	Part No.
			' <u>"</u>	Maintained	II	704.120.0	704.340.0
		2	'\"	Maintained	I	704.121.0	704.341.0
	Key		\ <u>\</u> "	Maintained	I - II	704.122.0	704.342.0
	operate	d	<b>*</b>	Maintained	0	704.114.0	704.344.0
		3	<b>"</b>	Maintained	I - II	704.116.0	
			\\docum_"	Spring return	0	704.115.0	704.345.0

Contact Block						
Туре	NO	NC	Part No.			
	-	1	704.900.2			
	1	1	704.900.5			
Snap action	1	-	704.900.1			
	-	2	704.900.4			
	2	-	704.900.3			
	-	1	704.910.2			
Slow make	1	1	704.910.5			
	1	-	704.910.1			
(use with emergency stop)	-	2	704.910.4			
	2	-	704.910.3			

Accessories		
Туре	Characteristic	Part No.
Protective cover for pushbuttons		704.925.0
Protective front ring	Aluminium anodised with transparent silicone membrane	704.600.3

Pilot Lights		
Туре	Characteristic	Part No.
Full face illumination	Grey plastic	704.000.
Front illumination	Black plastic	704.006.
	Grey plastic	704.002.

Accessories				
Туре	Socket	Characteristic		Part No.
Lamp transformer units		115/24V AC		704.970.3
Lamp transformer units		230/24V AC		704.970.4
Flasher element		24V DC		704.943.5
		6V AC/DC/200mA		10-1406.1369
	Ba9s	12V AC/DC/100mA		10-1406.1329
Filament lamp Ba9		24V AC/DC/50mA		10-1412.1279
		110V AC/DC/22mA		10-1422.1179
		130V AC/DC/20mA		10-1424.1179
			Red	10-2512.1142
			Yellow	10-2512.1144
Single LED	Ba9s	24V AC/DC	Green	10-2512.1145
			Blue	10-2512.1146
			White	10-2512.1149

Other voltage LEDs available on request.









#### **04 Series Flush Mount**

A modular switching system for 30.5mm mounting holes. IP65 Sealed.

<b>Pushbutton</b>					
Туре	Characteristic	Front Ring / Bezel	Part No.		
Pushbutton actuator	Momentary action	Aluminium	704.012.	□ 18	
	Maintained action	Aluminium	704.042.	□ 18	
Illuminated	Momentary action	Aluminium	704.032.	□ 18	
pushbutton	Maintained action	Aluminium	704.062.	□ 18	

Selector	Switches				
Туре	No. of Position		Action	Front Ring / Bezel	Part No.
Obs. d. b.s. alla	2		Maintained	Aluminium	704.411.018
Short handle	3	<b>'</b>	Maintained	Aluminium	704.403.018

Conta	ct Blocks	
NO	NC	Part No.
1	0	704.900.1
0	1	704.900.2
2	0	704.900.3
0	2	704.900.4
1	1	704.900.5

#### **61 Series Flush Mount**

Flush mount switches 250V AC, 5A switches IP65 sealed

Illuminated Pushbuttons				
Bezel Shape	<b>Actuator Function</b>	Terminal	Size (mm)	Part No.
Cauara	Momentary		24x24	61-1100.0
Square	Maintained	Solder	24X24	61-1200.0
Rectangle	Indicator		24x30	61-0000.02

Front Beze	Front Bezel-Set						
Bezel Shape	Matrerial	Size (mm)	Part No.				
Round	Aluminium	22.5	61-9933.0				
		22.5	61-9933.10				
Square	Black plastic	24x24	61-9930.0				
Rectangular		24x30	61-9931.0				

Lens Illum	inative			
Bezel Shape	Colour	Size (mm)	Part No.	
	Red	19.7	61-9642.2	
Round	Yellow	19.7	61-9642.4	
	Green	19.7	61-9642.5	
Causes	Red	18x18	61-9671.2	
Square	Yellow	18x18	61-9671.4	
	Green	18x18	61-9671.5	
	Red	18x24	61-9681.2	
Rectangular	Yellow	18x24	61-9681.4	
	Green	18x24	61-9681.5	

Order Button/Bezel/Lens/Lamp for complete unit.





□ Part No. Completion When ordering complete the Part No. by adding the following:-

Pushbuttons	
Colour	Code
Red	2
Green	5
Yellow	4
Blue	6
Clear	7







Comp	lete Sv	vitch	consi	sts of

Series 61 Flush Mount

Lens	
Actuator	
Flush Bezel	
Contact Block	
Series 61 Raised	-
Series or naiseu	
Lens	
Actuator	
Contact Block	









# eao









#### Complete Switch consists of

Series 61 Flush Mount
Lens
Actuator
Flush Bezel
Contact Block
Series 61 Raised
Lens
Actuator

#### 61 Series - Raised

Raised switches 16mm mounted 250V AC, 5A switches IP65 sealed.

Illiminate	d Pushbuttons / Emergency Stop		
Shape	Actuator Function	Size (mm)	Part No.
	Momentary		61-1110.0
Round	Maintained	18	61-1210.0
	Indicator		61-0010.02
	Momentary		61-1120.0
Square	Maintained	18x18	61-1220.0
	Indicator		61-0020.02
	Momentary		61-1130.0
Rectangle	Maintained	18x24	61-1230.0
	Indicator		61-0030.02
Davind	Emergency stop (with arrows) Twist release	07	61-3440.4/1
Round	Emergency stop (marked STOP) EN418 Twist release	27	61-3440.4/2

Lens (Raised Mounting)						
Lens Shape	Colour	Lens Size (Approx) mm	Part No.			
	Red	15.8	61-9311.2			
Round	Yellow	15.8	61-9311.4			
	Green	15.8	61-9311.5			
	Red	15.3 x 15.3	61-9321.2			
Square	Yellow	15.3 x 15.3	61-9321.4			
	Green	15.3 x 15.3	61-9321.5			
	Red	21.5 x 15.3	61-9331.2			
Rectangle	Yellow	21.5 x 15.3	61-9331.4			
	Green	21.5 x 15.3	61-9331.5			

<b>Contact Blo</b>	ck Ser	ies 61			
Туре	Con	tact	Illuminated	Mounting	Part No.
Турс	NO	NC	mummateu	Mounting	i ait ivo.
	1	0	Yes	Plug-In 2.8mm	61-8410.22
Snap action gold	2	0	Yes	Plug-In 2.8mm	61-8420.22
	1	1	Yes	Plug-In 2.8mm	61-8470.22
	1	0	Yes	Plug-In 2.8mm	61-8410.12
Snap action silver	2	0	Yes	Plug-In 2.8mm	61-8420.12
	1	1	Yes	Plug-In 2.8mm	61-8470.12
	1	0	Yes	Screw Terminal	61-8610.11
Slow make silver	2	0	No	Screw Terminal	61-8625.11
	1	1	No	Screw Terminal	61-8675.11
Emergency Stop Cor	ntact Block				
	0	1		Solder 2.8mm	61-8745.17
Slow make silver	1	1		Solder 2.8mm	61-8755.17
Slow Illake Sliver	0	1		Screw Terminal	61-8745.11
	1	1		Screw Terminal	61-8775.11

Lamps / LEDs							
Function	Voltage / Current	Colour	Base Style	Part No.			
Lomp	14V/80mA	White	T1¾	10-1310.1319			
Lamp	28V/40mA	White	T1¾	10-1313.1249			
		Red	T1¾	10-2J12.1062			
Cinale LED	24V AC/DC	Yellow	T1¾	10-2J12.1064			
Single LED		Green	T1¾	10-2J12.1065			
		White	T1¾	10-2J12.3139			

Accessories				
Description	Part No.			
Emergency stop label	61-9970.2			
Lens remover for raised switches	02-905			
Lens remover for flush switches	61-9730.0			
Lamp / LED remover	61-9740.0			
Contact block removal tool	61-9711.0			

Order Button/Bezel/Lens/Lamp for complete unit.









Contact Block

**61 Series - Emergency Stop**Twist release, 16mm mounted, 50V, 0.2A, IP69K and IP67 Sealed.
Emergency Stop - Approved to EN60947-5-5 and ISO 13850.

61 Series – Emergency Stop							
Head Size	No. of Contacts	Mounting Depth	Connection Method	Illuminated 6-32V DC	Part No.		
27mm	1 NC	21.2mm	Plug-in/solder	No	61-6441.4047		
27mm	2 NC	21.2mm	Plug-in/solder	No	61-6441.4057		
27mm	3 NC	21.2mm	Plug-in/solder	No	61-6441.4067		
27mm	1 NO / 1 NC	21.2mm	Plug-in/solder	No	61-6441.4077		
27mm	2 NC / 1 NO	21.2mm	Plug-in/solder	No	61-6441.4087		
27mm	1 NC / 2 NO	21.2mm	Plug-in/solder	No	61-6441.4097		
27mm	1 NC	21.2mm	Plug-in/solder	Red LED	61-6451.4247		
27mm	2 NC	21.2mm	Plug-in/solder	Red LED	61-6451.4257		
27mm	1 NC / 1 NO	21.2mm	Plug-in/solder	Red LED	61-6451.4277		
40mm	1 NC	21.2mm	Plug-in/solder	No	61-6461.4047		
40mm	2 NC	21.2mm	Plug-in/solder	No	61-6461.4057		
40mm	3 NC	21.2mm	Plug-in/solder	No	61-6461.4067		
40mm	1 NO / 1 NC	21.2mm	Plug-in/solder	No	61-6461.4077		
40mm	2 NC / 1 NO	21.2mm	Plug-in/solder	No	61-6461.4087		
40mm	1 NC / 2 NO	21.2mm	Plug-in/solder	No	61-6461.4097		

# **84 Series - Emergency Stop**Twist release, 22.3mm mounted, 250V AC 3A, IP65 Sealed. Emergency Stop - Non Illuminated - Approved to EN60947-5-5 and ISO 13850.

Actuation Status Ring	No. of Contacts	Mounting Depth	Connection Method	Illuminated	Part No.
Green	1 NO	18mm	Plug-in/solder	No	84-5121.0020
reen	1 NO / 1NC	18mm	Plug-in/solder	No	84-5131.0020
ireen	2 NO	18mm	Plug-in/solder	No	84-5141.0020
Black	1 NO	18mm	Plug-in/solder	No	84-5020.0020
Black	1 NO / 1NC	18mm	Plug-in/solder	No	84-5030.0020
Black	2 NO	18mm	Plug-in/solder	No	84-5040.0020
Green	1 NO	13mm	Flying Lead	No	84-5120.0040
Green	1 NO / 1NC	13mm	Flying Lead	No	84-5130.0040
Green	2 N0	13mm	Flying Lead	No	84-5140.0040
llack	1 NO	13mm	Flying Lead	No	84-5020.0040
lack	1 NO / 1NC	13mm	Flying Lead	No	84-5030.0040
lack	2 N0	13mm	Flying Lead	No	84-5040.0040

84 Series – Emergency Stop Illuminated								
Actuation Status Ring	No. of Contacts	Mounting Depth	Connection Method	Illuminated	Part No.			
Green	1 NO	18mm	Plug-in/solder	Red LED	84-5121.2B20			
Green	1 NO / 1NC	18mm	Plug-in/solder	Red LED	84-5131.2B20			
Green	2 NO	18mm	Plug-in/solder	Red LED	84-5141.2B20			7
Black	1 NO	18mm	Plug-in/solder	Red LED	84-5021.2B20			
Black	1 NO / 1NC	18mm	Plug-in/solder	Red LED	84-5031.2B20			
Black	2 NO	18mm	Plug-in/solder	Red LED	84-5041.2B20			
Green	1 NO	13mm	Flying Lead	Red LED	84-5121.2B40			
Green	1 NO / 1NC	13mm	Flying Lead	Red LED	84-5131.2B40			
Green	2 NO	13mm	Flying Lead	Red LED	84-5141.2B40			
Black	1 NO	13mm	Flying Lead	Red LED	84-5021.2B40			
Black	1 NO / 1NC	13mm	Flying Lead	Red LED	84-5031.2B40			
Black	2 NO	13mm	Flying Lead	Red LED	84-5041.2B40			





















Part No. Completion When ordering complete the Part No. by adding the following:-

	Colour	Code
Pushbuttons & Indicator Lights	Red	R
	Green	G
	Yellow	Υ
	Blue	В
	Black	S
	White	W

#### **RMQ Titan Series**

<b>Pushbuttons</b>			
Туре	Charactoristic	Part No.	
Eluah asa	Spring return	M22-D-	
Flush cap	Maintained	M22-DR-	
Deiardon	Spring return	M22-DH-	
Rais <mark>ed ca</mark> p	Maintained	M22-DRH-	
Double function	With indicator	M22-DDL-GR-X1/X0	
Mushroom	Spring return	M22-DP-R/X0	

Selector Switches				
Туре	No. of Position		Action	Part No.
Short handle	2	<u>'</u>	Maintained	M22-WKV
Short handle	3	<b>"</b>	Maintained	M22-WRK3
Set of coding adaptors for con and spring return function.	verting betweer	n mainta	ned	M22-XC-Y

Key Swit	ches				
Туре	No. of Position		Action	Key Removal	Part No.
Voy aparated	2	\ <u>_</u> "	Maintained	0-I	M22-WRS
Key operated	3	<b>\_</b> "	Maintained	I-0-I!	M22-WRS3
Set of coding ac return function.	laptors for converting betwee	en mainta	ined and spring		M22-XC-Y
Set of coding ad	daptors for converting key wit	thdrawab	ility		M22-XC-R

Indicator Lights	
Туре	Part No.
Flush	M22-L-
Extended	M22-LH-

Illuminated Pushbuttons			
Туре	Charactoristic	Part No.	
Flush oon	Spring return	M22-DL-	
Flush cap	Maintained	M22-DRL-	

Fixing Adaptors	;				
Tuno	No. of	Con	ıtact	— Part No.	
Туре	Position	NO	NC	- Part No.	
Fixing adaptor	Front			M22-A	
	Front	1	0	M22-K10	
Contact alone arts	FIOIIL	0	1	M22-K01	
Contact elements	Base	1	0	M22-KC10	
	base	0	1	M22-KC01	









LED Elements					
Rating	Fixing	Part No.			
10.00\/.40/D0	Front	M22-LED-			
18-30V AC/DC	Base	M22-LEDC-			
85-264V AC/DC	Front	M22-LED230-			
00-204V AU/DU	Base	M22-LEDC230-			

Accessories	
Туре	Part No.
Blanking plug	M22-B
Diaphragms transparent	M22-T-D
Adaptor ring set 30/22.5mm	M22S-R30
Combination box spanner	M22-MS

Legend Plates & Legends					
Туре	Charactoristic	Part No.			
Legend plate without holders,	30mm wide	M22S-ST-X			
insert plates for label mounts		M22S-XST			
	0 1	M22S-ST-X89			
	I 0 II	M22S-ST-X93			
	STOP STOP	M22S-ST-GB0			
	START	M22S-ST-GB1			
	0FF	M22S-ST-GB5			
Complete legend plates Std.	ON	M22S-ST-GB6			
30x50mm with 18x27mm	FAULT	M22S-ST-D8			
legends	RUN	M22S-ST-GB7			
	HAND AUTO	M22S-ST-D11			
	MAN. AUTO	M22S-ST-GB11			
	OFF ON	M22S-ST-GB10			
	HAND 0 AUTO	M22S-ST-D12			
	MAN. O AUTO	M22S-ST-GB12			
Emergency legand plates	Ø 90mm	M22-XAK1			
Emergency legend plates	Ø 60mm	M22-XBK1			

Emergency-Stop Actuators IP66			
Mounting	Characteristic	Part No.	
Surface	Complete unit	M22-PV/KC11/IY	
	Non-illuminated	M22-PV	
Front pull to release	Illuminated	M22-PVL	
	Key	M22-PVS	
Front twist to release	Non-illuminated	M22-PVT	
Front twist to release	Illuminated	M22-PVLT	

Pushbutton Enclosures - IP66				
Туре	Part No.			
1 Gang	M22-I1	/	7	
2 Gang	M22-I2		/	
1 Gang for emergency-stop activators	M22-IY1			











Part No. Completion
When ordering complete the
Part No. by adding the following:-

	Colour	Code	
	Red	R	
日	Green	G	
	Blue	В	
	White	W	









# Schneider Electric













#### □ Part No. Completion When ordering complete the Part No. by adding the following:-

	Colour	Code
	White	1
cuo	Black	2
Pushbuttons	Green	3
Pus	Red	4
	Yellow	5
	Blue	6

#### **Harmony XB4 Series - Metal**

rpe		Charactoristic	Part No.
		Choice of 6 colours	ZB4 BA
		Green push with "I" marking	ZB4 BA331
		Green push with "START" marking	ZB4 BA333
ush cap		Red push with "0" marking	ZB4 BA432
		Red push with "STOP" marking	ZB4 BA434
	Transparent cap for insertion of legend	Choice of 6 colours	ZB4 BA □ 8
	High bezel	Choice of 6 colours	ZB4 BA 🔲 4
		Choice of 6 colours	ZB4 BL
aised cap		Red push with "0" marking	ZB4 BL434
		Red push with "STOP" marking	ZB4 BL432
	2 Flush	Green push with "I" marking / Red push with "O" marking	ZB4 BA7341
	1 Flush 1 Raised	Green push with "I" marking / Red push with "O" marking	ZB4 BL7341
ouble function	2 Flush 1 Clear central pilot light <sup>(1)</sup>	Green push with "I" marking / Red push with "O" marking	ZB4 BW7A3741
	1 Flush 1 Raised 1 Clear central pilot light (1)	Green push with "I" marking / Red push with "O" marking	ZB4 BW7L3741
	2 Flush 1 Raised red push marked "STOP"	White push with "♠" marking / Black push with "♣" marking	ZB4 BA71124
	30mm	Green	ZB4 BC34
lushroom head	40mm	Green	ZB4 BC3
ring return	60mm	Green	ZB4 BR3
	40mm Push-pull	Black	ZB4 BT2
	60mm Push-pull	Black	ZB4 BX2
	30mm Turn to release	Black	ZB4 BS42
ushroom head	40mm Turn to release	Yellow	ZB4 BS55
tching	60mm Turn to release	Black	ZB4 BS62
	30mm Key release (2)	Black	ZB4 BS72
	40mm Key release (2)	Black	ZB4 BS12
	60mm Key release (2)	Black	ZB4 BS22
	40mm Push-pull		ZB4 BT84
morgonou oton ord	60mm Push-pull		ZB4 BX84
mergency stop and	30mm Turn to release		ZB4 BS834
mergency switching	40mm Turn to release		ZB4 BS844
ff	60mm Turn to release		ZB4 BS864
ed mushroom head,	30mm Key release (2)		ZB4 BS934
lechanical latching	40mm Key release (2)		ZB4 BS944
	60mm Key release (2)		ZB4 BS964
mergency switching ff, illuminated, ed mushroom head, lechanical latching	40mm Push-pull (1)	Illuminated	ZB4 BW643

- (1) Only for use with bodies comprising a light source with integral LED.
- $\ensuremath{\text{(2)}}\ \text{For specific keys with other numbers, please consult your local sales of fice.}$









#### **Harmony ZB4 Series - Metal**

Туре	No. of Position		Action	Padlockable Position	Part No.
	2	'_"	Maintained		ZB4 BD2
Chart handle	2	$\Diamond$	Spring return		ZB4 BD4
Short handle	0	<b>"</b>	Maintained		ZB4 BD3
	3	\\docum_{\infty}\''	Spring return		ZB4 BD5
	2	\ <u>\</u> "	Maintained		ZB4 BJ2
		$\Diamond$	Spring return		ZB4 BJ4
Long handle	3 -	<b>,</b> "	Maintained		ZB4 BJ3
		\\docume{\psi}\''	Spring return		ZB4 BJ5
		'_"	Maintained	I - II	ZB4 BJ294
	2	$\Diamond$	Spring return	I	ZB4 BJ491
Long handle padlockable		· "	Maintained	I	ZB4 BJ391
	3	<b>*</b>	Maintained	II	ZB4 BJ392
		"Ů"	Spring return	0	ZB4 BJ593

<b>Key Switches</b>					
Туре	No. of Position		Action	Key Removal	Part No.
Key operated with key No.455 (1)	0	\ <u>\</u>	Maintained	I - II	ZB4 BG4
	2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Spring return	I	ZB4 BG6
	- "	- 💐	Maintained	I - II - 0	ZB4 BG0
	3		Spring return	0	ZB4 BG7

Body Fixing Collar		
Туре	Part No.	
Body fixing collars for use with electrical block (contact or light)	ZB4 BZ009	

Pilot Lights					
Туре	Charactoristic	Part No.			
Dilat liabt basels	Head with non removable lens for LED	ZB4 BV0	3	7	
Pilot light heads	Head with plain lens for insertion of legend for LED	ZB4 BV0	3E		
	24V AC/DC	ZB4 BVB		/	/
Dady aub accombly	24/120V AC	ZB4 BVBG			
Body sub assembly	24/120V AC	ZB4 BVG			
	230/240V AC	ZB4 BVM			
Flush cap for LED	Pushing spring return	ZB4 BW3	3		















Part No. Completion
When ordering complete the
Part No. by adding the following:

Pilot lights	Colour	Code
	White	1
	Green	3
	Red	4
	Orange	5
	Blue	6







# Schneider Electric











#### □ Part No. Completion When ordering complete the Part No. by adding the following:

	Colour	Code	
	White	1	
Suo	Black	2	
Pushbuttons	Green	3	
Pus	Red	4	
	Yellow	5	
	Blue	6	

#### **Harmony ZB5 Series - Plastic**

	01	D. J. H.
		Part No.
-	Choice of 6 colours	ZB5 AA
_	Green push with "I" marking	ZB5 AA331
	Green push with "START" marking	ZB5 AA333
_	Red push with "0" marking	ZB5 AA332
-	Red push with "STOP"	ZB5 AA334
Transparent cap for insertion	Choice of 5 colours	ZB5 AA □ 8
High bezel		ZB5 AA  4
-	Choice of 6 colours	ZB5 CA
Square	Green push with "I" marking	ZB5 CA431
	Red push with "0" marking	ZB5 CA432
Clear silicon boot IP69	Green	ZB5 AP38
Protection for insertion of	Red	ZB5 AP48
protected legend		
		ZB5 AA G
Square		ZB5 CA
-		ZB5 AL
Circle	marking	ZB5 AL434
	Red push with "0" marking	ZB5 AL432
Square	Choice of 6 colours	ZB5 CL □
Clear silicon boot IP69K protection	Choice of 6 colours	ZB5 AP □
2 Flush	Green push with "I" marking / Red push with "O" marking	ZB5 AA7341
1 Flush 1 Raised	Green push with "I" marking / Red push with "O" marking	ZB5 AL7341
2 Flush 1 Clear central pilot light <sup>(1)</sup>	Green push with "I" marking / Red push with "O" marking	ZB5 AW7A3741
1 Flush 1 Raised 1 Clear central pilot light <sup>(1)</sup>	Green push with "I" marking / Red push with "O" marking	ZB5 AW7L3741
2 Flush 1 Raised red push marked "STOP"	White push with "♠" marking / Black push with "↓" marking	ZB5 AA71124
30mm Push-pull	Green	ZB5 AC34
		ZB5 AC44
40mm Push-pull		ZB5 AC3
<u> </u>	Green	ZB5 AC4 ZB5 AR3
<u> </u>	Red	ZB5 AR4
•		ZB5 AT24
		ZB5 AT2
		ZB5 AX2
		ZB5 AS42
		ZB5 AS52 ZB5 AS62
		ZB5 AS72
40mm Key release(2)		ZB5 AS12
		ZB5 AS22
<u> </u>		ZB5 AT84
		ZB5 AS834
		ZB5 AS844
30mm Key release <sup>(2)</sup>		ZB5 AS934
		という パンプンサ
40mm Key release <sup>(2)</sup>		ZB5 AS944
	of legion High bezel  Square  Clear silicon boot IP69 Protection for insertion of protected legend Circle Square  Circle  Square  Clear silicon boot IP69K protection  2 Flush  1 Flush 1 Raised  2 Flush 1 Clear central pilot light(1)  1 Flush 1 Raised 1 Clear central pilot light(1)  2 Flush 1 Raised red push marked "STOP"  30mm Push-pull 40mm Push-pull 60mm Push-pull 40mm Push-pull 30mm Turn to release 40mm Turn to release 40mm Turn to release 30mm Key release(2) 40mm Push-pull 30mm Turn to release 40mm Turn to release	Green push with "START" marking Red push with "O" marking Red push with "STOP" marking Choice of 5 colours High bezel Choice of 6 colours Choice of 6 colours Choice of 6 colours Choice of 6 colours Green push with "O" marking Red push with "O" marking Green push with "O" marking Clear silicon boot IP69 Protection for insertion of protected legend Circle Choice of 6 colours Red push with "STOP" marking Red push with "O" marking Red push with "O" marking Clear silicon boot IP69K Protection Circle Choice of 6 colours Choice

- (1) Only for use with bodies comprising a light source with integral LED.
- (2) For specific keys with other numbers, please consult your local sales office.

Bellows for Harsh Environments (IP69)						
Туре	Material		Part No.			
ZB4 BT4 ZB4 BW643	Silicone	Red	ZBZ 48			
& ZB5 AT84 ZB5 AS964	EPDM	Black	ZBZ 28			
ά ZD3 A104 ZD3 A5904	EPDIVI	Yellow	ZBZ 58			









Selector Switches					
Туре	No. of Position	Action	Padlockable Position	Part No.	
Short Handle	2	\_" Maintained		ZB5 AD2	
		Spring return		ZB5 AD4	
	3	" Maintained		ZB5 AD3	
		🖒 Spring return		ZB5 AD5	
	2 —	'" Maintained		ZB5 AJ2	
Long Handle		Spring return		ZB5 AJ4	
	3	" Maintained		ZB5 AJ3	
		Spring return		ZB5 AJ5	

<b>Key Switches</b>						
Туре	No. of Position		Action	Key Removal	Part No.	
Key operated with key No.455 <sup>(1)</sup>		· "	Maintained	I	ZB5 AG2	
		2	\ <u>\</u> "	Maintained	I - II	ZB5 AG4
		$\Diamond$	Spring return	I	ZB5 AG6	
		· • =	Maintained	I - 0 - II	ZB5 AG0	
	3	\\docum_{\text{"}}\)"	Spring return	0	ZB5 AG7	

Body Fixing Collar	
Description	Part No.
Body fixing collars for use with electrical block (contact or light)	ZB5 AZ009

Contact Blocks for ZB4 & ZB5				
Туре	NO	NC	Part No.	
Standard screw clamp terminal blocks single contact	1	-	ZBE 101	
	-	1	ZBE 102	
Chandend annian alama terminal blacks	1	-	ZBE 1015	
Standard spring clamp terminal blocks	-	1	ZBE 1025	
	1	-	ZBE 501	
High against an Mahing against alama	-	1	ZBE 502	
High power switching screw clamp terminal blocks	2	-	ZBE 503	
	-	2	ZBE 504	
	1	1	ZBE 505	

Pilot Lights						
Туре		Charactoristic	Part No.			
Pilot Light Heads		Head with non removable lens for LED	ZB5 AV0	3		
	Circle	Head with plain lens for insertion of legend for LED	ZB5 AV0	3E		
		Head with grooved lens for LED	ZB5 AV0	38		
	Square	Head with grooved lens for LED	ZB5 CV0	3		
		24V AC/DC	ZB5 AVB			
Body Sub Assembly		110/120V AC	ZB5 AVG			
		230/240V AC	ZB5 AVM			













Part No. Completion
When ordering complete the
Part No. by adding the following:

	Colour	Code
w	White	1
ight	Green	3
Pilot lights	Red	4
-	Orange	5
	Blue	6







# Schneider Electric





# Part No. Completion When ordering complete the Part No. by adding the following:

	Colour	Code
2	White	1
Pushbuttons	Green	3
shb	Red	4
곱	Yellow	5
	Blue	6

#### **Accessories for Harmony Series XB4 & XB5**

Light Blocks		
Туре	Charactoristic	Part No.
Integral LED	12V AC/DC	ZBV J
	24V AC/DC	ZBV B
Screw clamp	230/240V AC	ZBV G
Term <mark>inal c</mark> onnections	230/240V AC	ZBV M

4	Lengend Plates & Le	egends	
	Туре	Charactoristic	Part No.
	Legend holders, Std.30 x 40mm	Without Legend	ZBZ 32
	, , , , , , , , , , , , , , , , , , , ,	With Blank Black or Red Legend	ZBY 2101
		With Blank White or Yellow Legend	ZBY 4101
		0	ZBY 2146
		1	ZBY 2147
		II	ZBY 2148
		0 - I	ZBY 2178
		1 - 11	ZBY 2179
		I - 0 - II	ZBY 2186
		AUT0	ZBY 2115
		CLOSE	ZBY 2314
		DOWN	ZBY 2308
		FAST	ZBY 2328
		FORWARD	ZBY 2305
	Legend ho <mark>lders,</mark> Std.30 x 40mm	HAND	ZBY 2316
		INCH	ZBY 2321
	With 8 x 24mm legends	LEFT	ZBY 2310
	(Black background)	OFF - ON	ZBY 2367
	(Eldert Ederty: Calla)	ON	ZBY 2311
		OPEN	ZBY 2313
		POWER ON	ZBY 2326
		REVERSE	ZBY 2306
		RIGHT	ZBY 2309
		RUN	ZBY 2334
		SLOW	ZBY 2327
		START	ZBY 2303
		UP	ZBY 2307
		EMERGENCY STOP	ZBY 2330
		0	ZBY 2931
		0FF	ZBY 2312
		STOP	ZBY 2304
	Transparent cap legends	0	ZBY 1146
	(sheets of 66 circular)	1	ZBY 1147
		60mm dia. Blank	ZBY 9101
	Emergency legend plates (Circular)	90mm dia. Blank	ZBY 8101
	Yellow background	60mm dia. EMERGENCY STOP	ZBY 9320
		90mm dia. EMERGENCY STOP	ZBY 8330

Ancillaries	
Туре	Part No.
Blanking hole plug	ZB5 SZ3

Harmony Control Station		
Туре	Charactoristic	Part No.
	"I" / "O" (Green/Red) - NO+NC station	XALD213
	2 button "UP" / "DOWN"	XALD222
Complete	"UP" / "0" / "DOWN" - NO+NC+NO station	XALD324
	Turn to release E-Stop 2 NC	XALK178F
	Key operated E-Stop 2 NC	XALK188F
	1 Hole empty control station	XALD01
Emphy analogues for 7DE	2 Hole empty control station	XALD02
Empty enclosure for ZB5	3 Hole empty control station	XALD03
	1 Hole empty E-Stop station	XALK01
Cinale contest block	Head Ø22 1NO screw clamp terminal	ZENL1111
Single contact block	Head Ø22 1NC screw clamp terminal	ZENL1121

Harmony 22mm Biometric Switch		
Туре	Description	Part No.
PNP Bistable biometric switch	24V 2m	XB5S1B2L2
	24V M12	XB5S1B2M12
PNP Monostable biometric switch	24V 2m	XB5S2B2L2
	24V M1	XB5S2B2M12









#### **XAC Series Pendant Control Stations**

The XAC-A pendant control stations are designed for mechanical handling of hoists and travelling cranes and similar applications.

The IP65 polypropylene casings are available from 2 way to 12 way and can accommodate a variety of actuators.

<b>Empty Enclosures</b>	
Туре	Part No.
2 Cut Outs	XAC A02
3 Cut Outs	XAC A03
4 Cut Outs	XAC A04
5 Cut Outs	XAC A05
6 Cut Outs	XAC A06
8 Cut Outs	XAC A08
12 Cut Outs	XAC A12

Protective Guards for Base Mounted Units		
Description	Part No.	
To protect either a selector switch or mushroom head pushbutton	XAC A982	
To protect either a key switch or key release emergency stop	XAC A983	

22.5mm Pushbuttons		
Туре	Characteristic	Part No.
Booted pushbutton		XAC A941 🔲
Emergency stop	30mm Turn release	ZA2 BS834
Red mushroom head	40mm Turn release	ZA2 BS844
	40mm Key release	ZA2 BS944

Switches						
Туре	No. of Position		Action		Part No.	
Selector switch	2		Maintained		ZA2 BD2	
Selector Switch	3	<b>"</b>	Maintained		ZA2 BD3	
Vou awitah	2	\ <u>"</u>	Maintained	I-II	ZA2 BG4	
Key switch	3	<b>;</b>	Maintained	0	ZA2 BG3	

Accessories	
Description	Part No.
Blanking plug with seal and lock nut	ZB2 SZ3
Mechanical interlock for 2 pushbuttons	XAC A009

Pilot Lights					
Туре	Characteristic	Part No.			
Dilat light hands	For use with incandescent bulb	ZA2 BV0			
Pilot light heads	For use with neon bulb	ZA2 BV0	3		
Dilat light hady	Direct supply 400V	ZA2 BV006		/	
Pilot light body	Through resistor 230V	ZA2 BV007			

Contact Blocks						
NO	NC	Charactoristic	Part No.			
1	-	Front mounting	ZB2 BE101			
-	1	Front mounting	ZB2 BE102			
2	1 Staggered	Front mounting	XEN G1191			
1	-	Base mounting	XAC S101			
-	1	Base mounting	XAC S102			
2	-	Base mounting	XAC S103			
-	2	Base mounting	XAC S104			
1	1	Base mounting	XAC S105			





Part No. Completion
When ordering complete the
Part No. by adding the following:-

C	olour	Code		Code
В	lack	2		
g R	ed	4	so.	4
Pushbuttons	ellow	5	Pilot Lights	5
G G	reen	3	ilot	3
В	lue	6	~	6
W	/hite	1		1
С	lear			7















## **SIRIUS ACT**

Pushbuttons						
Туре	Characteristic	Plastic Part No.	Metal Part No.			
	Black	3SU10000AB100AA0	3SU10500AB100AA0			
	Red	3SU10000AB200AA0	3SU10500AB200AA0			
Pushbutton with flat button	Yellow	3SU10000AB300AA0	3SU10500AB300AA0			
Pushbutton with hat button	Green	3SU10000AB400AA0	3SU10500AB400AA0			
	Blue	3SU10000AB500AA0	3SU10500AB500AA0			
	White	3SU10000AB600AA0	3SU10500AB600AA0			
Emergency stop mushroom	Red	3SU10001HB200AA0	3SU10501HB200AA0			
Illuminated Pushbuttons						
	Red	3SU10010AB200AA0				
	Yellow	3SU10010AB300AA0				
Illuminated with flat button	Green	3SU10010AB400AA0				
	Blue	3SU10010AB500AA0				
	White	3SU10010AB600AA0				
<b>Indicator Lamps</b>						
	Red	3SU10016AA200AA0				
Indicator lights with	Yellow	3SU10016AA300AA0				
Indicator lights with	Green	3SU10016AA400AA0				
SHIOOUI IEHS	Blue	3SU10016AA500AA0				
	White	3SU10016AA600AA0				

Select	Selector Switches								
Туре	No. Pos	of sition	Action	Maintained Positions	Part No. Plastic	Part No. Metal			
			Spring return	B-C	3SU10022BC100AA0				
	2	* B C	Maintained	B-C	3SU10022BF100AA0	3SU10522BC100AA0			
Short Handle			Key switch	B-C	3SU10004BF110AA0				
	3		Maintained	A-B-C	3SU10022BL100AA0	3SU10522BL100AA0			
	J		Spring return	A-B/C-B	3SU10022BM100AA0				

Conta	Contact Blocks for Enclosures							
NO	NC		Part No.					
1	0	Screw terminal, for front plate mounting	3SU14001AA101BA0					
0	1	Screw terminal, for front plate mounting	3SU14001AA101CA0					
0	0	Holder for 3 modules, plastic	3SU15000AA100AA0					
1	0	Holder for 3 modules, plastic, screw terminal	3SU15001AA101BA0					
0	1	Holder for 3 modules, plastic, screw terminal	3SU15001AA101CA0					
1	0	Holder for 3 modules, metal, screw terminal	3SU15501AA101BA0					
0	1	Holder for 3 modules, metal, screw terminal	3SU15501AA101CA0					

LED Mo	odules		
Voltage	Colour		Part No.
	Red		3SU14011BB201AA0
	Yellow		3SU14011BB301AA0
24V AC/DC	Green	Screw terminal, for front plate mounting	3SU14011BB401AA0
	Blue		3SU14011BB501AA0
	White		3SU14011BB601AA0
LED Mo	odules		
	Red		3SU14011BH201AA0
04.040V	Yellow		3SU14011BH301AA0
24-240V	Green	Screw terminal, for front plate mounting	3SU14011BH401AA0
AC/DC	Blue		3SU14011BH501AA0
	White		3SU14011BH601AA0









18

#### **LMU Series Direct Voltage Indicator Lamps**

Direct Voltage Indicators enable indicator lamps to be connected directly to the Supply Voltage.

Input Voltages: Same as and determined by the lamp used. Lamp Caps: E0 Miniature Edison Screw - MES

**Mounting Type** 

Mount to panel using JY or H series housings and lenses.

LMU's screw onto housings

LMU - Standard Direct Indicator Lamp Body				
Туре	Part No.			
C/W 24V lamp	LMU24/4			
W/O lamp	LMUMES/4			



#### **TMU Series Transformer Lamp Indicators**

Transformer lamps are generally used for running indicator lamps on control panels at low voltages.

Input Voltages: 24,110, 240V AC. 50/60 Hz as standard. Frequency:

Lamps: 6V, 1.8W tubular filament lamp supplied as standard.

**Mounting Type** 

Mount to panel using JY or H series housings and lenses.

TMU's screw onto housings

LMU - Standard Transformer Indicator Lamp Body			
Input Voltage	Part No.		
24	TMU/24/4		
110	TMU/110/4		
240	TMU/240/4		



#### MTMU Series Multi-Lamp Test Indicators

Multi-Lamp Test Indicators enable groups of indicator lamps to be tested from a single pushbutton switch without interrupting normal operation.

**Functions** 

Input Voltages: 24,110, 240V AC. 50/60 Hz as standard. Frequency:

6V, 1.8W tubular filament lamp supplied as standard. Lamps:

**Mounting Type** 

Mount to panel using JY or H series housings and lenses.

MTMU's screw onto housings

MTMU - Standard Multi-Test Transformer Indicator Body				
Input Voltage	Part No.			
24	MTMU/24/4			
110	MTMU/110/4			
240	MTMU/240/4			





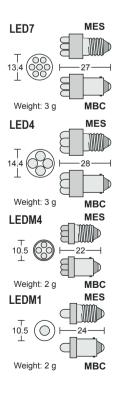








Code Red Amber Green White Clear Blue



#### **Housings & Lenses**

#### **JY Series**

Housings: Black moulded glass reinforced nylon. Polycarbonate welded to brass. I ens: Protection:

Housing	
Hole Diameter (mm)	Part No.
Ø19	MP HOUSING BODY
Ø22.5	FP HOUSING BODY

Lens			
Lens Diamet	er (mm)	Part No.	
Ø22.3	For MP Housing	BJ LENS BENZEL	
Ø30	For MP & FP Housing	BY LENS	

#### **H Series**

Housings: Lens: Protection: Chrome plated brass.

Polystyrene (2W lamp maximum)

Housing		
Hole Diameter	r (mm)	Part No.
Ø19		MH LESS LENS
Ø22.5		FH LESS LENS
Ø22.5		FHB LESS LENS

Lens			
Lens Diameter (mm)		Part No.	
Ø17.5	For MH Housing	MA LENS	
Ø17	For MH Housing	MC LENS	
Ø21.5	For MF Housing	FA LENS	
Ø23.5	For MF Housing	FB/LB LENS	

#### **LED Cluster**

Long life, bright lamps at lower currents. The LEDs are configured as standard in parallel circuits. This means that the functionality of the lamp is maintained in the event of a diode failure.

<b>.</b>		pply	Cu	rrent	mA		Produc	t Code Make-Up	
Туре	AC/ DC	Volts	AGR	В	W	Туре	Colour	Supply Current	Cap
	AC	4.5	60	80	80			4.5V AC	
<b>LED7</b> Wide light		24	40	40	40		Α	24V AC	
		110	8	8	8	LED7	G R	101V AC	MES or
spread for indictor		*4.5	80	-	-	LEDI	В	4.5V DC	MBC
lamps	DC	24	40	40	40		W	24V DC	
	24	20	20	20			24V DC 20mA		
		4.5	40	40	40	LEDA		4.5V AC	
	AC	24	40	40	40		Α	24V AC	
LED4 for indictor		110	8	8	8		LED4	G R	101V AC
lamps		*4.5	40	-	-	LED4	В	4.5V DC	MBC
	DC	24	40	40	40		W	24V DC	
		24	20	20	20			24V DC 20mA	
		4.5	20	20	20		Α	4.5V AC	
LEDM1 for indictor	AC	24	20	20	20	LEDM1	G R	24V AC	MES
lamps		110	8	8	8	LEDIVII	В	101V AC	or MBC
	DC	24	20	20	20		W	24V DC	

\* Blue and White clusters are not available at 4.5V DC Colour Key: A=Amber, G=Green, R=Red, B=Blue, W=White

LED Cluster MES or MBC						
Colours	Туре					
Amber,	LED7 4.5V AC or DC					
Green	LED7 24V AC or DC					
or Red	LED7 110V AC					
	LED7 4.5V AC or DC					
Blue	LED7 24V AC or DC					
	LED7 110V AC					
	LED7 4.5V AC or DC					
White	LED7 24V AC or DC					
	LED7 110V AC					
Amber,	LED7 4.5V AC or DC					
Green	LED7 24V AC or DC					
or Red	LED7 110V AC					
	LED7 4.5V AC or DC					
Blue	LED7 24V AC or DC					
	LED7 110V AC					
	LED7 4.5V AC or DC					
White	LED7 24V AC or DC					
	LED7 110V AC					
Amber	LED7 4.5V AC or DC					
or Red	LED7 24V AC or DC					
oi neu	LED7 110V AC					
Blue,	LED7 4.5V AC or DC					
Green	LED7 24V AC or DC					
or White	LED7 110V AC					

Product Part No.	Make-Up	
Example 1	LED7A 4.5V AC MES	= LED7 Amber cluster 4.5V AC with E10 MES cap.
Example 2	LED4R 24V DC 20mA MBC	= LED4 Red cluster 24V DC (20mA option) with BA9s MBC.
Example 3	LEDM1W 24V AC MBC	= LEDM1 White single LED 24 AC with BA9s MBC.









#### **Rotary Cam Switches**

4 hole mounting with escutcheon plate.

Ratings:

Ith: 20A

AC23 @ 440V: 7.5kW AC3 @ 440V: 5.5kW

Panel Mounting		No of Poles	Part No.
		1	CA10 A200 620E
OFF / ON	OFF ON	2	CA10 A201 620E
,		<u>3</u> 4	CA10 A202 620E CA10 A203 620E
60° Switching		6	CA10 A203 620E CA10 A342 620E
		8	CA10 A344 620E
	OFF	1	CA10 A210 620E
Changeover with centre OFF	1 2	2	CA10 A211 620E
60° Switching		3	CA10 A212 620E
oo Switching		4	CA10 A213 620E
		1	CA10 A220 600E
Changeover without centre	1, 2		
)FF		2	CA10 A221 600E
60° Switching		3	CA10 A222 600E
		4	CA10 A223 600E
3 Step without OFF	2 3	1	CA10 A230 600E
	1—0	2	CA10 A250 600E
60° Switching		3	CA10 A270 600E
Step without OFF	2	1	CA10 A231 600E
	1 4	2	CA10 A251 600E
60° Switching		3	CA10 A271 600E
-	OFF — O		CA10 A004 622E
/olmeter switch	OFF RY YB YN BR BN		CA10 A007 622E
	VOLTEMETER OFF RY YB YN BR N	c/w Header plate	CA10 A007 623E
Ammeter switch	OFF B		CA10 A048 621E
	AMMETER OFF B	c/w Header plate	CA10 A048 622E
Motor reversing	FOR REV	3	CA10 A401 620E











The above switches are available in a single hole mount version. Replace the E at the end of the part no. with FT2.

The above switches (except voltmeter, ammeter and motor reversing switch) are also available in the CG4 size.

CG4 Ratings: 440V

Ith: 10A AC23 @ 440V: 3kW AC3 @ 440V: 2.2kW















All 'RED SPOT' fuse links have a utilisation category of either gG or gM and so have a full range breaking capacity.

The first letter indicates the breaking range of the fuse link, as follows: 'g' Full range breaking capacity fuse link.

The second letter indicates utilisation category, as follows: 'G'Fuse link for general application, including the protection of motor circuits.

'M'Fuse link for protection of motor circuits.

ust L	inks - BS	δδδ				
88 Ref.	Utilisation	Rating Amp	Max Voltage	Rating	Pack Qty.	Part No.
	Category	2	<b>AC</b> 550	<b>DC</b> 250	1	NITD2
		4	550	250	1	NITD4
		6	550	250	1	NITD6
	gG	10	550	250	1	NITD10
		16	550	250	1	NITD16
		20	550	250	6	NITD20
		20M25	440	-	6	NITD20M25
	gM	20M32	440	-	6	NITD20M32
		25	440	-	6 *	NITD25
	gG	32	440	-	6 *	NITD32
		32M40	440	-	6 *	NITD32M40
	gM	32M50	440	-	6 *	NITD32M50
	J	32M63	440	-	6 *	NITD32M63
		2	660	460	6	AA02
		4	660	460	6	AA04
		6	660	460	6	AA06
	aC	10	660	460	6	AA010
	gG	16	660	460	6	AA016
		20	660	460	6	AA020
		25	660	460	6	AA025
		32	660	460	6	AA032
		32M35	660	460	6	AA032M35
	αM	32M40	660	460	6	AA032M40
	gM	32M50	660	460	6	AA032M50
		32M63	660	460	6	AA032M63
		32	660	460	6	BA035
	gG	40	660	460	6	BA040
	yu	50	660	460	6	BA050
		63	660	460	6	BA063
	gM	63M80	660	-	6	BA063M80
	givi	63M100	660	-	6	BA063M100
		32	660	460	6	CE032
		40	660	460	6	CE040
	gG	50	660	460	6	CE050
	yu	63	660	460	2	CE063
		80	660	350	2	CE080
		100	660	350	2	CE0100
		100M125	660	350	2	CE0100M125
	gM	100M160	660	350	2	CE0100M160
		100M200	660	350	2	CE0100M200
		125	660	350	2	DE0125
	gG	160	660	350	2	DE0160
		200	660	350	2	DE0200
	gG	80	660	350	11	CD80
	yu ————————————————————————————————————	100	660	350	1	CD100
		100M125	660	350	11	CD100M125
	gM	100M160	660	350	1	CD100M160
		100M200	660	350	1	CD100M200
		125	660	350	1	DD125
	gG	160	660	350	5	DD160
		200	660	350	5	DD200
	gM	200M250	660	460	5	DD200M250
	9'''	200M315	550	-	5	DD200M315
		250	600	460	1	ED250
	gG	315	660	460	1	ED315
	3~	250	660	460	1	EFS250
		315	660	460	1	EFS315
	gM	315M355	660	460	1	EFS315M355
	gG	335	660	460	1	ED335
		400	660	460	1	ED400
	gM	400M450	660	460	1	ED400M450
	gG	335	660	460	1	EF355
		400	660	460	1	EF400
	gM	400M450	660	460	1	EF400M450
		450	660	450	1	FF450
	gG	500	660	450	1	FF500
	yu	560	660	450	1	FF560
		630	660	450	1	FF630
	gM	630M670	660	450	1	FF630M670
		670	660	350	1	GF670
	gG	710	660	350	1	GF710
	gu	750	660	350	1	GF750
	800	660	350	1	GF800	







<b>Fuse Link</b>	(S			
BS88 Ref.	Utilisation Category	Rating Amp	Max Voltage Rating AC	Part No.
		2	240	SSD2
		4	240	SSD4
E1	~C	6	240	SSD6
ЕІ	gG	10	240	SSD10
		16	240	SSD16
		20	240	SSD20
		2	440	NSD2
		4	440	NSD4
		6	440	NSD6
	-0	10	440	NSD10
F1	gG	16	440	NSD16
		20	440	NSD20
		25	440	NSD25
		32	440	NSD32
	gM	32M40	415	NSD32M40
		40	440	ESD40
F0	gG	50	440	ESD50
F2	·	63	440	ESD63
	gΜ	63M80	415	ESD63M80
		80	440	0SD80
	gG	100	440	0SD100
-	-14	100M125	415	0SD100M125
	gM	100M160	415	OSD100M160

Fuse Holders						
Rating Amp	Fuse Link Type	Type of Connection	Colour	Part No.		
			Black	SC20H		
		Front	White	SC20H WH		
			Green	SC20H GN		
20	SSD		Black	SC20P		
		Back	White	SC20P WH		
			Green	SC20P GN		
		Busbar / Front	Black	SC20BH		
		Front	Black	SC32HD		
			White	SC32HD WH		
			Green	SC32HD GN		
32	NSD	Back	Black	SC32P		
			White	SC32P WH		
			Green	SC32P GN		
		Busbar / Front	Black	SC32BH		
		Front	Black	SC63HD		
63	TCD.	FIUIIL	White	SC63HD WH		
13	ESD	Back	Black	SC63P		
		Busbar / Front	Black	SC63BH		
100	OSD	Front	Black	SC100H		

Copper Links		
Amps	Associated Fuse Holder	Part No.
20	SC32	NSC LINK
20 32	SC63	ESC LINK
63	SC100	OSC LINK
100	SC125	XSC LINK

Padlockable Rail	
Amps	Part No.
32	SC32L0CK
63	SC63LOCK





















# Bussmann by FAT-N









#### **RED SPOT**

Fuse Holders				
Rating Amp	Fuse Link Type	Type of Connection	Colour	Part No.
			Black	RS20H
		Front	White	RS20H WH
		Tronc	Green	RS20H GN
			Grey	RS20H GY
20	NITD	Front / Back	Black	RS20PH
20	MILD	Back, Surface	Black	RS20PG
		Dack, Juliace	White	RS20PGWH
			Black	RS20F
		Back, Flush	White	RS20F WH
			Green	RS20F GN
			Black	RS32H
		Front	White	RS32H WH
			Green	RS32H GN
32	AA0	Front / Back	Black	RS32PH
			Black	RS32P
		Back	White	RS32P WH
			Green	RS32P GN
		F I	Black	RS63H
		Front	White	RS63H WH
63	BA0	Front / Back	Black	RS63PH
		DI	Black	RS63P
		Back	White	RS63P WH
		F I	Black	RS100H
		Front	White	RS100H WH
100	CEO	Front / Back	Black	RS100PH
		D I	Black	RS100P
		Back	White	RS100P WH
		F I	Black	RS200H
200 DD		Front	White	RS200H WH
		Front / Back	Black	RS200PH
•	-		Black	RS200P
		Back	White	RS200P WH
		Front	Black	RS400H
400 ED		Front / Back	Black	RS400PH
		Back	Black	RS400P

#### **Accessories**

Signal Red Warning Carriers	
Amps	Part No.
20	RS20RED
32	RS32RED
63	RS63RED
100	RS100RED

Padlockable Insert	
Amps	Part No.
20	RS20L0CK
32	RS32LOCK
63	RS63LOCK
100	RS100L0CK

Copper Links		
Amps	Associated Fuse Holder	Part No.
20	RS20/RS32	32CMLC
63/100	RS63	63/100CML

DIN Rail Adaptor	
Description	Part No.
DIN rail adaptor for RS20H	DIN 20/32









**TE Controls** 

#### **HTE Controls Transformers**

- Continuously rated panel mounting, double wound isolating transformers
- Manufactured in the UK and desined to fully comply with BS EN6558
- Copper earth screen between primary and secondary windings
- Multi tapped to include the harmonised European voltages
- Terminals clearly colour coded for easy identification
- Terminals give finger proof protection (IP20)
- Additional fixing points for easy identification in panels
- Varnish impregnated

#### **Special Transformers**

If our standard range does not suit your application, we are happy to quote for your specific transformer requirements.

Please contact our sales office with the specification, for a speedy response.

Suggested Primary Fuse Vaules				
VA Rating	10-0-220-240 Primary	20-0-380-420 Primary		
50	0.5	0.315		
100	8.0	0.5		
150	1.25	0.8		
200	2	1.25		
300	3.15	2		
400	4	2		
500	6.3	3.15		
750	8	5		
1000	10	6.3		
1500	16	8		
2000	16	8		
2500	20	10		
3000	25	16		
5000	40	25		

/A Rating	Primary Voltage	Insert Secondary Voltage	Part No.
50	10-0-220-240		HTE 50 230
U	20-0-380-420		HTE 50 400
00	10-0-220-240		HTE 100 230
U	20-0-380-420		HTE 100 400
	10-0-220-240		HTE 150 230
0	20-0-380-420		HTE 150 400
	10-0-220-240		HTE 200 230
	20-0-380-420		HTE 200 400
	10-0-220-240		HTE 300 230
0	20-0-380-420		HTE 300 400
	10-0-220-240		HTE 400 230
0	20-0-380-420		HTE 400 400
0	10-0-220-240		HTE 500 230
)	20-0-380-420		HTE 500 400
	10-0-220-240		HTE 750 230
	20-0-380-420		HTE 750 400
	10-0-220-240		HTE 1000 230
)	20-0-380-420		HTE 1000 400
	10-0-220-240		HTE 1500 230
0	20-0-380-420		HTE 1500 400
	10-0-220-240		HTE 2000 230
0	20-0-380-420		HTE 2000 400
	10-0-220-240		HTE 2500 230
00	20-0-380-420		HTE 2500 400
	10-0-220-240		HTE 3000 230
00	20-0-380-420		HTE 3000 400
	10-0-220-240		HTE 5000 400
	20-0-380-420		HTE 5000 400



Part No. Completion
When ordering complete the
Part No. by adding the following:

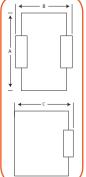
Secondary Voltage	
0-CT-24	24
0-CT-48	48
0-CT-110	110
0-CT-240	240
0-01-240	240

#### **Accessories**

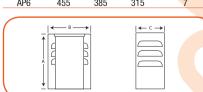
- Ventilated Sheet steel IP23 enclose
- · Wall or floor mounted
- Cable entry 25mm cutouts

Enclosures	
To Suit Transformer Size	Part No.
50 100VA	APO
200 500VA	AP2
7501000VA	AP4
1500 3000VA	AP5
5000VA	AP6

Transformers (approx. size)					
Size VA	Α	В	С	Weight kg	
50	80	80	90	1.1	
100	98	95	110	2.1	
150	98	105	110	2.8	
200	118	100	125	3.7	
300	118	113	125	4.5	
400	137	110	140	6.9	
500	137	130	140	7.4	
750	137	143	140	10.2	
1000	168	150	175	12.6	
1500	168	182	175	17.4	
2000	216	162	215	21.0	
2500	216	175	215	24.0	
3000	233	200	230	34.8	
5000	286	216	299	53.0	



Enclosures (approx. size)				
Туре	Α	В	C	Weight kg
AP0	132	200	118	1
AP2	225	220	155	2
AP4	272	340	185	3
AP5	355	350	250	5
AP6	455	385	315	7
	← B —	<b>→</b>	[← C -	<b>→</b> I















Transformers - 240V AC - 24V AC	
VA Rating Part No.	
50 SY0050P4S6	
100 SV0100P4S6	
150 SV0150P4S6	
200 SV0200P4S6	
250 <b>SV0250P4S6</b>	
400 SV0400P4S6	
750 SV0750P4S6	
Transformers - 240V AC - 110V AC	
50 SV0050P4S4	
100 SV0100P4S4	
150 SV0150P4S4	
200 <b>SV0200P4S4</b>	
250 SV0250P4S4	
400 SV0400P4S4	
500 SV0500P4S4	
1000 SV1000P4S4	
Transformers - 415V AC - 24V AC	
50 <b>SV0050P5S6</b>	
100 <b>SV0100P5S6</b>	
200 <b>SV0200P5S6</b>	
250 <b>SV0250P5S6</b>	
400 <b>SV0400P5S6</b>	
500 <b>SV0500P5S6</b>	
750 <b>SV0750P5S6</b>	
1000 SV1000P5S6	
Transformers - 415V AC - 110V AC	
50 <b>SV0050P5S4</b>	
100 SV0100P5S4	
150 SV0150P5S4	
200 <b>SV0200P5S4</b>	
_ 250	
400 <b>SV0400P5S4</b>	
500 <b>SV0500P5S4</b>	

# **DURACELL**®









# Industrial Range General purpose alkaline manganese batteries.

These alkaline batteries are manufactured by Duracell for the industrial user. High performance, long life and a 5 year shelf life. Each battery is date stamped for freshness.

Industrial Batteries						
Туре	Voltage	Pack Qty.	Part No.			
9V	9.0	10	MN1604			
AAA	1.5	10	MN2400			
AA	1.5	10	MN1500			
С	1.5	10	MN1400			
D	1.5	10	MN1300			







#### **S8VK-G Series**

The S8VK-G offers a wide product range (from 15W up to 480W), in a very compact size. It is 13% smaller than comparable power supplies and the smallest on the market of its type.

- Wide operating temperature range (-40 to +70°C) to guarantee operation stability
   Double set of DC output terminals (three for the negative) to provide easy wiring
- High efficiency (90%) to reduce energy consumption
- Power Boost functionality (120%)

S8VK-G				
Power Rating	Input Voltage	Output Voltage	Output Current	Part No.
1 E\M		12V DC	1.2A	S8VKG-01512
15W			0.65A	S8VKG-01524
30W			1.3A	S8VKG-03024
60W	100-240V AC	044.00	2.5A	S8VKG-06024
120W	_	24V DC -	5A	S8VKG-12024
240W	_	=	10A	S8VKG-24024
480W	_	<del>-</del>	20A	S8VKG-48024

## MRON



#### Phaseo ABL8 Series

The Modular, Optimum, and Universal series of regulated switch mode power supplies are designed to provide DC voltage necessary for electrical equipment. Designed for applications ranging from simple machine control, to complex systems requiring status contacts and battery back up options.

nput	Frequency		Output		– Part No.	
/oltage	riequeiley	Voltage	Amps	Power (W)	rait No.	
100-240V AC / 120-250V DC	_		1.2A	30	ABL8MEM24012	
100-240V AC /	47-63Hz	24V DC	3A	72	ABL8REM24030	
110-220V DC 47-63HZ	47-00112	3112 244 00	5A	120	ABL8REM24050	
100-120V AC / 200-500V AC			10A	240	ABL8RPS24100	
Three Phase						
380-500V AC 47-63Hz		20A	480	ABL8WPS24200		
	47-63HZ	24V DC -	40A	960	ABL8WPS24400	

# Schneider Electric



#### **SITOP smart Series**

SITOP smart is the high-performance standard power supply for automated machines and systems with 24V or 12V electronics.

- Small footprint thanks to compact design, no clearances required at the sides
- "Extra power" with 1.5 times the rated current for 5 s/min for transient overloads
   120% of the rated capacity can be used durably up to 45°C ambient temperature (24V models)
- Signalling contact for "Output voltage OK" for easy integration into the system monitoring

<b>SITOP</b> smart			
Input Voltage	Output Voltage	Output Current	Part No.
		2.5A	6EP1332-1LB00
(1AC)120-230V AC		5A	6EP1333-1LB00
,	241/ DC	10A	6EP1334-1LB00
(3AC)400-500V AC	24V DC	10A	6EP1434-2BA10
	-	20A	6EP1436-2BA10
	<del>-</del>	40Δ	6FP1437-2RΔ10

## **SIEMENS**











# Weidmüller **₹**













#### **ConnectPower**

- Compact DIN rail mounted power supplies
- Wide range of input voltages
   International approvals, CE, UL, CSA EN60204 (PELV); EN 60950m (SELV)
- Parallel operation on Eoline range

WavePow	er				
Input Voltage	Frequency	Output Voltage	Amps	Power (W)	Part No.
8 <mark>5-265</mark> V AC / 120-300V DC	50-60 Hz	24V DC	0.5A	12	9918840024

InstaPower							
Input Voltage	Frequency	Output Voltage	Amps	Power (W)	Part No.		
85-265V A <mark>C /</mark> 120-300V DC	50-60 Hz	24V DC	1A	24	9928890024		
85264V AC / 110370V DC	50-60 Hz	1528V DC	2A	48	8739140000		

PROeco Single Phase							
Input Voltage	Frequency	Output Voltage	Amps	Power (W)	Part No.		
			3	72	1469470000		
05 0041/40			5	120	1469480000		
85264V AC	50-60Hz	24V DC	10	240	1469490000		
80370V DC			20	480	1469510000		
			40	960	1469520000		

PROeco Three Phase							
Input Voltage	Frequency	Output Voltage	Amps	Power (W)	Part No.		
			5	120	1469530000		
340575V AC	47 63Hz	24V DC	10	240	1469540000		
450870V DC	47 USTIZ	24V DC	20	480	1469550000		
			40	960	1469560000		

PROmax Single Phase						
Input Voltage	Output Voltage	Amps	Power (W)	Part No.		
	24	3	72	1478100000		
	24	5	120	1478110000		
AC 85277	24	7.5	180	1478120000		
DC 80370	24	10	240	1478130000		
	24	20	480	1478140000		
	24	40	960	1478150000		

PROtop Single	Phase			
Input Voltage	Output Voltage	Amps	Power (W)	Part No.
	24	3	72	2466850000
AC 05 077	24	5	120	2466870000
AC 85277 DC 80410	24	10	240	2466880000
	24	20	480	2466890000
	24	40	960	2466900000









#### **55 Series**

Contact rating: 10A for the DPDT version (240V resistive load) / 7A for the 4PDT version.

Plug-In Relays							
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.			
	DPDT	DC	24V	55.32.9.024.0074			
			12V	55.34.9.012.0074			
With LED indicator		DC	24V	55.34.9.024.0074			
and test button	4PDT		100/110V	55.34.9.110.0074			
		40	110/120V	55.34.8.110.0054			
	AC	220/240V	55.34.8.230.0054				

Base & Clips for 55 Series Relays				
Туре	For Relay	Part No.		
DIN Rail Surface Mounting (includes	DPDT	94.72SMA		
retaining clip)	4PDT	94.74SMA		

Other coil voltages available on request.

#### **56 Series**

Contact rating: 12A (240V resistive load)

Plug-In Rela	Plug-In Relays					
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.		
Ctondord	DPDT	DC	24V	56.32.9.024.0040		
Standard	4PDT	AC	24V	56.34.8.024.0040		

Base & Clips for 56 Series Relays				
Туре	For Relay Part No.			
DIN rail surface mounting	DPDT	96.72SMA		
(includes retaining clip)	4PDT	96.74SMA		

Other coil voltages available on request.

#### **60 Series**

Contact rating: 10A (240V resistive load)

Plug-In Rela	Plug-In Relays					
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.		
	DPDT	AC	110V	60.12.8.110.0054		
With LED indicator	וטייטו	DC	24V	60.12.9.024.0074		
and test button	A A	AC	110V	60.13.8.110.0054		
	3PDT	DC	24V	60.13.9.024.0074		

			0011010102 11001 1	
Base & Clips for 6	O Series Rela	ays		
Type	For Relay		Part No.	
DIN rail surface mounting	DPDT		90.26SMA	
(includes retaining clip)	3PDT		90.27SMA	

Other coil voltages available on request.

#### **46 Series**

16A for the SPDT version (240V resistive load) Contact rating:

8A for the DPDT version

Plug-In Rela	ıys				
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.	
With operation	SPDT	AC	24V	46.61.8.024.0040	
•	2501	DC	24V	46.61.9.024.0040	
indictor	DPDT	AC	24V	46.52.8.024.0040	
With LED indicator, diode suppression & test button	DPDT	DC	24V	46.52.9.024.0074	

Base & Clips for 60 Series Relays				
Туре	For Relay	Part No.		
DIN rail surface mounting (Back connecting socket	SPDT	97.01SPA		
-PCB terminal)	DPDT	97.02SPA		
,	5,51	O NOLOI A	_	























# OMRON











#### **MY Series**

Contact rating: 5A for the DPDT version (240V resistive load) / 3A for the 4PDT version.

Plug-In Rela	ays			
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.
Standard	DPDT	DC	24V	MY2 24DC S
Standard	4PDT	DC	100/110V	MY4 100/110DC S
With LED indicator	4PDT	DC	24V	MY4N 24DC S
			24V	MY4IN 24AC S
With LED indicator		AC	110/110V	MY4IN 100/110AC S
and test button 4PD	4PDT		220/240V	MY4IN 220/240AC S
		DC	12V	MY4IN 12DC S
		DO	24V	MY4IN 24DC S

Bases & Clips		
Туре	For Relay	Part No.
DIN rail surface mounting	DPDT	PYF08AE
DIN Tall Surface Infounding	4PDT —	PYF14AE
3 Tier base	4FD1	PYF14-ESS-B
Clips		PYCA1

Other coil voltages available on request.

#### LY Series

Contact rating: 10A (240V resistive load)

Plug-In Re	lays			
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.
Standard	DPDT 4PDT	- DC	24V	LY2 24DC LY4 24DC
Bases & C	lips			
Туре		For Relay		Part No.
DIN rail surface mo	unting	DPDT		PTF08AE
DIN TAIL SULTAGE THO	unung	4PDT		PTF14AE
Clips				PYCA1
Other coil voltages	available on request.			

**MK Series** 

Contact rating: 10A (240V resistive load)

#### **Plug-In Relays** Contact Coil Type **Coil Voltage** Part No. Type **Arrangement** 110V MKS2PINAC110 AC DPDT With LED indicator DC MKS2PINDC24 24V MKS3PIN5AC110 and test button 110V AC 3PDT DC MKS3PIN5DC24 24V **Bases & Clips** For Relay Part No. Type DPDT PF083AE DIN rail surface mounting PF113AN 3PDT PFC-A1 Clips Other coil voltages available on request.

#### **G2RS Series**

Contact rating: 10A (240V resistive load)

Other coil voltages available on request.

Plug-In Rela	ays			
Туре	Contact Arrangement	Coil Type	Coil Voltage	Part No.
Mills an austine	SPDT	AC	24V	G2R1SN 24AC
With operation indicator	ארטו	DC	24V	G2R1SN 24DC
iiiuicatoi	DPDT	AC	24V	G2R2SN 24AC
With operation indicator & diode suppression	DPDT	DC	24V	G2R2SND 24DC
	DPDT	_	24V	G2R2SNI 24DC
With LED indicator		AC		G2R2SNI 24AC
and test button			110V	G2R2SNI 110AC
			230V	G2R2SNI 230AC
Bases & Cli	ps			
Туре		For Relay		Part No.
DIN rail surface mour	nting (Back	SPDT		P2RF05E
connecting socket -P		DPDT		P2RF08E









#### **D-SERIES - Industrial Relay Modules**

D-Series -	- DRI				
Description		Coil Voltage	Output (A) Max	Contacts	Part No.
DRI 314024	Standard	24V DC	10A	1 CO	7760056297
DRI 314024LTD	With LED + test button + freewheel diode	24V DC	10A	1 CO	7760056315
DRI 314524	Standard	24V AC	10A	1 CO	7760056300
DRI 314524LT	With LED + test button	24V AC	10A	1 CO	7760056318
DRI 314615	Standard	115V AC	10A	1 CO	7760056301
DRI 314615LT	With LED + test button	115V AC	10A	1 CO	7760056319
DRI 314730	Standard	230V AC	10A	1 CO	7760056302
DRI 314730LT	With LED + test button	230V AC	10A	1 CO	7760056320
SDI 1CO F ECO	2 Tier Base, screw clamp				7760056348
SDI 1CO	3 Tier Base, Screw clamp				7760056350

	nangover Contact Relays				
Description		Coil Voltage	Output (A) Max	Contacts	Part No.
DRI 424024	Standard	24V DC	5A	2 CO	7760056322
DRI 424024LTD	With LED + test button + freewheel diode	24V DC	5A	2 CO	7760056340
DRI 424524	Standard	24V AC	5A	2 CO	7760056325
DRI 424524LT	With LED + test button	24V AU	5A	2 CO	7760056343
DRI 424615	Standard	1157.40	5A	2 CO	7760056326
DRI 424615LT	With LED + test button	115V AC	5A	2 CO	7760056344
DRI 424730	Standard	2201/ 40	5A	2 CO	7760056327
ORI 424730LT	With LED + test button	230V AC	5A	2 CO	7760056345
SDI 2CO F ECO	2 Tier Base, screw clamp				7760056349
SDI 2CO	3 Tier Base, screw clamp				7760056351

D.O. : DDIA					
D-Series - DRM Description		Coil Voltage	Output (A) Max	Contacts	Part No.
DRM270024	Standard	0.41/ D.0	10A	2 CO	7760056051
DRM270024LT	With LED + Test button	24V DC	10A	2 CO	7760056069
DRM270524	Standard	241/ 40	10A	2 CO	7760056055
DRM270524LT	With LED + Test button	24V AC	10A	2 CO	7760056073
DRM270615	Standard	115V AC	10A	2 CO	7760056057
DRM270615LT	With LED + Test button	115V AC	10A	2 CO	7760056075
DRM270730	Standard	230V AC	10A	2 CO	7760056058
DRM270730LT	With LED + Test button	230V AC	10A	2 CO	7760056076
SCM ECO 2CO	3 Tier Base				7760056263
DRM clip M (for DRM relay)	Retaining clip				7760056108
FS 2C0	Low profile base				7760056106
DRM570024	Standard	24V DC	5A	4 CO	7760056079
DRM570024LT	With LED + Test button	24V DC	5A	4 CO	7760056097
DRM570524	Standard	24V AC	5A	4 CO	7760056083
DRM570524LT	With LED + Test button	24V AC	5A	4 CO	7760056101
DRM570615	Standard	1151/ 00	5A	4 CO	7760056085
DRM570615LT	With LED + Test button	— 115V AC	5A	4 CO	7760056103
DRM570730	Standard	220/ 40	5A	4 CO	7760056086
DRM570730LT	With LED + Test button	230V AC	5A	4 CO	7760056104
SCM ECO 4CO	3 Tier Base				7760056264
DRM clip M (for DRM relay)	Retaining clip				7760056108
FS 4C0	Low profile base				7760056107

## Weidmüller **₹**









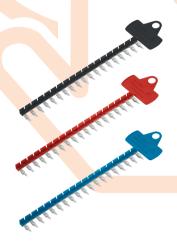






# Weidmüller **₹**







## **D-SERIES - Industrial Relay Modules Continued**

Description		Coil	Output	Contacts	Part No.
<u> </u>		Voltage	(A) Max	100	4400==05
TRS 24V DC 1C0		24V DC	6A	100	1122770000
TRS 24V UC 1CO		24V AC/DC	6A	100	1122780000
TRS 120V UC 1CO		115V AC	6A	100	1122810000
TRS 230V UC 1C0		230V AC	6A	1C0	1122820000
TR <mark>S 24-</mark> 230V UC 1C0		24-230V AC	6A	1C0	1122850000
TRS 24V DC 2C0		24V DC	8A	2C0	1123490000
TRS 24V UC 2C0		24V AC/DC	8A	200	1123500000
TRS 120V UC 2C0		115V AC	8A	2C0	1123530000
TRS 230V UC 2C0		230V AC	8A	200	1123540000
TRS 24-230V UC 2C0		24-230V AC	8A	2C0	1123580000
TOS 24V DC 48V DC 0.1A		24V DC 48V DC	0.1A	1NO	1126940000
TOS 120V <mark>UC 4</mark> 8V DC 0.1A		120V UC 48V DC	0.1A	1NO	1126980000
OS 230V <mark>UC 4</mark> 8V DC 0.1A		230V AC 48V DC	0.1A	1N0	1126990000
TOS 24-23 <mark>0V U</mark> C 48V DC 0.1A		24-230V AC 0-48V DC	0.1A	1N0	1127020000
OS 24V D <mark>C 23</mark> 0V AC 1A	Triac	24V DC 230V AC	1A	1NO	1127410000
TOS 120V <mark>UC 2</mark> 30V AC 1A	Triac	120V UC 230V DC	1A	1NO	1127450000
TOS 230V <mark>UC 2</mark> 30V AC 1A	Triac	230V UC	1A	1N0	1127470000
TOS 24-23 <mark>0V U</mark> C 230V AC 1A	Triac	24-230V UC	1A	1NO	1127500000
ZQV 1.5N/ <mark>R6.4/</mark> 19 GE	Cross connections for termseries				1193690000
ZQV 1.5N/R <mark>6.4/</mark> 19 SW	Cross connections for termseries				1391600000
ZQV 1.5N/R6.4/19 RT	Cross connections for termseries				1391610000
ZQV 1.5N/R6.4/19 BL	Cross connections for termseries				1391620000

<b>Termseries Tensio</b>	n Clamp				
Description		Coil Voltage	Output (A) Max	Contacts	Part No.
TRZ 24V DC 1CO		24V DC	6A	100	1122880000
TRZ 24V UC 1CO		24V UC	6A	1C0	1122890000
TRZ 120V UC 1C0		120V UC	6A	1C0	1122920000
TRZ 230V UC 1C0		230V UC	6A	1C0	1122930000
TRZ 24-230V UC 1C0		24-230V UC	6A	1C0	1122970000
TRZ 24V DC 2C0		24V DC	8A	2C0	1123610000
TRZ 24V UC 2CO		24V UC	8A	2C0	1123620000
TRZ 120V UC 2C0		120V UC	8A	2C0	1123650000
TRZ 230V UC 2C0		230V UC	8A	2C0	1123670000
TRZ 24-230V UC 2C0		24-230V UC	8A	2C0	1123700000
TOZ 24V DC / 48V DC 0.1A		24V DC 48V DC	0.1A	1NO	1127050000
TOZ 120V UC / 48V DC 0.1A		120V UC 48V DC	0.1A	1NO	1127090000
TOZ 230V UC / 48V DC 0.1A		230V UC 48V DC	0.1A	1N0	1127100000
TOZ 24-230V UC / 48V DC 0.1A		24-230V UC 48V DC	0.1A	1NO	1127130000
TOZ 24V DC / 230V AC 1A	Triac	24V DC 230V AC	1A		1127530000
TOZ 120V UC / 230V AC 1A	Triac	120V UC 230V AC	1A		1127580000
TOZ 230V UC / 230V AC 1A	Triac	230V UC	1A		1127590000
TOZ 24-230V UC / 230V AC 1A	Triac	24-230V UC	1A		1127620000







**32** 

#### **H3DK Series**

DIN-rail mounted, standard 22.5mm-width solid state timer range. The H3DE series of timers provides a wide AC/DC power supply and time range to reduce the number of items.

#### **Features**

- H79 x W22.5 x D100mm
- DIN-rail mounting

- 24-230V AC/DC (except -H)
- Wide time setting range: 0.10s 120h (except -H and -G),

and the second second	O	0	T' 0.11' D	D. J. N.
perating Modes	Supply Voltage	Control OutPut	Time Setting Range	Part No.
ti-functional Standar				
N-delay, flicker OFF	12V DC	DPDT	0.1s - 120h	H3DK-M2 DC12
rt, flicker On start,		SPDT	0.1s - 120h	H3DK-M1 AC/DC24/230
nal ON / OFF delay, nal OFF-delay, interval, nal ON / OFF delay, e-shot	24-230V AC/DC	DPDT	0.1s - 120h	H3DK-M2 AC/DC24/230
I-delay, flicker ON	24-230V AC/DC	SPDT	0.1s - 120h	H3DK-S1 AC/DC24/230
rt, interval, one-shot	2. 20017.0720	DPDT	0.1s - 120h	H3DK-S2 AC/DC24/230
n Timer				
ker OFF start, Flicker start		SPDT	0.1 - 12s	H3DK-F AC/DC24/230
-delta Timer				
-delta		2x SPDT	1 - 120s	H3DK-G AC/DC24/230
er OFF-delay Timer				
	24V AC/DC	SPDT	1 - 120s	H3DK-H AC/DC24L
	LIV NO/DO	0.51	0.1 - 12s	H3DK-H AC/DC24S
	48V AC/DC	SPDT	1 - 120s	H3DK-H AC/DC48L
ignal OFF-delay			0.1 - 12s 1 - 120s	H3DK-H AC/DC48S H3DK-H AC/DC100-120
	100-120V AC	SPDT	0.1 - 120s	H3DK-H AC/DC100-120
			1 - 120s	H3DK-H AC/DC200-230
	200-230V AC	SPDT	0.1 - 12s	H3DK-H AC/DC200-230

#### **H3YN Series**

#### Features

High repeat accuracy

China ROHS

• Single or multiple functions

- 2% Short resetting time <0/1 sec</li>
  Contact rating 3A at 250V AC (resisted)

**Zelio Time - Timer Relays** 

• Wide power supply range from 24 to 240 V

· Compliant with international standards and certifications

IEC 61812-1, EN 61812-1 UL, CSA, GL, RCM, EAC, CCC,

Function: Miniature timer with multiple time ranges and multiple operating modes

H3YN Series						
Туре	Time Limit Contact	Voltage	Part No.			
time	ADDT	24V AC	H3YN 41 24VAC			
Long time range model 0.1 min to 10 hours	4701	230V AC	H3YN 41 230VAC			

#### • Single or multi timing ranges from 0.02s to 999 hrs

- · Screw or spring connection terminals
- Relay or Solid-state output
- Diagnostic button and dial pointer LED indicator
- Module DIN rail mount, miniature plug-in and panel mount

<b>RE22 Timer</b>					
Туре	Voltage	Time Range	Relay Output	Part No.	
On Delav		0.5sec-300hrs	1 C/O	RE22R1AMR	
UII Delay			2 C/O	RE22R2AMR	
Asymmetrical	_		1 C/O	RE22R1MLMR	
OFF Delay		0.3sec-300sec	1 C/O	RE22R1KMR	
OFF Delay			2 C/O	RE22R2KMR	
Symmetrical	24-240V AC/DC	0.5sec-300hrs	2 C/O	RE22R2DMR	
			1 C/O	RE22R1DMR	
Ctar Dalta Timana		0.3sec-30sec	2 C/O	RE22R2QEMR	
Star Delta Timers		0.5sec-300hrs	2 C/O	RE22R2QTMR	
Multifunction	_		1 C/O	RE22R1MYMR	
			2 C/O	RE22R2MYMR	















