

CONTROL DEVICES



REFERENCE STANDARDS

EN 60669-1 (2000)
Switches for household
and similar fixed-electrical installations.
Part 1: general requirements.

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Resistant	Limited Resistance	Resistant	Resistant	Not Resistant	Not Resistant	Resistant	Limited Resistance	Resistant

APPLICATION EXAMPLES



VERSIONS

	Switches - 1 gang - single pole - one way - two way - intermediate switch - bell push - push button
	Switches - 2 gang - single pole - one way - two way - push button
	Switches - 1 gang - double pole - one way - two way

TECHNICAL CHARACTERISTICS

Rated current:	10A - 10AX
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-5°C +40°C
Max. operating temperature:	60°C
Glow Wire test:	650°C/850°C
Operating testing	40.000 operations at rated current 100.000 operations for mechanical life
Max. installation altitude:	2.000 m
Mounting box type: (German standard)	Flush 1-2 gang (min. depth: 40mm) Surface 1-2 gang (min. depth: 40mm)
Material:	Engineering plastic
Colour:	White Silver Black

SOCKET-OUTLETS



TECHNICAL CHARACTERISTICS

Rated current:	16A
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Operating temperature according to the reference standard:	-15°C +35°C
Max operating temperature:	60°C
Glow Wire test:	650°C/850°C
Max installation altitude:	2000m
Material:	Engineering plastic
Cabling capacity of the terminal:	15A: 1mm² ÷ 4mm² 16A: 1mm² ÷ 4mm²
Colour:	White - Silver - Black - Red

APPLICATION EXAMPLES



AVAILABLE STANDARDS

 GERMAN STANDARD - 16A Unshuttered socket IEC 60884 - 1 : 2002	 GERMAN STANDARD - 16A Shuttered socket IEC 60884 - 1 : 2002	 FRENCH STANDARD - 16A Shuttered socket NCF 61-314
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BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

SOCKET OUTLETS: TV - TEL & DATA



REFERENCE STANDARDS

EN 50083 - 3 : 2002
Cabled distribution systems for television and sound signals.

TIA/EIA TSB40A CAT 5e/6
TIA/EIA 568-A CAT 5e/6
ISO/IEC 11801 CAT 5e/6

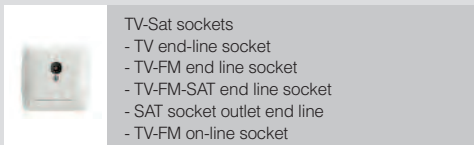
MARKING



TECHNICAL CHARACTERISTICS

Frequency:	TV: 5-862 Mhz SAT: 950-2400 Mhz
Protection degree:	IP20D
Operating temperature according to the reference standard:	-15°C +35°C
Max. operating temperature:	60°C
Material:	Engineering plastic
Max installation altitude:	2000m
Colour:	White - Black - Silver

VERSIONS



- TV-Sat sockets**
- TV end-line socket
 - TV-FM end line socket
 - TV-FM-SAT end line socket
 - SAT socket outlet end line
 - TV-FM on-line socket



- Tel&Data sockets**
- 1 module RJ12
 - 2 module RJ11
 - 1 module RJ45
 - 2 module RJ45

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES



ELECTRONICS: DIMMER AND FAN CONTROL SWITCHES





REFERENCE STANDARDS

BS EN 60669-2-1 (2004) + A12 (2010)
Switches for household and similar fixed electrical installations. Particular requirements. Electronic switches.

MARKING



VERSIONS

-  - 400W 220V 1 way switch
- 400W 220V 2 way switch
- 500 VA 2 way switch
-  600 VA fan control

TECHNICAL CHARACTERISTICS

Rated load:	400VA-600W-800W
Rated voltage:	250V~
Frequency:	50Hz
Insulating voltage:	250V~
Protection degree:	IP20D
Max. operating temperature:	60°C
Operating temperature	-5°C +40°C
Glow Wire test:	650°/850°C
Max. installation altitude:	2.000 m
Wiring capacity of the terminals:	1,5mm² ÷ 2,5mm²
Material:	Engineering plastic
Colour:	White - Black - Silver

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES



FRONT PLATES & FRAMES



TECHNICAL CHARACTERISTICS

Glow wire test:	650°C
Material:	Engineering plastic
Front plates colour:	White Anthracite Silver Brass Copper
Frame colour:	White

VERSIONS

	Single frontplate
	Double frontplate
	Triple frontplate
	Connection box
	Blank plate

BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
	Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Resistant	Limited Resistance	Not Resistant	Limited Resistance	Limited Resistance	Not Resistant	Not Resistant	Not Resistant	Limited Resistance	Limited Resistance	Resistant

APPLICATION EXAMPLES

