



MASTER SWITCH 3-POLE IU=32, P/AC-23A W.
 400V=11.5KW 1 PE TERMINAL + 1S + 1NC
 INSULATION-ENCLOSED IP65 INCH SCREW
 CONNECTION "2X 1/2"" OR 2X 3/4"" TOP+BOTTO
 ROT. MECHANISM BLACK

Model		
product brand name		SETRON
Product designation		Switch disconnecter
Design of the product		Switch Disconnecter 3LD
Design of the operating mechanism		central hole
Type of the driving mechanism / motor drive		No

General technical data		
Number of poles		3
Number of poles / Note		PE
Type of device		fixed mounting
Operating frequency / maximum	1/h	50

Voltage		
Insulation voltage / rated value	V	690
Surge voltage resistance / rated value	kV	6

Protection class		
Protection class IP / on the front		IP65

Dissipation		
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Power loss [W]		
<ul style="list-style-type: none"> • for rated value of the current / at AC / in hot operating state / per pole 	W	1.8

Electricity

Continuous current / rated value	A	32
Short-time current resistance (I _{cw}) / at 690 V / limited to 1 s / rated value	A	640

Main circuit

Operating frequency		
<ul style="list-style-type: none"> • initial value 	Hz	50
<ul style="list-style-type: none"> • Full-scale value 	Hz	60
Operating power		
<ul style="list-style-type: none"> • at AC-23 A / at 400 V / rated value 	kW	11.5
<ul style="list-style-type: none"> • at AC-23 A / at 690 V / rated value 	kW	11.5
<ul style="list-style-type: none"> • at AC-3 / at 400 V / rated value 	kW	9.5
<ul style="list-style-type: none"> • at AC-3 / at 690 V / rated value 	kW	9.5
Operating voltage		
<ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value 	V	690

Auxiliary circuit

Number of CO contacts / for auxiliary contacts		0
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1
Operating voltage / of auxiliary contacts / at AC / maximum	V	500
Continuous current / of the auxiliary contact / rated value	A	10
Insulation voltage / of the auxiliary switch / rated value	V	500

Suitability

Suitability for use		
<ul style="list-style-type: none"> • Main switch 		Yes
<ul style="list-style-type: none"> • switch disconnecter 		Yes
<ul style="list-style-type: none"> • EMERGENCY OFF switch 		No
<ul style="list-style-type: none"> • safety switch 		Yes
<ul style="list-style-type: none"> • maintenance/repair switch 		Yes

Product details

Product feature / interlock		Yes
Product extension / optional		
<ul style="list-style-type: none"> • motor drive 		No
<ul style="list-style-type: none"> • Voltage trigger 		No

Connections

Type of connectable conductor cross-sections <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid — finely stranded / with core end processing — stranded 		2x (0,75 ... 2,5 mm ²), 1x 4 mm ² 2x (0.75 ... 1.5 mm ²), 1x 2.5 mm ² 2x (0,75 ... 2,5 mm ²), 1x 4 mm ²
Type of electrical connection <ul style="list-style-type: none"> • for main current circuit • for auxiliary contacts 		box terminals connection terminals

Requirements

Design of the fuse link <ul style="list-style-type: none"> • for short-circuit protection of the main circuit / required • for short-circuit protection of the auxiliary switch / required 		fuse gL/gG: 40 A fuse gL/gG: 10 A
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Mechanical Design

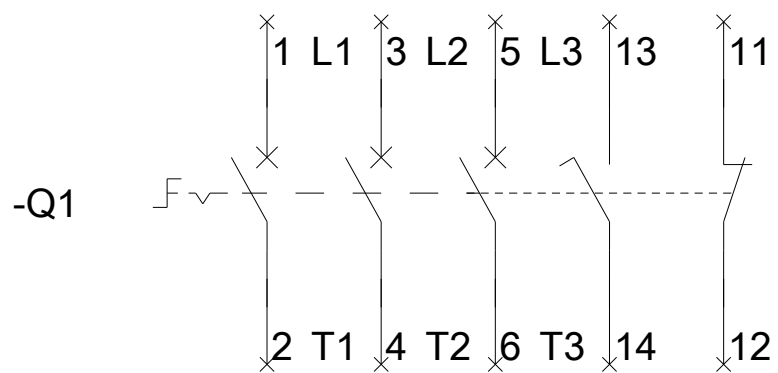
Height	mm	164
Width	mm	100
Depth	mm	118
Mounting type		floor mounting
Mounting type <ul style="list-style-type: none"> • front mounting with 4-hole attachment • front mounting with central attachment • rail mounting 		No Yes No
Net weight	g	494

Environmental conditions

Ambient temperature <ul style="list-style-type: none"> • during operation / minimum • during operation / maximum 	°C °C	-25 55
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Certificates

Equipment marking <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		S SF
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last modified:

12.03.2016