

# Hamilton<sup>®</sup> Technical Specification

## DOUBLE POLE ROCKER SWITCHES/KEY SWITCHES

### CATEGORY:

#### 20AX DOUBLE POLE ROCKER SWITCH

<b>Current Rating:</b>	20AX
<b>Max Load:</b>	20 Amp inductive
<b>Technical Insert Ref:</b>	<b>Description:</b>
DP	1 gang 20AX Double Pole Rocker
DPN	1 gang 20AX Double Pole Rocker + Neon
DPNC	1 gang 20AX Double Pole Rocker + Neon + Cable Outlet

#### GRID-IT 20AX DOUBLE POLE ROCKER SWITCH MODULE

GDP	1 gang 20AX Double Pole Rocker
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#### GRID-IT 20AX DP KEY SWITCH MODULE

GKDP	20AX Double Pole Key Switch
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#### 45 AMP DOUBLE POLE ROCKER SWITCH

<b>Current Rating:</b>	45 Amp
<b>Max Load:</b>	45 Amp
<b>Technical Insert Ref:</b>	<b>Description:</b>
45	1 gang 45A Double Pole Red Rocker
45N	1 gang 45A Double Pole Red Rocker + Neon
45V	45A Double Pole Red Rocker + Neon, Vertically Mounted

#### 45 AMP ROCKER SWITCH WITH 13AMP SOCKET

<b>Current Rating:</b>	Switch 45 Amp/Socket 13 Amp
<b>Max Load:</b>	Switch 45 Amp/Socket 13 Amp
<b>Technical Insert Ref:</b>	<b>Description:</b>
45SS1	45A Double Pole Red Rocker + Neon + 13A Switched Socket

### TECHNICAL SPECIFICATION:

<b>Voltage:</b>	220/250V AC
<b>IP Rating:</b>	IP2XD
<b>Switched Poles:</b>	Double
<b>Contact Gap Minimum:</b>	3mm
<b>Product Class 1:</b>	Must be earthed
<b>GRID-IT Product Class 1:</b>	Face plate must be earthed
<b>Ambient Operating Temperature:</b>	-5 to +40 C
<b>Location:</b>	Internal Use Only
<b>Max Installation Altitude:</b>	2000m

Standard Hamilton manufactured electrical accessories are designed to be mounted on BS4662:2006 flush wall boxes.

### STANDARDS:

<b>BS EN ISO Standard:</b>	
20AX/45Amp Double Pole Rocker	BS EN 60669-1
Double Pole Rocker with Socket	BS 4177

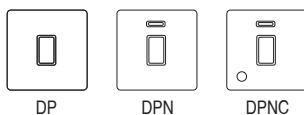
### TERMINAL CAPACITY:

	1mm <sup>2</sup>	1.5mm <sup>2</sup>	2.5mm <sup>2</sup>	4mm <sup>2</sup> Multi-Strand	6mm <sup>2</sup>	10mm <sup>2</sup>	16mm <sup>2</sup>
20AX Terminal Capacity			3	2	1		
20AX Earth Terminal Capacity	6	5	3	2	1		
45Amp Terminal Capacity					3	2	1
45Amp Earth Terminal Capacity					3	2	1
GDP/GKDP Terminal Capacity	5	4	2	1	1		
GDP/GKDP Earth Terminal Capacity	6	5	3	2	1		

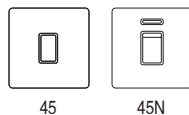
### Fixing Centres:

60.3mm  
**DPNC Cable Outlet**  
**Size:** Min 0.75mm<sup>2</sup>  
 Max 2.5mm<sup>2</sup>

#### 20AMP DP ROCKER SWITCH



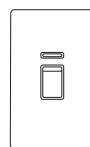
#### 45AMP DP ROCKER SWITCH



#### GRID-IT MODULE Fits 1 Grid-IT aperture

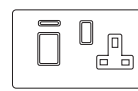


### 120.6mm



45V  
Vertically mounted

#### DP ROCKER WITH SOCKET



45SS1