

**PVC isolator**

**Enclosed load break switch**

# Engineered solutions

## **IP65/66 PVC Isolating Switch**

- IP65/66 protection rating
- outdoor and indoor application
- impact resistant UV grade polycarbonate
- quick and easy to install

## **IP41/ 55 Metal Enclosed Load Break Switch**

- robust metal enclosure
- rotary handle with mechanical interlock
- 20 to 1600A, 3P / 4P

**:hager**

**Description:**

The range of IP65/66 isolators are designed to be used in outdoor applications. They are rated at AC22A / AC23A and offer options of 2, 3 poles and 3 poles with switched neutral. They are compact and easy to install.

**Electrical specification:**

Tested and complies with BSEN 60947-3.  
 Rated voltage: 250V ~ AC  
 440V ~ AC  
 Rating AC22A / AC23A.

**Mechanical specification:**

Protection Category: IP65/ IP66  
 Material: Polycarbonate – UV grade.

**Devices & accessories:**

DP 20 - 63A  
 TP & N 20 - 125A  
 TP & SW N 20 - 63A

	Designation	IP	Current	H mm	W mm	D mm	Pack qty.	Cat. Ref. AC22A	Cat. Ref. AC23A
<p>JG220U      JG380S</p>	<b>2 pole</b>	IP66	20A	170	84	87	1	<b>JG220U</b>	<b>JG220IN</b>
		IP66	32A	170	84	87	1	<b>JG232U</b>	<b>JG232IN</b>
		IP66	40A	170	84	87	1	<b>JG240U</b>	<b>JG240IN</b>
		IP66	63A	170	84	87	1	<b>JG263U</b>	<b>JG263IN</b>
	<b>3 pole</b>	IP66	20A	170	84	87	1	<b>JG320U</b>	<b>JG320IN</b>
		IP66	32A	170	84	87	1	<b>JG332U</b>	<b>JG332IN</b>
		IP66	40A	170	84	87	1	<b>JG340U</b>	<b>JG340IN</b>
		IP65	63A	188	142	90	1	<b>JG363S</b>	-
		IP65	80A	188	142	90	1	<b>JG380S</b>	-
		IP65	125A	188	142	90	1	<b>JG325S</b>	-
	<b>4 pole</b>	IP66	20A	170	84	87	1	<b>JG420U</b>	<b>JG420IN</b>
		IP66	32A	170	84	87	1	<b>JG432U</b>	<b>JG432IN</b>
IP66		40A	170	84	87	1	<b>JG440U</b>	<b>JG440IN</b>	
IP66		63A	170	84	87	1	<b>JG463U</b>	<b>JG463IN</b>	

Enclosed load break switches 20-1600A

**Description**

The range of enclosed LBS have been designed to provide individual protection and control of circuits of up to 1600A. The number of enclosure sizes have been optimized, to ensure that the installation is easy and uniform. Products are designed to isolate individual circuits. All handles can be padlocked in the

off position\*. Extension boxes are available for extra cabling space. Operation is through a door operated rotary handle.

\* Option to padlock in the on position is available.

IP55 LBS is delivered with wall-mounting brackets.

**Electrical specification:**

Tested and complies to the relevant parts of BS EN 60947-3: BS EN 60439-1

**Electrical Supply:**

415V ~ AC Rating AC23A  
 IP41 LBS: 20-1600A  
 IP55 LBS: 63-630A  
 Mechanical specification:

Material 1.2 mm CR4 Steel  
 Powder Coated RAL 9002

IP41/ IP55

**Devices & accessories**

Cable extension box auxiliary contact terminal cover

	Designation	In A	Dimension								Pack	Cat. Ref.	Cat. Ref.
	<b>Enclosed LBS</b>		A	B	C	D	E	E1	F	F1	qty.	TP & N	TP & SW N
<p>JAB306S</p> <p>JAE320S-IP55</p>	<b>IP41</b>	20A	250	105	180	177	110	-	172	-	1	<b>JAB302S</b>	<b>JAB402S</b>
		32A	250	105	180	177	110	-	172	-	1	<b>JAB303S</b>	<b>JAB403S</b>
		40A	250	105	180	177	110	-	172	-	1	<b>JAB304S</b>	<b>JAB404S</b>
		63A	250	105	180	177	110	-	172	-	1	<b>JAB306S</b>	<b>JAB406S</b>
		100A	250	150	200	182	130	-	172	-	1	<b>JAB310S</b>	<b>JAB410S</b>
		160A	300	150	250	232	140	-	192	-	1	<b>JAC316S</b>	<b>JAC416S</b>
		200A	400	200	375	357	265	-	292	-	1	<b>JAE320S</b>	<b>JAE420S</b>
		250A	400	200	375	357	265	-	292	-	1	<b>JAE325S</b>	<b>JAE425S</b>
		315A	500	200	375	357	265	-	380	-	1	<b>JAG331S</b>	<b>JAG431S</b>
		400A	500	200	375	357	265	-	380	-	1	<b>JAG340S</b>	<b>JAG440S</b>
		630A	650	300	500	481.5	390	-	529	-	1	<b>JAH363S</b>	<b>JAH463S</b>
		800A	650	300	500	481.5	390	-	529	-	1	<b>JAH380S</b>	<b>JAH480S</b>
		1250A	1050	300	750	747	640	-	937	-	1	<b>JAH390S</b>	<b>JAH490S</b>
1600A	1050	300	750	747	640	-	937	-	1	<b>JAH392S</b>	<b>JAH492S</b>		
	<b>IP55</b>	63A	300	200	300	300	-	330	-	195	1	<b>JAB306S-IP55</b>	<b>JAB406S-IP55</b>
		100A	300	200	300	300	-	330	-	195	1	<b>JAB310S-IP55</b>	<b>JAB410S-IP55</b>
		160A	400	200	300	300	-	330	-	295	1	<b>JAC316S-IP55</b>	<b>JAC416S-IP55</b>
		200A	600	250	400	400	-	430	-	495	1	<b>JAE320S-IP55</b>	<b>JAE420S-IP55</b>
		250A	600	250	400	400	-	430	-	495	1	<b>JAE325S-IP55</b>	<b>JAE425S-IP55</b>
		315A	700	250	500	500	-	530	-	595	1	<b>JAG331S-IP55</b>	<b>JAG431S-IP55</b>
		400A	700	250	500	500	-	530	-	595	1	<b>JAG340S-IP55</b>	<b>JAG440S-IP55</b>
630A	800	300	600	600	-	630	-	695	1	<b>JAH363S-IP55</b>	<b>JAH463S-IP55</b>		
	<b>Cable extension boxes for IP41 LBS</b>	125A , 160A									1	-	<b>JZA700</b>
		200A , 250A , 315A , 400A									1	-	<b>JZA701</b>
		630A , 800A									1	-	<b>JZA702</b>
	<b>Auxiliary contact</b>	20A to 100A									1	-	<b>HZ021</b>
		125A to 800A									1	-	<b>HZ023</b>
	<b>Terminal cover</b>	125A to 200A										<b>3P</b>	<b>4P</b>
		250A to 400A										<b>HZC201</b>	<b>HZC202</b>
		630A										<b>HZC203</b>	<b>HZC204</b>
		800A										<b>HZC205</b>	<b>HZC206</b>
												<b>HZ036</b>	<b>HZ046</b>

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