Betagard Miniature Circuit Breakers
5SL6, with C Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **With ISI marking: CM/L No. 2255548**

7500A	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL61057RC	1/12
	1		■ 5SL61017RC	1/12
	2		5SL61027RC	1/12
	3		5SL61037RC	1/12
	4		■ 5SL61047RC	1/12
	6		■ 5SL61067RC	1/12
	8		5SL61087RC	1/12
	10		■ 5SL61107RC	1/12
	13		5SL61137RC	1/12
	16		■ 5SL61167RC	1/12
	20		■ 5SL61207RC	1/12
	25		5SL61257RC	1/12
	32		5SL61327RC	1/12
	40		5SL61407RC	1/12
	50		5SL61507RC	1/12
	63		5SL61637RC	1/12
2P, 415V AC	0.5	2	5SL62057RC	1/6
	1		5SL62017RC	1/6
	2		5SL62027RC	1/6
	3		5SL62037RC	1/6
	4		5SL62047RC	1/6
	6		■ 5SL62067RC	1/6
	8		5SL62087RC	1/6
	10		■ 5SL62107RC	1/6
	13		5SL62137RC	1/6
	16		5SL62167RC	1/6
	20		■ 5SL62207RC	1/6
	25		5SL62257RC	1/6
	32		5SL62327RC	1/6
	40		5SL62407RC	1/6
	50		5SL62507RC	1/6
	63		5SL62637RC	1/6
3P, 415V AC	0.5	3	5SL63057RC	1/4
	1		5SL63017RC	1/4
	2		5SL63027RC	1/4
	4		5SL63047RC	1/4
	6		■ 5SL63067RC	1/4
	10		■ 5SL63107RC	1/4
	16		■ 5SL63167RC	1/4
	20		5SL63207RC	1/4
	25		5SL63257RC	1/4
	32		■ 5SL63327RC	1/4
	40		■ 5SL63407RC	1/4
	50		5SL63507RC	1/4
	63		■ 5SL63637RC	1/4
4P, 415V AC	0.5	4	5SL64057RC	1/3
	1		5SL64017RC	1/3
	2		5SL64027RC	1/3
	4		5SL64047RC	1/3
	6		5SL64067RC	1/3
	10		5SL64107RC	1/3
	16		5SL64167RC	1/3
	20		5SL64207RC	1/3
	25		5SL64257RC	1/3
	32		5SL64327RC	1/3
	40		■ 5SL64407RC	1/3
	50		5SL64507RC	1/3
	63		■ 5SL64637RC	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL6, with B Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz**
- **With ISI marking: CM/L No. 2255548**

7500A	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC	6	1	■ 5SL61066RC	1/12
	10		5SL61106RC	1/12
	16		■ 5SL61166RC	1/12
	20		■ 5SL61206RC	1/12
	25		5SL61256RC	1/12
	32		■ 5SL61326RC	1/12
	40		5SL61406RC	1/12
	50		5SL61506RC	1/12
	63		5SL61636RC	1/12
2P, 415V AC	6	2	5SL62066RC	1/6
	10		5SL62106RC	1/6
	16		5SL62166RC	1/6
	20		5SL62206RC	1/6
	25		5SL62256RC	1/6
	32		5SL62326RC	1/6
	40		5SL62406RC	1/6
	50		5SL62506RC	1/6
	63		5SL62636RC	1/6
3P, 415V AC	6	3	5SL63066RC	1/4
	10		5SL63106RC	1/4
	16		5SL63166RC	1/4
	20		5SL63206RC	1/4
	25		5SL63256RC	1/4
	32		5SL63326RC	1/4
	40		5SL63406RC	1/4
	50		5SL63506RC	1/4
	63		5SL63636RC	1/4
4P, 415V AC	6	4	5SL64066RC	1/3
	10		5SL64106RC	1/3
	16		5SL64166RC	1/3
	20		5SL64206RC	1/3
	25		5SL64256RC	1/3
	32		5SL64326RC	1/3
	40		5SL64406RC	1/3
	50		5SL64506RC	1/3
	63		5SL64636RC	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Miniature Circuit Breakers
5SL4, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **Breaking capacity: 10kA as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

10000A	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL41057RC	1/12
	2		■ 5SL41027RC	1/12
	3		5SL41037RC	1/12
	4		5SL41047RC	1/12
	6		■ 5SL41067RC	1/12
	8		5SL41087RC	1/12
	10		■ 5SL41107RC	1/12
	13		5SL41137RC	1/12
	16		■ 5SL41167RC	1/12
	20		■ 5SL41207RC	1/12
	25		5SL41257RC	1/12
	32		■ 5SL41327RC	1/12
	40		5SL41407RC	1/12
	50		5SL41507RC	1/12
	63		5SL41637RC	1/12
2P, 415V AC	0.5	2	5SL42057RC	1/6
	2		■ 5SL42027RC	1/6
	3		5SL42037RC	1/6
	4		■ 5SL42047RC	1/6
	6		■ 5SL42067RC	1/6
	8		5SL42087RC	1/6
	10		■ 5SL42107RC	1/6
	13		5SL42137RC	1/6
	16		■ 5SL42167RC	1/6
	20		■ 5SL42207RC	1/6
	25		5SL42257RC	1/6
	32		5SL42327RC	1/6
	40		5SL42407RC	1/6
	50		5SL42507RC	1/6
	63		5SL42637RC	1/6
3P, 415V AC	0.5	3	5SL43057RC	1/4
	2		5SL43027RC	1/4
	3		5SL43037RC	1/4
	4		5SL43047RC	1/4
	6		■ 5SL43067RC	1/4
	8		5SL43087RC	1/4
	10		■ 5SL43107RC	1/4
	13		5SL43137RC	1/4
	16		■ 5SL43167RC	1/4
	20		■ 5SL43207RC	1/4
	25		5SL43257RC	1/4
	32		■ 5SL43327RC	1/4
	40		5SL43407RC	1/4
	50		5SL43507RC	1/4
	63		■ 5SL43637RC	1/4
4P, 415V AC	0.5	4	5SL44057RC	1/3
	2		5SL44027RC	1/3
	3		5SL44037RC	1/3
	4		5SL44047RC	1/3
	6		5SL44067RC	1/3
	8		5SL44087RC	1/3
	10		5SL44107RC	1/3
	13		5SL44137RC	1/3
	16		5SL44167RC	1/3
	20		5SL44207RC	1/3
	25		5SL44257RC	1/3
	32		■ 5SL44327RC	1/3
	40		5SL44407RC	1/3
	50		5SL44507RC	1/3
	63		■ 5SL44637RC	1/3

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL7, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)		MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	0.5	NEW	1	5SL71057RC	1/12
	1			5SL71017RC	1/12
	2			5SL71027RC	1/12
	4			5SL71047RC	1/12
	6			5SL71067RC	1/12
	10			5SL71107RC	1/12
	16			5SL71167RC	1/12
	20			5SL71207RC	1/12
	25			5SL71257RC	1/12
	32			5SL71327RC	1/12
	40			5SL71407RC	1/12
	50			5SL71507RC	1/12
	63			5SL71637RC	1/12
2P, 415V AC					
	0.5	NEW	2	5SL72057RC	1/6
	1			5SL72017RC	1/6
	2			5SL72027RC	1/6
	4			5SL72047RC	1/6
	6			5SL72067RC	1/6
	10			5SL72107RC	1/6
	16			5SL72167RC	1/6
	20			5SL72207RC	1/6
	25			5SL72257RC	1/6
	32			5SL72327RC	1/6
	40			5SL72407RC	1/6
	50			5SL72507RC	1/6
	63			5SL72637RC	1/6
3P, 415V AC					
	0.5	NEW	3	5SL73057RC	1/4
	1			5SL73017RC	1/4
	2			5SL73027RC	1/4
	4			5SL73047RC	1/4
	6			5SL73067RC	1/4
	10			5SL73107RC	1/4
	16			5SL73167RC	1/4
	20			5SL73207RC	1/4
	25			5SL73257RC	1/4
	32			5SL73327RC	1/4
	40			5SL73407RC	1/4
	50			5SL73507RC	1/4
	63			5SL73637RC	1/4
4P, 415V AC					
	0.5	NEW	4	5SL74057RC	1/3
	1			5SL74017RC	1/3
	2			5SL74027RC	1/3
	4			5SL74047RC	1/3
	6			5SL74067RC	1/3
	10			5SL74107RC	1/3
	16			5SL74167RC	1/3
	20			5SL74207RC	1/3
	25			5SL74257RC	1/3
	32			5SL74327RC	1/3
	40			5SL74407RC	1/3
	50			5SL74507RC	1/3
	63			5SL74637RC	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 63A - 10kA

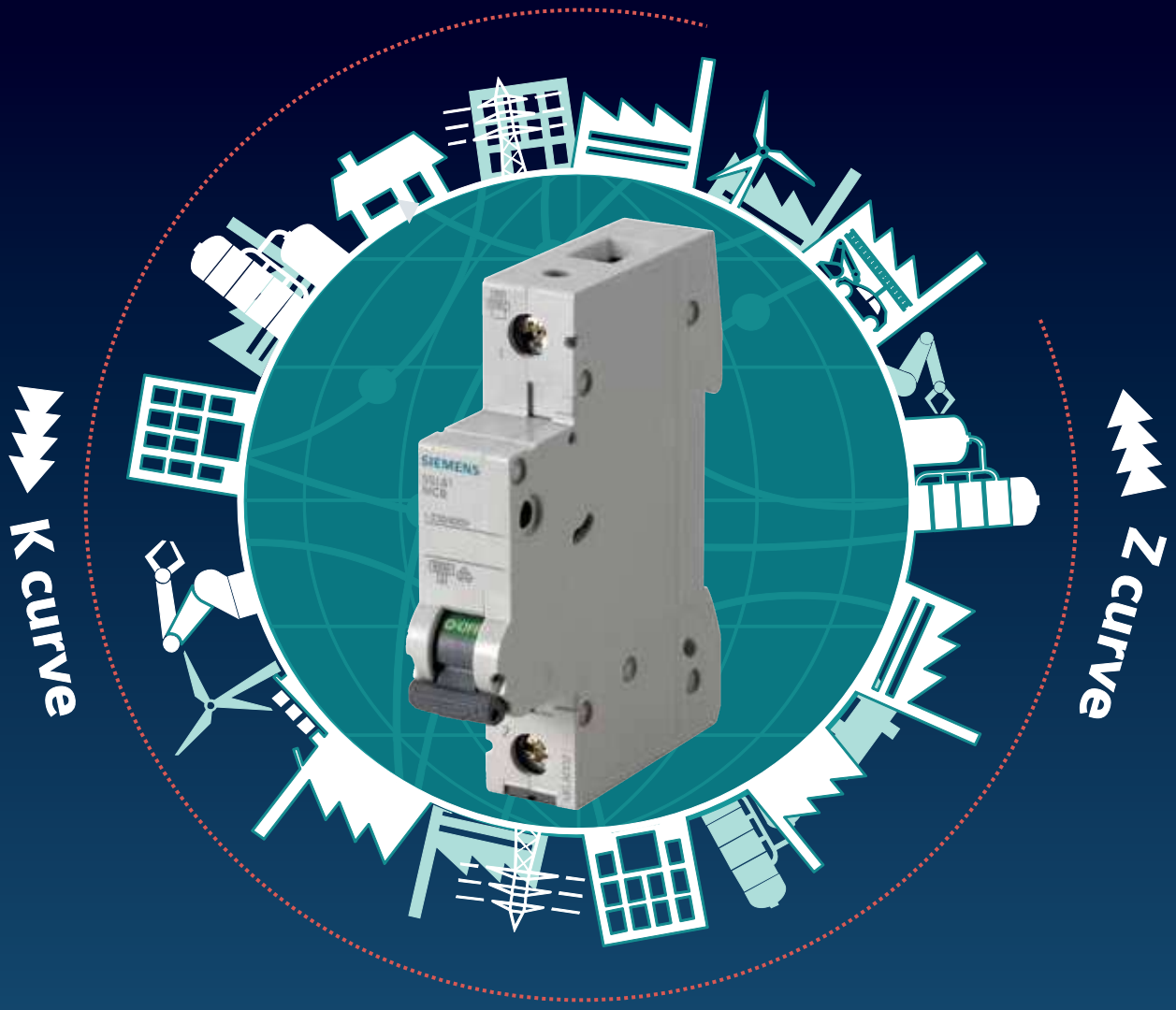
Betagard Miniature Circuit Breakers
5SL7, with D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)		MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	0.5	NEW	1	5SL71058RC	1/12
	1			5SL71018RC	1/12
	2			5SL71028RC	1/12
	4			5SL71048RC	1/12
	6			5SL71068RC	1/12
	10			5SL71108RC	1/12
	16			5SL71168RC	1/12
	20			5SL71208RC	1/12
	25			5SL71258RC	1/12
	32			5SL71328RC	1/12
	40			5SL71408RC	1/12
	50			5SL71508RC	1/12
	63			5SL71638RC	1/12
2P, 415V AC					
	0.5	NEW	2	5SL72058RC	1/6
	1			5SL72018RC	1/6
	2			5SL72028RC	1/6
	4			5SL72048RC	1/6
	6			5SL72068RC	1/6
	10			5SL72108RC	1/6
	16			5SL72168RC	1/6
	20			5SL72208RC	1/6
	25			5SL72258RC	1/6
	32			5SL72328RC	1/6
	40			5SL72408RC	1/6
	50			5SL72508RC	1/6
	63			5SL72638RC	1/6
3P, 415V AC					
	0.5	NEW	3	5SL73058RC	1/4
	1			5SL73018RC	1/4
	2			5SL73028RC	1/4
	4			5SL73048RC	1/4
	6			5SL73068RC	1/4
	10			5SL73108RC	1/4
	16			5SL73168RC	1/4
	20			5SL73208RC	1/4
	25			5SL73258RC	1/4
	32			5SL73328RC	1/4
	40			5SL73408RC	1/4
	50			5SL73508RC	1/4
	63			5SL73638RC	1/4
4P, 415V AC					
	0.5	NEW	4	5SL74058RC	1/3
	1			5SL74018RC	1/3
	2			5SL74028RC	1/3
	4			5SL74048RC	1/3
	6			5SL74068RC	1/3
	10			5SL74108RC	1/3
	16			5SL74168RC	1/3
	20			5SL74208RC	1/3
	25			5SL74258RC	1/3
	32			5SL74328RC	1/3
	40			5SL74408RC	1/3
	50			5SL74508RC	1/3
	63			5SL74638RC	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1] Breaking capacity 40A - 63A: 10kA



5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

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Betagard Circuit Breakers
5SL7, with K characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC				
	2	1	5SL71023RC	1/12
	4		5SL71043RC	1/12
	6		5SL71063RC	1/12
	10		5SL71103RC	1/12
	16		5SL71163RC	1/12
	20		5SL71203RC	1/12
	25		5SL71253RC	1/12
	32		5SL71323RC	1/12
	40		5SL71403RC	1/12
	63		5SL71633RC	1/12
2P, 415V AC				
	2	2	5SL72023RC	1/6
	4		5SL72043RC	1/6
	6		5SL72063RC	1/6
	10		5SL72103RC	1/6
	16		5SL72163RC	1/6
	20		5SL72203RC	1/6
	25		5SL72253RC	1/6
	32		5SL72323RC	1/6
	40		5SL72403RC	1/6
	63		5SL72633RC	1/6
3P, 415V AC				
	2	3	5SL73023RC	1/4
	4		5SL73043RC	1/4
	6		5SL73063RC	1/4
	10		5SL73103RC	1/4
	16		5SL73163RC	1/4
	20		5SL73203RC	1/4
	25		5SL73253RC	1/4
	32		5SL73323RC	1/4
	40		5SL73403RC	1/4
	63		5SL73633RC	1/4
4P, 415V AC				
	2	4	5SL74023RC	1/3
	4		5SL74043RC	1/3
	6		5SL74063RC	1/3
	10		5SL74103RC	1/3
	16		5SL74163RC	1/3
	20		5SL74203RC	1/3
	25		5SL74253RC	1/3
	32		5SL74323RC	1/3
	40		5SL74403RC	1/3
	63		5SL74633RC	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers
5SL4, with Z characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 240/415V AC				
	2	1	5SL41020RC	1/12
	4		5SL41040RC	1/12
	6		5SL41060RC	1/12
	10		5SL41100RC	1/12
	16		5SL41160RC	1/12
	20		5SL41200RC	1/12
	25		5SL41250RC	1/12
	32		5SL41320RC	1/12
	40		5SL41400RC	1/12
	63		5SL41630RC	1/12
2P, 415V AC				
	2	2	5SL42020RC	1/6
	4		5SL42040RC	1/6
	6		5SL42060RC	1/6
	10		5SL42100RC	1/6
	16		5SL42160RC	1/6
	20		5SL42200RC	1/6
	25		5SL42250RC	1/6
	32		5SL42320RC	1/6
	40		5SL42400RC	1/6
	63		5SL42630RC	1/6
3P, 415V AC				
	2	3	5SL43020RC	1/4
	4		5SL43040RC	1/4
	6		5SL43060RC	1/4
	10		5SL43100RC	1/4
	16		5SL43160RC	1/4
	20		5SL43200RC	1/4
	25		5SL43250RC	1/4
	32		5SL43320RC	1/4
	40		5SL43400RC	1/4
	63		5SL43630RC	1/4
4P, 415V AC				
	2	4	5SL44020RC	1/3
	4		5SL44040RC	1/3
	6		5SL44060RC	1/3
	10		5SL44100RC	1/3
	16		5SL44160RC	1/3
	20		5SL44200RC	1/3
	25		5SL44250RC	1/3
	32		5SL44320RC	1/3
	40		5SL44400RC	1/3
	63		5SL44630RC	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SY4, with C characteristics

- Standards: IEC/EN 60947-2
- Voltage: Un 230/400V
- Breaking capacity: 10kA as per IEC/EN 60947-2

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
	1Pole	80A	1	5SY41807CC	1/1
	2Pole		2	5SY42807CC	1/1
	3Pole		3	5SY43807CC	1/1
	4Pole		4	5SY44807CC	1/1

Betagard Miniature Circuit Breakers
5SP4, with C/D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V
- Breaking capacity: 10kA as per IS/IEC 60898-1:2002
- With ISI marking: CM/L No. 2255548

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
	1-pole	80 100 125	1.5	5SP41807RC 5SP41917RC 5SP41927RC	1/10 1/10 1/10
	2-pole	80 100 125	3	5SP42807RC 5SP42917RC 5SP42927RC	1/5 1/5 1/5
	3-pole	80 100 125	4.5	5SP43807RC 5SP43917RC 5SP43927RC	1/1 1/1 1/1
	4-pole	80 100 125	6	5SP44807RC 5SP44917RC 5SP44927RC	1/1 1/1 1/1

D characteristic

	1-pole	80 100	1.5	5SP41808RC 5SP41918RC	1/10 1/10
	2-pole	80 100	3	5SP42808RC 5SP42918RC	1/5 1/5
	3-pole	80 100	4.5	5SP43808RC 5SP43918RC	1/1 1/1
	4-pole	80 100	6	5SP44808RC 5SP44918RC	1/1 1/1

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, DC with C Characteristics

- **Standards: IS/IEC 60947-2**
- **Voltage: 220V DC/1P & 440VDC/2P^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A		Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
1P, 220V DC		0.5	1	5SL51057RC	1/12
		1		5SL51017RC	1/12
		2		5SL51027RC	1/12
		3		5SL51037RC	1/12
		4		5SL51047RC	1/12
		6		5SL51067RC	1/12
		8		5SL51087RC	1/12
		10		5SL51107RC	1/12
		16		5SL51167RC	1/12
		20		5SL51207RC	1/12
		25		5SL51257RC	1/12
		32		5SL51327RC	1/12
		40		5SL51407RC	1/12
		50		5SL51507RC	1/12
		63		5SL51637RC	1/12
2P, 440V DC		0.5	2	5SL52057RC	1/6
		1		5SL52017RC	1/6
		2		5SL52027RC	1/6
		3		5SL52037RC	1/6
		4		5SL52047RC	1/6
		6	■	5SL52067RC	1/6
		8		5SL52087RC	1/6
		10	■	5SL52107RC	1/6
		16	■	5SL52167RC	1/6
		20		5SL52207RC	1/6
		25		5SL52257RC	1/6
		32		5SL52327RC	1/6
		40		5SL52407RC	1/6
		50		5SL52507RC	1/6
		63		5SL52637RC	1/6

■ Stock items

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

Betagard Isolators 5TL1

- **Standard: IS/IEC 60947-3**
- **Voltage: 440V AC**

		Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400	1/1
		63		5TL12630	1/1
		80		5TL12800	1/1
		100		5TL12910	1/1
		125		5TL12920	1/1
	3-pole	40	3	5TL13400	1/1
		63		5TL13630	1/1
		80		5TL13800	1/1
		100		5TL13910	1/1
		125		5TL13920	1/1
	4-pole	40	4	5TL14400	1/1
		63		5TL14630	1/1
		80		5TL14800	1/1
		100		5TL14910	1/1
		125		5TL14920	1/1

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, 4-pole DC with C Characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: 880V DC/4P^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Std. Pkg.** (Nos.)
4P, 880V DC[1)]	6	4	5SL54067RC	1/3
	10		5SL54107RC	1/3
	16		5SL54167RC	1/3
	25		5SL54257RC	1/3
	32		5SL54327RC	1/3
	40		5SL54407RC	1/3
	63		5SL54637RC	1/3

1) Maximum operational voltage 1000V DC

^ For connection diagram, contact Siemens Sales Office for further details.

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

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