

French standard size 30 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	Total I ² t at 660V	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
690	700	50	610	PC30UD69V50TF	S300373C	3
690	700	63	1 100	PC30UD69V63TF	M300000C	3
690	700	80	1 750	PC30UD69V80TF	S300051C	3
690	700	100	2 500	PC30UD69V100TF	T300052C	3
690	700	125	4 500	PC30UD69V125TF	V300053C	3
690	700	160	8 500	PC30UD69V160TF	W300054C	3
690	700	200	15 500	PC30UD69V200TF	X300055C	3
690	700	250	30 000	PC30UD69V250TF	Y300056C	3
690	700	315	62 000	PC30UD69V315TF	Z300057C	3
690	700	350	80 000	PC30UD69V350TF	A300058C	3
690	700	400	120 000	PC30UD69V400TF	B300059C	3
690	700	450	150 000	PC30UD69V450TF	V300398C	3
690	700	500	240 000	PC30UD69V500TF	W300399C	3
690	700	550	300 000	PC30UD69V550TF	X300400C	3
Microswitch				MS3 V1-5	X310014A	1
Studs HC M8 x 30 & M8 x 35				STUM8x30M8x35	S098801F	6

French standard size 31 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	Total I ² t at 660V	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
690	700	160	6 900	PC31UD69V160TF	M300299C	3
690	700	200	13 500	PC31UD69V200TF	N300001C	3
690	700	250	25 000	PC31UD69V250TF	P300002C	3
690	700	315	40 000	PC31UD69V315TF	Q300003C	3
690	700	350	55 000	PC31UD69V350TF	M300046C	3
690	700	400	100 000	PC31UD69V400TF	R300004C	3
690	700	450	140 000	PC31UD69V450TF	S300005C	3
690	700	500	195 000	PC31UD69V500TF	T300006C	3
690	700	550	280 000	PC31UD69V550TF	V300007C	3
690	700	630	390 000	PC31UD69V630TF	W300008C	3
690	700	700	490 000	PC31UD69V700TF	X300009C	3
690	700	800	800 000	PC31UD69V800TF	Y300401C	3
Microswitch				MS3 V1-5	X310014A	1
Studs HC M8 x 30 & M8 x 35				STUM8x30M8x35	S098801F	6

Functions

Ultrafast semi-conductor protection fuses for industry, very current limiting under short circuit conditions, very low I²t. A faster range than ferrule-style fuses and one with higher ratings.

Class aR fuse with a minimum interrupting rating, i.e. requiring an outside device to clear small overloads (4 I_n or less).

Square body offering different types of connection: threaded terminals for mounting on SITT base or bar, French blades for mounting on a clip support whether

elastic (sizes 30, 31, 32) or bolted (size 33), DIN 80 and 110 for bolted mounting on base or bar. DIN 43653 and NF EN 60269-1 and 4 compliant.

Breaking capacity: 110 to 200 kA at rated voltage.

Applications

Power semi-conductor protection for soft starter, static relay, uninterrupted power supply UPS, speed regulator, rectifier, inverter, etc.

for DC Voltage application, see web site:
<http://www.ferraz-shawmut.com/advisor/pdf/PC3xaR69VFrFlatEnd.pdf>

French standard size 32 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	Total I ² t at 660V	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
690	700 RA	400	80 000	PC32UD69V400TF	H300065C	3
690	700 RA	450	115 000	PC32UD69V450TF	J300066C	3
690	700 RA	500	145 000	PC32UD69V500TF	K300067C	3
690	700 RA	550	195 000	PC32UD69V550TF	L300068C	3
690	700 RA	630	280 000	PC32UD69V630TF	M300069C	3
690	700 RA	700	400 000	PC32UD69V700TF	N300070C	3
690	700 RA	800	600 000	PC32UD69V800TF	P300071C	3
690	700 RA	900	900 000	PC32UD69V900TF	Q300072C	3
690	700 RA	1000	1 250 000	PC32UD69V1000TF	S300074C	3
600	650 RA	1100	1 670 000	PC32UD60V1100TF	M300759C	3
550	600	1250	2 400 000	PC32UD55V1250TF	P301060C	3
500	550	1400	3 400 000	PC32UD50V1400TF	Q301061C	3
500	550	1600	5 300 000	PC32UD50V1600TF	H300893C	3
450	500	1800		PC32UD45V1800TF	R301062C	3
Microswitch				MS3 V1-5	X310014A	1
Studs HC M10 x 30 & M10 x 50				STUM10x30M10x50	T098802F	6

French standard size 33 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	Total I ² t at 660V	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
690	700 RA	500	100 000	PC33UD69V500TF	V300076C	3
690	700 RA	550	140 000	PC33UD69V550TF	W300077C	3
690	700 RA	630	210 000	PC33UD69V630TF	X300078C	3
690	700 RA	700	300 000	PC33UD69V700TF	Y300079C	3
690	700 RA	800	490 000	PC33UD69V800TF	Z300080C	3
690	700 RA	900	700 000	PC33UD69V900TF	A300081C	3
690	700 RA	1000	900 000	PC33UD69V1000TF	B300082C	3
690	700 RA	1100	1 260 000	PC33UD69V1100TF	C300083C	3
690	700 RA	1250	1 850 000	PC33UD69V1250TF	D300084C	3
690	700 RA	1400	2 500 000	PC33UD69V1400TF	E300085C	3
600	650 RA	1500	3 000 000	PC33UD60V1500TF	Y300585C	3
600	650 RA	1600	3 300 000	PC33UD60V1600TF	Z300586C	3
600	650	1800	4 450 000	PC33UD60V1800TF	A300587C	3
550	600	2000	5 600 000	PC33UD55V2000TF	B300588C	3
500	550	2250	7 600 000	PC33UD50V2250TF	K300757C	3
450	500	2500		PC33UD45V2500TF	L300758C	3
Microswitch				MS3 V1-5	X310014A	3
Studs HC M12 x 85 & M12 x 50				STUM10x30M10x50	V098803F	6

Square body fuse holder



Fuse holder	Cat. Number 500 to 600 V DIN80	Ref. number 500 to 600V DIN80	Cat. Number 500 to 600V DIN110	Ref. number 500 to 600V DIN110	Pckg
Size 30	SITT30/31	B301232A	SP30	T096939A	1
Size 31	SITT30/31	B301232A	SE31	J098701A	1
Size 32	SITT32/33	D301234A	SE32	K098702A	1
Size 33	SITT32/33	D301234A	SF50-33	B209186A	1

German standard size 30 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	I ² t total to 660V	Cat Number Din 80	Ref. number Din 80	Cat Number Din 110	Ref. number Din 110	Pckg
690	700	50	610	PC30UD69V50A	F301926C	PC30UD69V50D1A	G301191C	3
690	700	63	1 100	PC30UD69V63A	E300108C	PC30UD69V63D1A	Q300118C	3
690	700	80	1 750	PC30UD69V80A	F300109C	PC30UD69V80D1A	R300119C	3
690	700	100	2 500	PC30UD69V100A	G300110C	PC30UD69V100D1A	S300120C	3
690	700	125	4 500	PC30UD69V125A	H300111C	PC30UD69V125D1A	T300121C	3
690	700	160	8 500	PC30UD69V160A	J300112C	PC30UD69V160D1A	V300122C	3
690	700	200	15 500	PC30UD69V200A	K300113C	PC30UD69V200D1A	W300123C	3
690	700	250	30 000	PC30UD69V250A	L300114C	PC30UD69V250D1A	X300124C	3
690	700	315	62 000	PC30UD69V315A	M300115C	PC30UD69V315D1A	Y300125C	3
690	700	350	80 000	PC30UD69V350A	N300116C	PC30UD69V350D1A	Z300126C	3
690	700	400	120 000	PC30UD69V400A	P300117C	PC30UD69V400D1A	A300127C	3
690	700	450	150 000	PC30UD69V450A	A300403C	PC30UD69V450D1A	S300695C	3
690	700	500	240 000	PC30UD69V500A	B300404C	PC30UD69V500D1A	Y301091C	3
690	700	550	300 000	PC30UD69V550A	C300405C	PC30UD69V550D1A	Z301092C	3
Microswitch				MS3 V1-5	X310014A	MS3 V1-5	X310014A	1

German standard size 31 - URD



Voltage IEC (V)	Voltage USA (V)	Current (A)	I ² t total to 660V	Cat Number Din 80	Ref. number Din 80	Cat Number Din 110	Ref. number Din 110	Pckg
690	700	160	6 900	PC31UD69V160A	M300322C	PC31UD69V160D1A	N300323C	3
690	700	200	13 500	PC31UD69V200A	Y300010C	PC31UD69V200D1A	H300019C	3
690	700	250	25 000	PC31UD69V250A	Z300011C	PC31UD69V250D1A	J300020C	3
690	700	315	40 000	PC31UD69V315A	A300012C	PC31UD69V315D1A	K300021C	3
690	700	350	55 000	PC31UD69V350A	Q300049C	PC31UD69V350D1A	P300048C	3
690	700	400	100 000	PC31UD69V400A	B300013C	PC31UD69V400D1A	L300022C	3
690	700	450	140 000	PC31UD69V450A	C300014C	PC31UD69V450D1A	M300023C	3
690	700	500	195 000	PC31UD69V500A	D300015C	PC31UD69V500D1A	N300024C	3
690	700	550	280 000	PC31UD69V550A	E300016C	PC31UD69V550D1A	P200025C	3
690	700	630	390 000	PC31UD69V630A	F300017C	PC31UD69V630D1A	Q300026C	3
690	700	700	490 000	PC31UD69V700A	G300018C	PC31UD69V700D1A	R300027C	3
690	700	800	800 000	PC31UD69V800A	D300406C	PC31UD69V800D1A	H300709C	3
Microswitch				MS3 V1-5	X310014A	MS3 V1-5	X310014A	1

Functions

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Class aR fuse with a minimum interrupting rating, i.e. requiring an outside device to clear small overloads (4 In or less).

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elastic (sizes 30, 31, 32) or bolted (size 33), DIN 80 and 110 for bolted mounting on base or bar. DIN 43653 and NF EN 60269-1 and 4 compliant.

Breaking capacity: 110 to 200 kA at rated voltage.

Applications

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for DC Voltage application, see web site: <http://www.ferraz-shawmut.com/advisor/pdf/PC3xaR69VDinBlade.pdf>

German standard size 32



Voltage IEC (V)	Voltage USA (V)	Current (A)	I ² t total to 660V	Cat Number Din 80	Ref. number Din 80	Cat Number Din 110	Ref. number Din 110	Pckg
690	700	400	80 000	PC32UD69V400A	E300177C	PC32UD69V400D1A	P300186C	3
690	700	450	115 000	PC32UD69V450A	F300178C	PC32UD69V450D1A	Q300187C	3
690	700	500	145 000	PC32UD69V500A	G300179C	PC32UD69V500D1A	R300188C	3
690	700	550	195 000	PC32UD69V550A	H300180C	PC32UD69V550D1A	S300189C	3
690	700	630	280 000	PC32UD69V630A	J300181C	PC32UD69V630D1A	T300190C	3
690	700	700	400 000	PC32UD69V700A	K300182C	PC32UD69V700D1A	V300191C	3
690	700	800	600 000	PC32UD69V800A	L300183C	PC32UD69V800D1A	W300192C	3
690	700	900	900 000	PC32UD69V900A	M300184C	PC32UD69V900D1A	X300193C	3
690	700	1000	1 250 000	PC32UD69V1000A	N300185C	PC32UD69V10CD1A	Y300194C	3
600	650	1100	1 670 000	PC32UD60V1100A	W302101C	PC32UD60V1100A	W302101C	3
550	600	1250	2 400 000	PC32UD50V1250A	G300409C	PC32UD50V1250A	G300409C	3
Microswitch				MS3 V1-5	X310014A	MS3 V1-5	X310014A	1

German standard size 33



Voltage IEC (V)	Voltage USA (V)	Current (A)	I ² t total to 660V	Cat Number Din 80	Ref. number Din 80	Cat Number Din 110	Ref. number Din 110	Pckg
690	700	500	100 000	PC33UD69V500A	G300248C	PC33UD69V500D1A	S300258C	3
690	700	550	140 000	PC33UD69V550A	H300249C	PC33UD69V550D1A	T300259C	3
690	700	630	210 000	PC33UD69V630A	J300250C	PC33UD69V630D1A	V300260C	3
690	700	700	300 000	PC33UD69V700A	K300251C	PC33UD69V700D1A	W300261C	3
690	700	800	490 000	PC33UD69V800A	L300252C	PC33UD69V800D1A	X300262C	3
690	700	900	700 000	PC33UD69V900A	M300253C	PC33UD69V900D1A	Y300263C	3
690	700	1000	900 000	PC33UD69V1000A	N300254C	PC33UD69V10CD1A	Z300264C	3
690	700	1100	1 260 000	PC33UD69V1100A	P300255C	PC33UD69V11CD1A	A300265C	3
690	700	1250	1 850 000	PC33UD69V1250A	Q300256C	PC33UD69V12CD1A	B300266C	3
690	700	1400	2 500 000	PC33UD69V1400A	R300257C	PC33UD69V14CD1A	C300267C	3
600	650	1600	3 300 000	PC33UD60V1600A	X301803C	PC33UD60V16CD1A	Z301437C	3
Microswitch				MS3 V1-5	X310014A	MS3 V1-5	X310014A	3

Square body fuse holder



Fuse holder	Cat. Number 500 to 600V DIN80	Ref. number 500 to 600V DIN80	Cat. Number 500 to 600V DIN110	Ref. number 500 to 600V DIN110	Pckg
Size 30	SIDN80630A	L098772A	SIDN110630A	F098031A	1
Size 31	SIDN80630A	L098772A	SIDN110630A	F098031A	1
Size 32	SIDN80630A	L098772A ⁽¹⁾	SIDN110630A	F098031A ⁽¹⁾	1
Size 32	SIDN801250A	F098560A ⁽²⁾	SIDN1101250A	L091941A ⁽²⁾	1
Size 33	SIDN80630A	L098772A ⁽¹⁾	SIDN110630A	F098031A ⁽¹⁾	1
Size 33	SIDN801250A	F098560A ⁽²⁾	SIDN1101250A	L091941A ⁽²⁾	1

(1) for ratings < 1250A
 (2) for ratings > 1250A

French standard size 70 - gRB

Current (A)	Voltage - Courbe	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
50	690 V gRB	PC70GB69V50TF	C301279C	3
63	690 V gRB	PC70GB69V63TF	D301280C	3
80	690 V gRB	PC70GB69V80TF	E301281C	3
100	690 V gRB	PC70GB69V100TF	F301282C	3
125	690 V gRB	PC70GB69V125TF	G301283C	3
160	690 V gRB	PC70GB69V160TF	L301310C	3
200	690 V gRB	PC70GB69V200TF	M301311C	3
250	690 V gRB	PC70GB69V250TF	N301312C	3
315	690 V gRB	PC70GB69V315TF	P301313C	3



French standard size 71 - gRB

Current (A)	Voltage - Courbe	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
125	690 V gRB	PC71GB69V125TF	Q301314C	3
160	690 V gRB	PC71GB69V160TF	R301315C	3
200	690 V gRB	PC71GB69V200TF	S301316C	3
250	690 V gRB	PC71GB69V250TF	T301317C	3
315	690 V gRB	PC71GB69V315TF	N301427C	3
350	690 V gRB	PC71GB69V350TF	V301318C	3
400	690 V gRB	PC71GB69V400TF	W301319C	3
450	690 V gRB	PC71GB69V450TF	X301320C	3
500	690 V gRB	PC71GB69V500TF	S301707C	3



French standard size 72 - gRB

Current (A)	Voltage - Courbe	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
200	690 V gRB	PC72GB69V200TF	F301328A	1
250	690 V gRB	PC72GB69V250TF	G301329A	1
315	690 V gRB	PC72GB69V315TF	H301330A	1
350	690 V gRB	PC72GB69V350TF	W301710A	1
400	690 V gRB	PC72GB69V400TF	J301331A	1
450	690 V gRB	PC72GB69V450TF	X301711A	1
500	690 V gRB	PC72GB69V500TF	K301332A	1
550	690 V gRB	PC72GB69V550TF	L301333A	1
630	690 V gRB	PC72GB69V630TF	M301334A	1
700	690 V gRB	PC72GB69V700TF	Y301712A	1



French standard size 73 - gRB

Current (A)	Voltage - Courbe	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
315	690 V gRB	PC73GB69V315TF	W301342A	1
350	690 V gRB	PC73GB69V350TF	B301715A	1
400	690 V gRB	PC73GB69V400TF	X301343A	1
450	690 V gRB	PC73GB69V450TF	Y301344A	1
500	690 V gRB	PC73GB69V500TF	C301716A	1
550	690 V gRB	PC73GB69V550TF	Z301345A	1
630	690 V gRB	PC73GB69V630TF	A301346A	1
700	690 V gRB	PC73GB69V700TF	B301347A	1
800	690 V gRB	PC73GB69V800TF	D301717A	1
900	690 V gRB	PC73GB69V900TF	S301638A	1
1000	690 V gRB	PC73GB69V10CTF	F301719A	1



French standard size 70 - URD



Current (A)	Voltage - Curve	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
50	1250 V URD	PC70UD13C50TF	C301095C	3/39
63	1250 V URD	PC70UD13C63TF	M300483C	3/39
80	1250 V URD	PC70UD13C80TF	N300484C	3/39
100	1250 V URD	PC70UD13C100TF	P300485C	3/39
125	1250 V URD	PC70UD13C125TF	Q300486C	3/39
160	1250 V URD	PC70UD13C160TF	R300487C	3/39
200	1250 V URD	PC70UD13C200TF	S300488C	3/39
250	1250 V URD	PC70UD13C250TF	T300489C	3/39
280	1200 V URD	PC70UD12C280TF	N300714C	3/39
315	1200 V URD	PC70UD12C315TF	V300490C	3/39
350	1100 V URD	PC70UD11C350TF	W300491C	3/39
400	1100 V URD	PC70UD11C400TF	E300867C	3/39

French standard size 71 - URD



Current (A)	Voltage - Curve	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
160	1250 V URD	PC71UD13C160TF	B300749C	3/27
200	1250 V URD	PC71UD13C200TF	Z300517C	3/27
250	1250 V URD	PC71UD13C250TF	A300518C	3/27
280	1250 V URD	PC71UD13C280TF	P300715C	3/27
315	1250 V URD	PC71UD13C315TF	B300519C	3/27
350	1250 V URD	PC71UD13C350TF	C300520C	3/27
400	1250 V URD	PC71UD13C400TF	D300521C	3/27
450	1250 V URD	PC71UD13C450TF	E300522C	3/27
500	1100 V URD	PC71UD11C500TF	F300523C	3/27
550	1100 V URD	PC71UD11C550TF	G300524C	3/27
630	1100 V URD	PC71UD11C630TF	H300525C	3/27
900	800 V URD	PC71UD80V900TF	N301289C	3/27
1000	750 V URD	PC71UD75V100TF	R301292C	3/27

French standard size 72 - URD



Current (A)	Voltage - Curve	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
280	1250 V URD	PC72UD13C280TF	Y300493C	3/36
315	1250 V URD	PC72UD13C315TF	Z300494C	3/18
350	1250 V URD	PC72UD13C350TF	A300495C	3/36
400	1250 V URD	PC72UD13C400TF	B300496C	3/18
450	1250 V URD	PC72UD13C450TF	C300497C	3/15
500	1250 V URD	PC72UD13C500TF	D300498C	3/36
550	1250 V URD	PC72UD13C550TF	E300499C	3/36
630	1250 V URD	PC72UD13C630TF	F300500C	3/15
700	1100 V URD	PC72UD11C700TF	G300501C	3/18
800	1100 V URD	PC72UD11C800TF	H300502C	3/18
900	1000 V URD	PC72UD10C900TF	G300869C	3/18
1000	850 V URD	PC72UD85V1000TF	T301294C	3/18

French standard size 73 - URD

Current (A)	Voltage - Curve	Cat Number threaded terminals	Ref. number threaded terminals	Pckg
350	1250 V URD	PC73UD13C350TF	K300504A	1/9
375	1250 V URD	PC73UD13C375TF	C301992A	1/9
400	1250 V URD	PC73UD13C400TF	L300505A	1/9
450	1250 V URD	PC73UD13C450TF	M300506A	1/9
500	1250 V URD	PC73UD13C500TF	N300507A	1/9
550	1250 V URD	PC73UD13C550TF	P300508A	1/9
630	1250 V URD	PC73UD13C630TF	Q300509A	1/9
700	1250 V URD	PC73UD13C700TF	R300510A	1/9
800	1250 V URD	PC73UD13C800TF	S300511A	1/13
900	1200 V URD	PC73UD12C900TF	T300512A	1/10
1000	1000 V URD	PC73UD10C1000TF	V300513A	1/11
1100	1000 V URD	PC73UD10C11CTF	R300832A	1/11
1100	950 V URD	PC73UD95V11CTF	W300514A	1/11
1400	850 V URD	PC73UD85C14CTF	S300718A	1/11
1300	900 V URD	PC73UD90V13CTF	T300696A	1/11



German standard size 70 - gRB

Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
100	690 V gRB	PC70GB69V100D1A	Q302027C	3
125	690 V gRB	PC70GB69V125D1A	S302742C	3
160	690 V gRB	PC70GB69V160D1A	R301591C	3
200	690 V gRB	PC70GB69V200D1A	S301592C	3
250	690 V gRB	PC70GB69V250D1A	Z301943C	3
315	690 V gRB	PC70GB69V315D1A	J301584C	3
315	690 V gRB	PC70GB69V350D1A	W302124C	3



German standard size 71 - gRB

Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
125	690 V gRB	PC71GB69V125D1A	B302658C	3
160	690 V gRB	PC71GB69V160D1A	C302659C	3
200	690 V gRB	PC71GB69V200D1A	C302682C	3
250	690 V gRB	PC71GB69V250D1A	R302143C	3
450	690 V gRB	PC71GB69V450D1A	R301637C	3
500	690 V gRB	PC71GB69V500D1A	A301737C	3



German standard size 72 - gRB

Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
250	690 V gRB	PC72GB69V250D1A	T302697A	1
350	690 V gRB	PC72GB69V350D1A	E302500A	1
400	690 V gRB	PC72GB69V400D1A	V302215A	1
450	690 V gRB	PC72GB69V450D1A	Q302671A	1
550	690 V gRB	PC72GB69V550D1A	L301724A	1



German standard size 72 - gRB



Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
500	690 V gRB	PC73GB69V500D1A	W302216A	1
550	690 V gRB	PC73GB69V550D1A	R302672A	1
700	690 V gRB	PC73GB69V700D1A	F301765A	1
1000	690 V gRB	PC73GB69V10CD1A	S302673A	1

German standard size 70 - URD



Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
50	1250 V URD	PC70UD13C50D1A	D300544C	3/36
63	1250 V URD	PC70UD13C63D1A	F300868C	3/36
80	1250 V URD	PC70UD13C80D1A	J300710C	3/36
100	1250 V URD	PC70UD13C100D1A	C300543C	3/36
125	1250 V URD	PC70UD13C125D1A	X300538C	3/36
160	1250 V URD	PC70UD13C160D1A	Y300539C	3/36
200	1250 V URD	PC70UD13C200D1A	Z300540C	3/24
250	1250 V URD	PC70UD13C250D1A	A300541C	3/36
350	1100 V URD	PC70UD11C350D1A	B300542C	3/36
400	1100 V URD	PC70UD11C400D1A	J301906C	3/36
280	1200 V URD	PC70UD12C280D1A	V300536C	3/36
315	1200 V URD	PC70UD12C315D1A	W300537C	3/36

German standard size 71 - URD



Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
160	1250 V URD	PC71UD13C160D1A	N300553C	3/27
200	1250 V URD	PC71UD13C200D1A	L300551C	3/27
250	1250 V URD	PC71UD13C250D1A	M300552C	3/27
315	1250 V URD	PC71UD13C315D1A	D300751C	3/27
350	1250 V URD	PC71UD13C350D1A	E300545C	3/27
400	1250 V URD	PC71UD13C400D1A	F300546C	3/27
450	1250 V URD	PC71UD13C450D1A	G300547C	3/27
500	1100 V URD	PC71UD11C500D1A	H300548C	3/27
550	1100 V URD	PC71UD11C550D1A	J300549C	3/27
630	1000 V URD	PC71UD10C630D1A	K300550C	3/27

German standard size 72 - URD

Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
700	1000 V URD	PC72UD10C700D1A	Y300562C	3/18
800	1000 V URD	PC72UD10C800D1A	Z300563C	3/18
900	1000 V URD	PC72UD10C900D1A	H300870C	3/18
630	1100 V URD	PC72UD11C630D1A	X300561C	3/18
250	1250 V URD	PC72UD13C250D1A	W301595C	3/18
280	1250 V URD	PC72UD13C280D1A	P300554C	3/18
315	1250 V URD	PC72UD13C315D1A	O300555C	3/18
350	1250 V URD	PC72UD13C350D1A	R300556C	3/18
400	1250 V URD	PC72UD13C400D1A	S300557C	3/18
450	1250 V URD	PC72UD13C450D1A	T300558C	3/18
500	1250 V URD	PC72UD13C500D1A	V300559C	3/18
550	1250 V URD	PC72UD13C550D1A	W300560C	3/18
550	1250 V URD	PC72UD13C550D1I	G302203C	3/18



German standard size 73 - URD

Current (A)	Voltage - Curve	Cat Number blades DIN 110	Ref. number blades DIN 110	Pckg
350	1250 V URD	PC73UD13C350D1A	X300837A	1/12
400	1250 V URD	PC73UD13C400D1A	K300573A	1/12
450	1250 V URD	PC73UD13C450D1A	J300572A	1/12
500	1250 V URD	PC73UD13C500D1A	H300571A	1/12
550	1250 V URD	PC73UD13C550D1A	B300565A	1/12
630	1250 V URD	PC73UD13C630D1A	C300566A	1/12
700	1200 V URD	PC73UD12C700D1A	D300567A	1/12
800	1100 V URD	PC73UD11C800D1A	E300568A	1/12
900	1000 V URD	PC73UD10C900D1A	F300569A	1/12
1000	900 V URD	PC73UD90V10CD1A	G300570A	1/12
1000	1000 V URD	PC73UD10C10CD1A	L300574A	1/11
1100	900 V URD	PC73UD90V11CD1A	M300575A	1/12



Finger safe to IP20 standard carriers for PSC 000, 00, 3x and 7x fuses

Fuse bases IP20	Rated insulation voltage Ui (AC 50/60 Hz & DC)	Current	Dielectric strength test		Flame/ smoke rating
			AC voltage 1 mn 50/60 Hz	Impulse voltage 1,2/50 µs	
SI TT 30/31	1500 V	1000 A	10 kV	12 kV	UL 94 VO II F1 (NF 16102)
SI TT 70/71	1500 V	1000 A	10 kV	12 kV	
SI TT 32/33	1500 V	2500 A	10 kV	12 kV	
SI TT 72/73	1500 V	2500 A	10 kV	12 kV	
SI 000 DIN 80	700 V	400 A	7 kV	8 kV	UL 94 VO
SI 00 DIN 80	700 V	400 A	8 kV	12 kV	UL 94 VO-I3F3 (NF16102)
SI DIN 80/630 (30 TO 33)	1500 V	2500 A	10 kV	12 kV	II F1 (NF 16102)
SI DIN 110/630 (30 TO 33-70 TO 73)	1500 V	2500 A	10 kV	12 kV	UL 94 VO

Reference numbers – Catalog numbers



Size	No microswitch can be used			Microswitch can be used		
	TTF	DIN 80	DIN 110	TTF	DIN 80	DIN 110
000		B227218 S1000FS1DN80R			V227672 S1000FS1DN80RM	
00		C227219 S100FS1DN80R			W227673 S100FS1DN80RM	
30	N320701	L320745	X320755	P320725	R320750	C320760
31	S130-31FS1TTR			S10-2FS1DN11R		
32	S320705	S130-32FS1DN80R	V320730			
33	Y320710	S13XFS1DN80RM	S132-33FS1TTRM			
70	D320715		X320755	A320735C	C320760	S10-3FS1DN11RM
71	S170-71FS1TTR		S10-1-2FS1DN11R	S170-71FS1TTRM		
72	J320720			F320740		
73	S172-73FS1TTR		C320760	S172 73FS1TTRM		
			S10-3FS1DN11RM			

ITCP pour fusibles semi-conducteurs

Tableau de sélection : calibres thermiques ITCP / Type de fusible
Catalog number



Pour fusibles PROTISTOR®

ITCP Thermal rating Ambient temperatu- re outside ≤ 40°C	Max. power loss in fuse	Ferrule				00 - 000	
		10 x 38	14 x 51	22 x 58	27 x 60	Couteaux pleins 00P	Brackets 000/00D80
32 A	3,5 W @ Ith 3,5 W @ Ithe	ITCP32C3CP10 ITCP32S3CF					
50 A	7,5 W @ Ith 7,5 W @ Ithe		ITCP50C3CP14 ITC50S3CF				
125 A	12 W @ Ith 12 W @ Ithe			ITCP125C3CP22 ITC125S3CF			
160 A (135)*	12 W @ Ith 9 W @ Ithe				- ITCP160K3CP27	ITCP160C3D08 ITC160S3CF	
250 A (230)*	32 W @ Ith 23 W @ Ithe						ITCP250C3TD08 ITCP250K3TD08
400 A (360)*	45 W @ Ith 34 W @ Ithe*						ITCP400C3TD08 ITCP400K3TD08
630 A (570)*	60 W @ Ith 45 W @ Ithe*						
800 A (720)*	65 W @ Ith 55 W @ Ithe*						

Catalog number

Pour fusibles PROTISTOR®

ITCP Thermal rating Ambient tempe- rature outside ≤ 40°C	Max. power loss in fuse	End contacts PSC							
		30TT	31TT	32TT	33TT	70TT	71TT	72TT	73TT
32 A	3,5 W @ Ith 3,5 W @ Ithe								
50 A	7,5 W @ Ith 7,5 W @ Ithe								
125 A	12 W @ Ith 12 W @ Ithe								
160 A (135)*	12 W @ Ith 9 W @ Ithe								
250 A (230)*	32 W @ Ith 23 W @ Ithe	ITCP250C3TTF3 ITCP250K3TTF3	ITCP250C3TTF3 ITCP250K3TTF3			ITCP250C3TTF7 ITCP250K3TTF7	ITCP250C3TTF7 ITCP250K3TTF7		
400 A (360)*	45 W @ Ith 34 W @ Ithe*	ITCP400C3TTF3 ITCP400K3TTF3	ITCP400C3TTF3 ITCP400K3TTF3	ITCP400C3TTF3 ITCP400K3TTF3		ITCP400C3TTF7 ITCP400K3TTF7	ITCP400C3TTF7 ITCP400K3TTF7	ITCP400C3TTF7 ITCP400K3TTF7	
630 A (570)*	60 W @ Ith 45 W @ Ithe*	ITCP630C3TTF ITCP630K3TTF	ITCP630C3TTF ITCP630K3TTF	ITCP630C3TTF ITCP630K3TTF		ITCP630C3TTF ITCP630K3TTF	ITCP630C3TTF ITCP630K3TTF	ITCP630C3TTF ITCP630K3TTF	
800 A (720)*	65 W @ Ith 55 W @ Ithe*	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800K3TTF	ITCP800C3TTF ITCP800 K3TTF

In bold face type: Switches + accessories to be assembled (switch + connection kit + inside handle + protection against accidental contact with fuses + protection against accidental contact with terminals + pre-isolating microswitch).


In italics: Switch – Order accessories separately.

@ Ith: Value given at switch thermal rating


@ Ithe: Value given for shrouded switch (as when in cubicle)

ITCP pour fusibles semi-conducteurs

Tableau de sélection : calibres thermiques ITCP / Type de fusible Catalog number

		Pour fusibles PROTISTOR®			
ITCP Thermal rating Ambient temperature outside ≤ 40°C	Max. power loss in fuse	German PSC range			
		30-70 DIN 110	31-71 DIN 110	32-72 DIN 110	33-73 DIN 110
					
32 A	3,5 W @ Ith 3,5 W @ Ithe				
50 A	7,5 W @ Ith 7,5 W @ Ithe				
125 A	12 W @ Ith 12 W @ Ithe				
160 A (135)*	12 W @ Ith 9 W @ Ithe				
250 A (230)*	32 W @ Ith 23 W @ Ithe	ITCP250C3D11 ITCP250K3D11	ITCP250C3D11 ITCP250K3D11		
400 A (360)*	45 W @ Ith 34 W @ Ithe*	ITCP400C3D11 ITCP400K3D11	ITCP400C3D11 ITCP400K3D11	ITCP400C3D11 ITCP400K3D11	
630 A (570)*	60 W @ Ith 45 W @ Ithe*	ITCP630C3D08/14 ITCP630K3D11/14	ITCP630C3D08/14 ITCP630K3D11/14	ITCP630C3D08/14 ITCP630K3D11/14	
800 A (720)*	65 W @ Ith 55 W @ Ithe*	ITCP800C3D08/14 ITCP800K3D08/14	ITCP800C3D08/14 ITCP800K3D08/14	ITCP800C3D08/14 ITCP800K3D08/14	ITCP800C3D08/14 ITCP800K3D08/14

Catalog number

		Pour fusibles PROTISTOR®							
ITCP Thermal rating Ambient temperature outside ≤ 40°C	Max. power loss in fuse	American PSC range							
		Long blades				Short blades			
		30LI	31LLI	32LI	33LI	70KI	71KI	72KI	73KI
									
32 A	3,5 W @ Ith 3,5 W @ Ithe								
50 A	7,5 W @ Ith 7,5 W @ Ithe								
125 A	12 W @ Ith 12 W @ Ithe								
160 A (135)*	12 W @ Ith 9 W @ Ithe								
250 A (230)*	32 W @ Ith 23 W @ Ithe	ITCP250C3US ITCP250K3US	ITCP250C3US ITCP250K3US			ITCP250C3US ITCP250K3US	ITCP250C3US ITCP250K3US		
400 A (360)*	45 W @ Ith 34 W @ Ithe*	ITCP400C3US ITCP400K3US	ITCP400C3US ITCP400K3US	ITCP400C3US ITCP400K3US		ITCP400C3US ITCP400K3US	ITCP400C3US ITCP400K3US	ITCP400C3US ITCP400K3US	
630 A (570)*	60 W @ Ith 45 W @ Ithe*	ITCP630C3US ITCP630K3US	ITCP630C3US ITCP630K3US	ITCP630C3US ITCP630K3US		ITCP630C3US ITCP630K3US	ITCP630C3US ITCP630K3US	ITCP630C3US ITCP630K3US	
800 A (720)*	65 W @ Ith 55 W @ Ithe*	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US	ITCP800C3US ITCP800K3US

In boldface type: Switches + accessories to be assembled (switch + connection kit + inside handle + protection against accidental contact with fuses + protection against accidental contact with terminals + pre-isolating microswitch).

In italics: Switch – Order accessories separately.

@ Ith: Value given at switch thermal rating

@ Ithe: Value given for shrouded switch (as when in cubicle)

ITCP for semi-conductor fuses

Selection chart: ITCP thermal ratings vs. fuse type

Ref. number



For PROTISTOR® fuses

ITCP Thermal rating Ambient temperature outside $\leq 40^{\circ}\text{C}$	Max. power loss in fuse	Ferrule				00 - 000 Solid blades Brackets		End contacts PSC								
		10 x 38	14 x 51	22 x 58	27 x 60	00P	000/00D80	30TT	31TT	32TT	33TT	70TT	71TT	72TT	73TT	
32 A	3,5 W @ lth 3,5 W @ lthe	B210405 J205283														
50 A	7,5 W @ lth 7,5 W @ lthe		C210406 Y209896													
125 A	12 W @ lth 12 W @ lthe			D210407 L210782												
160 A (135)*	12 W @ lth 9 W @ lthe				E210408 B210888		F210409 S210788									
250 A (230)*	32 W @ lth 23 W @ lthe						G210410 X210125	H210411 Y210126	H210411 Y210126			J210412 Z210127	J210412 Z210127			
400 A (360)*	45 W @ lth 34 W @ lthe*						M210415 C210130	N210416 D210131	N210416 D210131	N210416 D210131		P210417 E210132	P210417 E210132	P210417 E210132		
630 A (570)*	60 W @ lth 45 W @ lthe*							S210420 H210135	S210420 H210135	S210420 H210135		S210420 H210135	S210420 H210135	S210420 H210135		
800 A (720)*	65 W @ lth 55 W @ lthe*							W210423 M210139	W210423 M210139	W210423 M210139	W210423 M210139	W210423 M210139	W210423 M210139	W210423 M210139	W210423 M210139	

Ref. number

For PROTISTOR® fuses

ITCP Thermal rating Ambient temperature outside $\leq 40^{\circ}\text{C}$	Max. power loss in fuse	German PSC range				American PSC range										
		30-70 DIN 110	31-71 DIN 110	32-72 DIN 110	33-73 DIN 110	Long blades				Short blades						
						30LI	31LLI	32LI	33LI	70KI	71KI	72KI	73KI			
32 A	3,5 W @ lth 3,5 W @ lthe															
50 A	7,5 W @ lth 7,5 W @ lthe															
125 A	12 W @ lth 12 W @ lthe															
160 A (135)*	12 W @ lth 9 W @ lthe															
250 A (230)*	32 W @ lth 23 W @ lthe	K210413 A210128	K210413 A210128			L210414 B210129	L210414 B210129			L210414 B210129	L210414 B210129					
400 A (360)*	45 W @ lth 34 W @ lthe*	Q210418 F210133	Q210418 F210133	Q210418 F210133		R210419 G210134	R210419 G210134	R210419 G210134		R210419 G210134	R210419 G210134	R210419 G210134				
630 A (570)*	60 W @ lth 45 W @ lthe*	T210421 L210138	T210421 L210138	T210421 L210138		V210422 K210137	V210422 K210137	V210422 K210137		V210422 K210137	V210422 K210137	V210422 K210137				
800 A (720)*	65 W @ lth 55 W @ lthe*	X210424 Q210142	X210424 Q210142	X210424 Q210142	X210424 Q210142	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	Y210425 P210141	

In boldface type: Switches + accessories to be assembled (switch + connection kit + inside handle + protection against accidental contact with fuses + protection against accidental contact with terminals + pre-isolating microswitch).

In italics: Switch – Order accessories separately.

@ lth: Value given at switch thermal rating

@ lthe: Value given for shrouded switch (as when in cubicle)

Fuse Monitoring for 3-phase circuits

Fuse Monitoring, Suitable for 3-phase circuits (can be used for single-phase).

- includes the auxiliary contacts 1NO + 1NC.



Cat Number	Reference	Rated voltage [Vac]	Mounting on	Weight [kg]	Pack [pcs]
FM100/260	N229276A	100...260	ITC/ITCP*	0.14	1
FM380/690	P229277A	380...690	ITC/ITCP*	0.14	1
FM100/260RD	S236824A	100...260	Rail DIN**	0.19	1
FM380/690RD	T236825A	380...690	Rail DIN**	0.19	1

*: Snap-on switches ITC/ITCP 63/125/160 or screw mounting for all switches and fuse holders

** : Snap-on DIN rail. All switches-fuses and all fuse holders

Mounting accessories

Includes 6 pcs crimp terminals.

Cat Number	Reference	For switch size ITC/ITCP	Crimp terminal size [mm]	Pack [pc]	Description
COSSES2,8	J229272A	ITC/ITCP 32,63,125,160	2.8 - 0.8	1	6 x Terminals 2.8 mm
COSSES6,3	K229273A	6.3 - 0.8	6.3 - 0.8	1	6 x Terminals 6.3 mm
GRIFFES5	L229274A	ITC/ITCP 250,400,630,800	6.3 - 0.8	1	6 x Clamps for fitting - 2.5 or 5mm Cubars



Terminals 2.8 mm

Terminals 6.3 mm

Clamps for fitting - 5 mm Cubars

Clamps for fitting - 2.5 mm Cubars