



Selection Guide



Circuit Protection Solutions



60+ years of experience

Chordn srl, your Italian partner for industrial automation, was founded in 1963, specializing in electrical equipment and lighting with more than 60 years of experience. The company is committed to providing customers with perfect solutions of circuit protection and temperature control system. We continuously improve our production capacity and product performance, accumulating a wealth of experience. Today it is split into two separate business divisions, chordn electric & chordn lighting, to channel and focus its expertise into two distinct market sectors.

Today chordn group has:

- 60+ years Experience
- Five production centers
- 13+ Application field
- A worldwide presence



A well-known specialist

Chordn electric is now structured into eleven strategic business units and has pursued innovations, including fuses, solid state relays, electromechanical relays, monitoring relays, power analyzers, current transformers, Optomos, etc. Its R&D and marketing teams enable chordn to be recognized as a famous specialist in Temperature controllers, Fuses, Solid State Relays and Process control instruments. Chordn always keep its commitment when it achieves rapid achievement- providing customers with high quality products and good services according to their requirements.



From design to manufacturing

chordn electric controls the complete chain: design, development, production, testing and marketing.

chordn electric manufactures various electrical devices but has also developed its own production equipment to ensure the most efficient manufacturing methods.

Thanks to its high-capacity and magic tooling, chordn products can be found around the world and have been recognized by the most renowned industrial companies.



Challenge the future with strong innovation

chordn electric constant product development and commitment to work with customers to develop bespoke solutions increases our production capacity by around 10% per year.

Innovation is the challenge that chordn electric has to take up every day by anticipating the market trends and implementing specific knowledge and skills in partnership with industry and research.

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Low voltage general purpose fuses

The better your over-current protection, the easier it is to minimize downtime and repair bills. Chordn current-limiting fuses are a perfect example - they open in less than one-quarter cycle to provide the Type "2" protection that prevents costly equipment damage.

European Cylindrical Style

Chordn AG time-delay midjet fuses are rated 690 Volts AC and are offered in ampere ratings from 0.5A to 125A. They have 12 seconds time-delay at 200% rating to provide supplemental protection of small transformers and other high inrush loads, plus many other 690 volt applications (Not for Branch Circuit Protection).

Specifications

Class: gG / gL

IR : 100KA

Agency Information: IEC60269 CE

Description: IEC ferrule fuses are available in physical sizes and amp ratings for system voltages of 690VAC.

Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AG10-0.5A	AG10-0.5AI	0.5A	0.07W		
AG10-1A	AG10-1AI	1A	0.45W		
AG10-1.5A	AG10-1.5AI	1.5A	---		
AG10-2A	AG10-2AI	2A	0.50W		
AG10-4A	AG10-4AI	4A	0.85W		
AG10-6A	AG10-6AI	6A	0.95W		
AG10-8A	AG10-8AI	8A	1.15W		
AG10-10A	AG10-10AI	10A	1.30W		
AG10-12A	AG10-12AI	12A	1.40W		
AG10-16A	AG10-16AI	16A	1.90W		
AG10-20A	AG10-20AI	20A	2.40W		
AG10-25A	AG10-25AI	25A	2.70W		
AG10-32A	AG10-32AI	32A	2.80W		



Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AG14-2A	AG14-2AI	2A	0.75W		
AG14-4A	AG14-4AI	4A	1.10W		
AG14-6A	AG14-6AI	6A	1.25W		
AG14-8A	AG14-8AI	8A	1.45W		
AG14-10A	AG14-10AI	10A	1.65W		
AG14-12A	AG14-12AI	12A	1.80W		
AG14-16A	AG14-16AI	16A	2.35W		
AG14-20A	AG14-20AI	20A	2.65W		
AG14-25A	AG14-25AI	25A	3.10W		
AG14-32A	AG14-32AI	32A	3.60W		
AG14-40A	AG14-40AI	40A	4.00W		
AG14-50A	AG14-50AI	50A	4.80W		



FEATURES & BENEFITS

Three unique sizes from 0.5-125 amperes do not allow inter-changeability with other fuse classes

Ceramic bodies provide dimensional stability in harsh industrial settings

Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AG22-10A	AG22-10AI	10A	1.90W		
AG22-12A	AG22-12AI	12A	2.00W		
AG22-16A	AG22-16AI	16A	2.50W		
AG22-20A	AG22-20AI	20A	3.40W		
AG22-25A	AG22-25AI	25A	3.50W		
AG22-32A	AG22-32AI	32A	3.70W		
AG22-40A	AG22-40AI	40A	4.30W		
AG22-50A	AG22-50AI	50A	5.30W		
AG22-63A	AG22-63AI	63A	6.30W		
AG22-80A	AG22-80AI	80A	7.40W		
AG22-100A	AG22-100AI	100A	8.30W		
AG22-125A	AG22-125AI	125A	11.3W		



01

Low voltage general purpose fuses

European Cylindrical Style

Chordn AM small-dimension fuses can provide NO Damage protection to your facility's increasingly sensitive branch circuit components and small motors-minimizing the risk of fault-related damage. AM fuses deliver the best time-delay characteristics in their class with excellent cycling ability for small motor loads.

Specifications

Class: aM

IR : 100KA

Agency Information: IEC60269 CE

Description: IEC ferrule fuses are available in physical sizes and amp ratings for system voltages of 690VAC.

Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AM10-0.5A	AM10-0.5AI	0.5A	---	690VAC	10 x 38mm
AM10-1A	AM10-1AI	1A	0.10W		
AM10-1.5A	AM10-1.5AI	1.5A	---		
AM10-2A	AM10-2AI	2A	0.18W		
AM10-4A	AM10-4AI	4A	0.31W		
AM10-6A	AM10-6AI	6A	0.32W		
AM10-8A	AM10-8AI	8A	0.52W		
AM10-10A	AM10-10AI	10A	0.55W		
AM10-12A	AM10-12AI	12A	0.63W		
AM10-16A	AM10-16AI	16A	0.92W		
AM10-20A	AM10-20AI	20A	0.96W		
AM10-25A	AM10-25AI	25A	1.40W		
AM10-32A	AM10-32AI	32A	1.80W		



02

Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AM14-2A	AM14-2AI	2A	0.24W	690VAC	14 x 51mm
AM14-4A	AM14-4AI	4A	0.45W		
AM14-6A	AM14-6AI	6A	0.42W		
AM14-8A	AM14-8AI	8A	0.70W		
AM14-10A	AM14-10AI	10A	0.53W		
AM14-12A	AM14-12AI	12A	0.88W		
AM14-16A	AM14-16AI	16A	1.16W		
AM14-20A	AM14-20AI	20A	1.23W		
AM14-25A	AM14-25AI	25A	1.46W		
AM14-32A	AM14-32AI	32A	2.04W		
AM14-40A	AM14-40AI	40A	3.34W		
AM14-50A	AM14-50AI	50A	3.04W		



FEATURES & BENEFITS

Three unique sizes from 0.5-125 amperes do not allow inter-changeability with other fuse classes

Ceramic bodies provide dimensional stability in harsh industrial settings

Gatalog number No Striker	Gatalog number With Striker	Amp Rating	Watts Loss	voltage	Dimensions
AM22-10A	AM22-10AI	10A	0.74W	690VAC	22 x 58mm
AM22-12A	AM22-12AI	12A	0.83W		
AM22-16A	AM22-16AI	16A	1.21W		
AM22-20A	AM22-20AI	20A	1.29W		
AM22-25A	AM22-25AI	25A	1.53W		
AM22-32A	AM22-32AI	32A	2.13W		
AM22-40A	AM22-40AI	40A	3.40W		
AM22-50A	AM22-50AI	50A	3.48W		
AM22-63A	AM22-63AI	63A	4.46W		
AM22-80A	AM22-80AI	80A	5.86W		
AM22-100A	AM22-100AI	100A	6.61W		
AM22-125A	AM22-125AI	125A	8.42W		



Low voltage general purpose fuses

The better your over-current protection, the easier it is to minimize downtime and repair bills. Chordn current-limiting fuses are a perfect example - they open in less than one-quarter cycle to provide the Type "2" protection that prevents costly equipment damage.

NH Dimension Fuses

Chordn NH Fuse-links, sizes 00C, 00, 0, 01, 02 and 03 are rated 690 Volts AC with breaking capacities of 120KA. All fuse-links include an indicator or striker and can accept a microswitch for remote signaling. They all have silverplated knife blades and ceramic bodies.

Specifications

Class: gG / gL

IR : 120KA

Agency Information: IEC 60269, DIN43620 CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B00C-4A	4A	---	---	690VAC	00C
AG17B00C-6A	6A	---	---		
AG17B00C-8A	8A	---	---		
AG17B00C-10A	10A	58	1.5W		
AG17B00C-12A	12A	---	---		
AG17B00C-16A	16A	234	2.3W		
AG17B00C-20A	20A	584	2.2W		
AG17B00C-25A	25A	1000	2.8W		
AG17B00C-32A	32A	2400	3.7W		
AG17B00C-40A	40A	3300	4.0W		
AG17B00C-50A	50A	5600	4.9W		
AG17B00C-63A	63A	6300	4.5W		
AG17B00C-80A	80A	9800	6.3W		
AG17B00C-100A	100A	18100	7.4W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B00-10A	10A	58	1.5W	690VAC	00
AG17B00-16A	16A	234	2.3W		
AG17B00-20A	20A	584	2.2W		
AG17B00-25A	25A	1000	2.8W		
AG17B00-32A	32A	2400	3.7W		
AG17B00-40A	40A	3300	4.0W		
AG17B00-50A	50A	5600	4.9W		
AG17B00-63A	63A	6300	4.5W		
AG17B00-80A	80A	9800	6.3W		
AG17B00-100A	100A	18100	7.4W		
AG17B00-125A	125A	25000	10W		
AG17B00-160A	160A	62000	11.5W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B0-6A	6A	---	---	690VAC	0
AG17B0-8A	8A	---	---		
AG17B0-10A	10A	58	1.7W		
AG17B0-12A	12A	---	---		
AG17B0-16A	16A	240	3.0W		
AG17B0-20A	20A	490	3.2W		
AG17B0-25A	25A	1200	3.2W		
AG17B0-32A	32A	1800	4.8W		
AG17B0-40A	40A	3300	4.7W		
AG17B0-50A	50A	5600	6.3W		
AG17B0-63A	63A	6600	5.6W		
AG17B0-80A	80A	9800	7.1W		
AG17B0-100A	100A	20600	7.5W		
AG17B0-125A	125A	25000	10.0W		
AG17B0-160A	160A	62000	11.5W		



03

Low voltage general purpose fuses

NH Dimension Fuses

Chordn NH Fuse-links, sizes 00C, 00, 0, 01, 02 and 03 are rated 690 Volts AC with breaking capacities of 120kA. All fuse-links include an indicator or striker and can accept a microswitch for remote signaling. They all have silverplated knife blades and ceramic bodies.

Specifications

Class: gG

IR : 120KA

Agency Information: IEC 60269, DIN43620 CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B01-32A	32A	1800	4.8W	690VAC	01
AG17B01-40A	40A	3300	5.0W		
AG17B01-50A	50A	5600	6.7W		
AG17B01-63A	63A	6600	5.6W		
AG17B01-80A	80A	9800	7.1W		
AG17B01-100A	100A	20600	7.7W		
AG17B01-125A	125A	25000	11.6W		
AG17B01-160A	160A	62000	12.3W		
AG17B01-200A	200A	97000	15.0W		
AG17B01-225A	225A	124000	15.0W		
AG17B01-250A	250A	151300	19.0W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B02-80A	80A	9800	7.0W	690VAC	02
AG17B02-100A	100A	20600	8.0W		
AG17B02-125A	125A	25000	12.0W		
AG17B02-160A	160A	62000	12.0W		
AG17B02-200A	200A	96900	15.0W		
AG17B02-225A	225A	124000	15.0W		
AG17B02-250A	250A	151300	19.0W		
AG17B02-300A	300A	---	21.0W		
AG17B02-315A	315A	361700	21.0W		
AG17B02-355A	355A	446500	27.0W		
AG17B02-400A	400A	642900	29.0W		



FEATURES & BENEFITS

- Full Range Protection
- All ratings include indicator

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AG17B03-160A	160A	62000	12.0W	690VAC	03
AG17B03-200A	200A	96900	15.0W		
AG17B03-225A	225A	124000	15.0W		
AG17B03-250A	250A	160800	20.0W		
AG17B03-300A	300A	---	21.0W		
AG17B03-315A	315A	361700	21.0W		
AG17B03-355A	355A	446500	27.0W		
AG17B03-400A	400A	642900	29.0W		
AG17B03-425A	425A	---	34.0W		
AG17B03-500A	500A	886000	37.0W		
AG17B03-630A	630A	1590000	46.0W		

Low voltage general purpose fuses

The better your over-current protection, the easier it is to minimize downtime and repair bills. Chordn current-limiting fuses are a perfect example - they open in less than one-quarter cycle to provide the Type "2" protection that prevents costly equipment damage.

NH Dimension Fuses

Chordn NH Fuse-links, sizes 00C, 00, 0, 01, 02 and 03 are rated 690 Volts AC with breaking capacities of 120KA. All fuse-links include an indicator or striker and can accept a microswitch for remote signaling. They all have silverplated knife blades and ceramic bodies.

Specifications

Class: aM

IR : 120KA

Agency Information: IEC 60269, DIN43620 CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Watts Loss
AM17B00C-4A	4A	0.2W
AM17B00C-6A	6A	0.3W
AM17B00C-8A	8A	---
AM17B00C-10A	10A	0.5W
AM17B00C-12A	12A	---
AM17B00C-16A	16A	0.7W
AM17B00C-20A	20A	0.9W
AM17B00C-25A	25A	1.2W
AM17B00C-32A	32A	1.5W
AM17B00C-40A	40A	1.8W
AM17B00C-50A	50A	2.3W
AM17B00C-63A	63A	2.9W
AM17B00C-80A	80A	3.6W
AM17B00C-100A	100A	5.2W

voltage

Dimensions

690VAC

00C

Gatalog number	Amp Rating	Watts Loss
AM17B00-10A	10A	0.5W
AM17B00-16A	16A	0.7W
AM17B00-20A	20A	0.9W
AM17B00-25A	25A	1.2W
AM17B00-32A	32A	1.5W
AM17B00-40A	40A	1.8W
AM17B00-50A	50A	2.3W
AM17B00-63A	63A	2.9W
AM17B00-80A	80A	3.6W
AM17B00-100A	100A	5.2W
AM17B00-125A	125A	6.4W
AM17B00-160A	160A	10.5W

voltage

Dimensions

690VAC

00

Gatalog number	Amp Rating	Watts Loss
AM17B0-6A	6A	0.3W
AM17B0-8A	8A	---
AM17B0-10A	10A	0.5W
AM17B0-12A	12A	---
AM17B0-16A	16A	0.8W
AM17B0-20A	20A	1.0W
AM17B0-25A	25A	1.3W
AM17B0-32A	32A	1.6W
AM17B0-40A	40A	2.0W
AM17B0-50A	50A	2.8W
AM17B0-63A	63A	3.4W
AM17B0-80A	80A	4.9W
AM17B0-100A	100A	6.0W
AM17B0-125A	125A	7.9W
AM17B0-160A	160A	10.5W

voltage

Dimensions

690VAC

0



05

Low voltage general purpose fuses

NH Dimension Fuses

Chordn NH Fuse-links, sizes 00C, 00, 0, 01, 02 and 03 are rated 690 Volts AC with breaking capacities of 120KA. All fuse-links include an indicator or striker and can accept a microswitch for remote signaling. They all have silverplated knife blades and ceramic bodies.

Specifications

Class: aM

IR : 120KA

Agency Information: IEC 60269, DIN43620 CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Watts Loss
AM17B01-32A	32A	1.9W
AM17B01-40A	40A	2.3W
AM17B01-50A	50A	2.9W
AM17B01-63A	63A	3.6W
AM17B01-80A	80A	4.6W
AM17B01-100A	100A	5.8W
AM17B01-125A	125A	7.5W
AM17B01-160A	160A	10.4W
AM17B01-200A	200A	14.2W
AM17B01-225A	225A	15.8W
AM17B01-250A	250A	17.5W

voltage	Dimensions
690VAC	01

Gatalog number	Amp Rating	Watts Loss
AM17B02-80A	80A	4.4W
AM17B02-100A	100A	5.5W
AM17B02-125A	125A	6.4W
AM17B02-160A	160A	9.3W
AM17B02-200A	200A	11.3W
AM17B02-225A	225A	12.2W
AM17B02-250A	250A	16.8W
AM17B02-300A	300A	21.0W
AM17B02-315A	315A	23.1W
AM17B02-355A	355A	26.4W
AM17B02-400A	400A	29.7W

voltage	Dimensions
690VAC	02



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FEATURES & BENEFITS

Short Circuit Protection
All ratings include indicator

Gatalog number	Amp Rating	Watts Loss
AM17B03-160A	160A	9.3W
AM17B03-200A	200A	11.3W
AM17B03-225A	225A	12.2W
AM17B03-250A	250A	14.6W
AM17B03-300A	300A	21.0W
AM17B03-315A	315A	21.0W
AM17B03-355A	355A	23.3W
AM17B03-400A	400A	29.1W
AM17B03-425A	425A	29.1W
AM17B03-500A	500A	42.0W
AM17B03-630A	630A	50.0W

voltage	Dimensions
690VAC	03

Low voltage general purpose fuses

The better your over-current protection, the easier it is to minimize downtime and repair bills. Chordn current-limiting fuses are a perfect example - they open in less than one-quarter cycle to provide the Type "2" protection that prevents costly equipment damage.

DO Type Fuse Links

Chordn D fuse-links, also called Diazed type, are 440 Volts AC rated with 50KA or 100KA interrupting rating. They have 3 physical sizes, 01, 02 and 03 and fit into special screw caps. All fuse-links have blown-fuse indicators which are visible through the screw cap. Screw caps fit onto single pole bases which are screw mounted.

Specifications

Class: gG/aM

IR : 50KA/100KA

Agency Information: IEC 60269, DIN49360 CE

Description: See Catalog Numbers table and dimensions illustrations

Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AG01-2A	2A	1.5W	440VAC	01
AG01-4A	4A	1.5W		
AG01-6A	6A	1.3W		
AG01-10A	10A	1.8W		
AG01-16A	16A	2.1W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AG02-20A	20A	2.3W	440VAC	02
AG02-25A	25A	2.6W		
AG02-35A	35A	2.9W		
AG02-50A	50A	3.5W		
AG02-63A	63A	4.2W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AG03-80A	80A	4.9W	440VAC	03
AG03-100A	100A	5.2W		



FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel plated or silver plated copper alloy
- Safe cut-off short circuits and over currents due to special design of fuse element
- Clear indication of operation condition due to coloured indicator un top contact
- Low power dissipation
- Optimized size
- Resistant to aging

Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AM01-2A	2A	1.5W	440VAC	01
AM01-4A	4A	1.5W		
AM01-6A	6A	1.3W		
AM01-10A	10A	1.8W		
AM01-16A	16A	2.1W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AM02-20A	20A	2.3W	440VAC	02
AM02-25A	25A	2.6W		
AM02-35A	35A	2.9W		
AM02-50A	50A	3.5W		
AM02-63A	63A	4.2W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AM03-80A	80A	4.9W	440VAC	03
AM03-100A	100A	5.2W		



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Semiconductor fuses

Few of today's powered products don't rely on semiconductor technology to some degree, that means extending circuit protection to thyristors, triacs, diodes, and a host of other solid-state components. Chordn offers a vast, truly international line of semiconductor fuses to protect these sensitive components.

European Cylindrical Style

Chordn AS high speed fuses are rated 690 Volts AC and are offered in ampere ratings from 0.5A to 125A, rating to provide supplemental protection of power plus many other 690 volt applications.

Specifications

Class: aR

IR : 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Description: IEC/UL ferrule fuses are available in physical sizes and amp ratings for system voltages of 690VAC.

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS10-0.5A	0.5A	---	---	690VAC	10 x 38mm
AS10-1A	1A	3.0	0.5W		
AS10-1.5A	1.5A	---	---		
AS10-2A	2A	5.5	1.0W		
AS10-4A	4A	8.0	1.0W		
AS10-6A	6A	30	1.5W		
AS10-8A	8A	50	2.0W		
AS10-10A	10A	70	2.5W		
AS10-12A	12A	120	3.0W		
AS10-16A	16A	150	3.5W		
AS10-20A	20A	260	4.8W		
AS10-25A	25A	390	6.0W		
AS10-32A	32A	600	7.5W		



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Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS14-2A	2A	---	---	690VAC	14 x 51mm
AS14-4A	4A	---	---		
AS14-6A	6A	11	1.5W		
AS14-8A	8A	---	---		
AS14-10A	10A	38.5	4.0W		
AS14-12A	12A	---	---		
AS14-16A	16A	70	5.5W		
AS14-20A	20A	230	6.0W		
AS14-25A	25A	375	7.0W		
AS14-32A	32A	600	7.6W		
AS14-40A	40A	750	8.0W		
AS14-50A	50A	1800	9.0W		



FEATURES & BENEFITS

Three unique sizes from 0.5-125 amperes do not allow inter-changeability with other fuse classes

Low I²t for improved semiconductor protection

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS22-10A	10A	---	---	690VAC	22 x 58mm
AS22-12A	12A	---	---		
AS22-16A	16A	---	---		
AS22-20A	20A	260	5.0W		
AS22-25A	25A	410	6.0W		
AS22-32A	32A	605	8.0W		
AS22-40A	40A	750	9.0W		
AS22-50A	50A	1600	9.5W		
AS22-63A	63A	3080	11W		
AS22-80A	80A	6600	13.5W		
AS22-100A	100A	12500	16W		
AS22-125A	125A	---	---		



Semiconductor fuses

Few of today's powered products don't rely on semiconductor technology to some degree, that means extending circuit protection to thyristors, triacs, diodes, and a host of other solid-state components. Chordn offers a vast, truly international line of semiconductor fuses to protect these sensitive components.

European Cylindrical Style

These Chordn cylindrical semiconductor fuses are an extension of the popular AS product line. They are solid-fill 10mm 14mm and 22mm fuses, IEC rated 600VAC /690VAC, 200KA Interrupting and 600VDC/700VDC, 50KA interrupting at 10ms time constant. All ampere ratings are available with a striker, with superior I²t for improved protection and performance.

Specifications

Class: aR

IR : 200KA

Agency Information: IEC 60269, UL Recognized CE

Description: IEC/UL ferrule fuses are available in physical sizes and amp ratings for system voltages of 690VAC.

Gatalog number Without striker	Gatalog number With striker	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS10-6Aa	AS10-6AI	6A	48.5	1.5W	600VAC /600VDC	10 x 38mm
AS10-8Aa	AS10-8AI	8A	36.3	2.0W		
AS10-10Aa	AS10-10AI	10A	60.5	2.5W		
AS10-12Aa	AS10-12AI	12A	90.2	3.0W		
AS10-16Aa	AS10-16AI	16A	160	3.5W		
AS10-20Aa	AS10-20AI	20A	275	4.8W		
AS10-25Aa	AS10-25AI	25A	520	6.0W		
AS10-32Aa	AS10-32AI	32A	815	7.5W		



Gatalog number Without striker	Gatalog number With striker	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS14-6Aa	AS14-6AI	6A	17.5	2.0W	690VAC /700VDC	14 x 51mm
AS14-8Aa	AS14-8AI	8A	27.5	2.8W		
AS14-10Aa	AS14-10AI	10A	40	3.5W		
AS14-12Aa	AS14-12AI	12A	60	4.4W		
AS14-16Aa	AS14-16AI	16A	100	4.8W		
AS14-20Aa	AS14-20AI	20A	160	5.2W		
AS14-25Aa	AS14-25AI	25A	275	5.8W		
AS14-32Aa	AS14-32AI	32A	500	7.0W		
AS14-40Aa	AS14-40AI	40A	700	10.7W		
AS14-50Aa	AS14-50AI	50A	1500	11.6W		



FEATURES & BENEFITS

- International 10x38mm (1-1/2" x 13/32") 14x51mm (2"x9/16") and 22x58mm (2-1/4"x13/16") sizes for worldwide acceptance
- Ferrule mount up to 100A for design versatility
- Very low I²t for improved semiconductor protection
- Superior cycling ability for longer life on difficult cyclic loading applications
- aR characteristic for semiconductor short- circuit protection

Gatalog number Without striker	Gatalog number With striker	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS22-10Aa	AS22-10AI	10A	25	4.0W	690VAC /700VDC	22 x 58mm
AS22-15Aa	AS22-15AI	15A	49	6.2W		
AS22-20Aa	AS22-20AI	20A	76	8.0W		
AS22-25Aa	AS22-25AI	25A	125	10W		
AS22-32Aa	AS22-32AI	32A	275	11W		
AS22-40Aa	AS22-40AI	40A	480	13W		
AS22-50Aa	AS22-50AI	50A	800	14.9W		
AS22-63Aa	AS22-63AI	63A	1850	16W		
AS22-80Aa	AS22-80AI	80A	3800	17.8W		
AS22-100Aa	AS22-100AI	100A	8000	19W		



Semiconductor fuses

NH Dimension Fuses

The 690V Chordn fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. The Chordn have been engineered to provide state-of-the-art protection for semiconductors: diodes, thyristors and GTO's devices.

Specifications

Class: aR

IR : 120KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
AS17B00C-4A	4A	---	---	690VAC	00C
AS17B00C-6A	6A	---	---		
AS17B00C-8A	8A	---	---		
AS17B00C-10A	10A	---	---		
AS17B00C-12A	12A	---	---		
AS17B00C-16A	16A	50	2.8W		
AS17B00C-20A	20A	90	2.8W		
AS17B00C-25A	25A	130	4.2W		
AS17B00C-32A	32A	270	5.5W		
AS17B00C-40A	40A	400	8.3W		
AS17B00C-50A	50A	630	9.7W		
AS17B00C-63A	63A	1300	12.5W		
AS17B00C-80A	80A	2000	16.7W		
AS17B00C-100A	100A	4300	19.4W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
AS17B00-10A	10A	---	---	690VAC	00
AS17B00-16A	16A	50	2.8W		
AS17B00-20A	20A	90	2.8W		
AS17B00-25A	25A	130	4.2W		
AS17B00-32A	32A	270	5.5W		
AS17B00-40A	40A	400	8.3W		
AS17B00-50A	50A	630	9.7W		
AS17B00-63A	63A	1300	12.5W		
AS17B00-80A	80A	2000	16.7W		
AS17B00-100A	100A	4300	19.4W		
AS17B00-125A	125A	8200	20.8W		
AS17B00-160A	160A	12200	30.5W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
AS17B0-6A	6A	---	---	690VAC	0
AS17B0-8A	8A	---	---		
AS17B0-10A	10A	---	---		
AS17B0-12A	12A	---	---		
AS17B0-16A	16A	---	---		
AS17B0-20A	20A	---	---		
AS17B0-25A	25A	---	---		
AS17B0-32A	32A	170	19.4W		
AS17B0-40A	40A	280	20.8W		
AS17B0-50A	50A	470	20.8W		
AS17B0-63A	63A	700	23.6W		
AS17B0-80A	80A	970	25.0W		
AS17B0-100A	100A	2080	30.5W		
AS17B0-125A	125A	3890	36.1W		
AS17B0-160A	160A	8320	44.4W		



Semiconductor fuses

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NH Dimension Fuses

The 690V Chordn fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. The Chordn have been engineered to provide state-of-the-art protection for semiconductors: diodes, thyristors and GTO's devices.

Specifications

Class: aR

IR : 120KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17B01-32A	32A	170	19.4W	690VAC	01
AS17B01-40A	40A	280	20.8W		
AS17B01-50A	50A	470	20.8W		
AS17B01-63A	63A	700	36.1W		
AS17B01-80A	80A	1170	43.0W		
AS17B01-100A	100A	1570	45.8W		
AS17B01-125A	125A	3320	53.0W		
AS17B01-160A	160A	6270	58.0W		
AS17B01-200A	200A	11300	66.7W		
AS17B01-250A	250A	25100	75.0W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17B02-80A	80A	1170	43.0W	690VAC	02
AS17B02-100A	100A	1570	45.8W		
AS17B02-125A	125A	3320	53.0W		
AS17B02-160A	160A	5180	75.0W		
AS17B02-200A	200A	9220	83.0W		
AS17B02-250A	250A	18700	93.0W		
AS17B02-315A	315A	36900	108 W		
AS17B02-355A	355A	51400	116 W		
AS17B02-400A	400A	72300	125 W		



FEATURES & BENEFITS

- Multiple body sizes
- aR Class according to IEC 60269-4
- Very low I²t for improved semiconductor protection
- Ultra fast acting
- Superior cycling capability

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17B03-160A	160A	5180	75.0W	690VAC	03
AS17B03-200A	200A	9220	83.0W		
AS17B03-250A	250A	18700	93.0W		
AS17B03-315A	315A	28200	113 W		
AS17B03-355A	355A	40600	117 W		
AS17B03-400A	400A	56500	130 W		
AS17B03-500A	500A	119000	150 W		
AS17B03-630A	630A	226000	175W		

Semiconductor fuses

European Square Style

Chordn 690V fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These square body fuse-links are available in four different body sizes. The body sizes along with a broad range of ampere ratings allow greatest flexibility in equipment design.

Specifications

Class: aR

IR : 120KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Description: A range of industrial fuses for a wide variety of applications where 690V is needed.

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17E01-10A	10A	25.5	3W	690VAC	01
AS17E01-16A	16A	48	5.5W		
AS17E01-20A	20A	78	7W		
AS17E01-25A	25A	130	9W		
AS17E01-32A	32A	270	10W		
AS17E01-40A	40A	460	12W		
AS17E01-50A	50A	770	15W		
AS17E01-63A	63A	1450	16W		
AS17E01-80A	80A	2550	19W		
AS17E01-100A	100A	4650	24W		
AS17E01-125A	125A	8500	28W		
AS17E01-160A	160A	16000	32W		
AS17E01-200A	200A	28000	37W		
AS17E01-250A	250A	51500	42W		
AS17E01-315A	315A	80500	52W		



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FEATURES & BENEFITS

- Choice of mounting styles gives wide choice for equipment design
- Broad range of ampere ratings in a given body size for design flexibility
- IEC 269-4 compliance for worldwide semiconductor applications

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17E02-25A	25A	130	6W	690VAC	02
AS17E02-32A	32A	195	7W		
AS17E02-40A	40A	360	9W		
AS17E02-50A	50A	640	10W		
AS17E02-63A	63A	1200	12W		
AS17E02-80A	80A	2100	15W		
AS17E02-100A	100A	4150	20W		
AS17E02-125A	125A	6950	25W		
AS17E02-160A	160A	13000	30W		
AS17E02-200A	200A	23000	35W		
AS17E02-250A	250A	42000	45W		
AS17E02-315A	315A	68500	55W		
AS17E02-350A	350A	91500	60W		
AS17E02-400A	400A	125000	70W		



Semiconductor fuses

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Class: aR
IR: 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17C00-40A	40A	270	9W	690VAC	00
AS17C00-50A	50A	515	11W		
AS17C00-63A	63A	770	14W		
AS17C00-80A	80A	1250	18W		
AS17C00-100A	100A	2450	21W		
AS17C00-125A	125A	3700	26W		
AS17C00-160A	160A	7500	30W		
AS17C00-200A	200A	15000	35W		
AS17C00-250A	250A	28500	40W		
AS17C00-315A	315A	46500	50W		
AS17C00-350A	350A	68500	55W		
AS17C00-400A	400A	105000	60W		
AS17C00-450A	450A	140000	65W		
AS17C00-500A	500A	180000	70W		
AS17C00-550A	550A	230000	75W		
AS17C00-630A	630A	325000	80W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17C01-200A	200A	11500	45W	690VAC	01
AS17C01-250A	250A	21000	55W		
AS17C01-315A	315A	42000	58W		
AS17C01-350A	350A	59000	60W		
AS17C01-400A	400A	91500	65W		
AS17C01-450A	450A	120000	70W		
AS17C01-500A	500A	170000	72W		
AS17C01-550A	550A	230000	75W		
AS17C01-630A	630A	350000	80W		
AS17C01-700A	700A	465000	85W		
AS17C01-800A	800A	725000	95W		
AS17C01-900A	900A	850000	100W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17C02-400A	400A	74000	65W	690VAC	02
AS17C02-450A	450A	105000	70W		
AS17C02-500A	500A	145000	75W		
AS17C02-550A	550A	190000	80W		
AS17C02-630A	630A	275000	90W		
AS17C02-700A	700A	405000	95W		
AS17C02-800A	800A	575000	105W		
AS17C02-900A	900A	840000	110W		
AS17C02-1000A	1000A	1250000	115W		
AS17C02-1100A	1100A	1600000	120W		
AS17C02-1250A	1250A	2400000	130W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17C03-500A	500A	95000	95W	690VAC	03
AS17C03-550A	550A	135000	100W		
AS17C03-630A	630A	210000	105W		
AS17C03-700A	700A	300000	110W		
AS17C03-800A	800A	465000	115W		
AS17C03-900A	900A	670000	120W		
AS17C03-1000A	1000A	945000	125W		
AS17C03-1100A	1100A	1300000	130W		
AS17C02-1250A	1250A	1950000	140W		
AS17C03-1400A	1400A	2450000	155W		
AS17C03-1500A	1500A	3100000	160W		
AS17C03-1600A	1600A	3900000	160W		
AS17C03-1800A	1800A	5250000	165W		
AS17C03-2000A	2000A	6350000	175W		



Semiconductor fuses

European Square Style

The 690VAC Chordn fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These aR ultra-fast acting square body fuse-links are available in different body sizes, each size having multiple worldwide acceptable mounting styles.

Specifications

Class: aR

IR : 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Description: A range of industrial fuses for a wide variety of applications where 690VAC/440VDC is needed.

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS17D00-40A	40A	270	9W	690VAC	45x59x51mm(00)
AS17D00-50A	50A	515	11W		
AS17D00-63A	63A	770	14W		
AS17D00-80A	80A	1250	18W		
AS17D00-100A	100A	2450	21W		
AS17D00-125A	125A	3700	26W		
AS17D00-160A	160A	7500	30W		
AS17D00-200A	200A	15000	35W		
AS17D00-250A	250A	28500	40W		
AS17D00-315A	315A	46500	50W		
AS17D00-350A	350A	68500	55W		
AS17D00-400A	400A	105000	60W		
AS17D00-450A	450A	140000	65W		
AS17D00-500A	500A	180000	70W		
AS17D00-550A	550A	230000	75W		
AS17D00-630A	630A	325000	80W		

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS17D01-200A	200A	11500	45W	690VAC	53x69x51mm(01)
AS17D01-250A	250A	21000	55W		
AS17D01-315A	315A	42000	58W		
AS17D01-350A	350A	59000	60W		
AS17D01-400A	400A	91500	65W		
AS17D01-450A	450A	120000	70W		
AS17D01-500A	500A	170000	72W		
AS17D01-550A	550A	230000	75W		
AS17D01-630A	630A	350000	80W		
AS17D01-700A	700A	465000	85W		
AS17D01-800A	800A	725000	95W		
AS17D01-900A	900A	850000	100W		



Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS17D02-400A	400A	74000	65W	690VAC	61x77x51mm(02)
AS17D02-450A	450A	105000	70W		
AS17D02-500A	500A	145000	72W		
AS17D02-550A	550A	190000	75W		
AS17D02-630A	630A	275000	80W		
AS17D02-700A	700A	405000	85W		
AS17D02-800A	800A	525000	95W		
AS17D02-900A	900A	840000	100W		
AS17D02-1000A	1000A	1250000	45W		
AS17D02-1100A	1100A	1600000	55W		
AS17D02-1250A	1250A	2400000	58W		

Semiconductor fuses

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European Square Style

The 690VAC Chordn fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These aR ultra-fast acting square body fuse-links are available in different body sizes, each size having multiple worldwide acceptable mounting styles.

Specifications

Class: aR

IR : 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17D03-500A	500A	95000	95W	690VAC	76x92x53mm(03)
AS17D03-550A	550A	135000	100W		
AS17D03-630A	630A	210000	105W		
AS17D03-700A	700A	300000	110W		
AS17D03-800A	800A	465000	115W		
AS17D03-900A	900A	670000	120W		
AS17D03-1000A	1000A	945000	125W		
AS17D03-1100A	1100A	1300000	130W		
AS17D03-1250A	1250A	1950000	140W		
AS17D03-1400A	1400A	2450000	155W		
AS17D03-1500A	1500A	3100000	160W		
AS17D03-1600A	1600A	3900000	160W		
AS17D03-1800A	1800A	5250000	165W		
AS17D03-2000A	2000A	6350000	175W		



FEATURES & BENEFITS

- Extremely fast acting
- Multiple body sizes
- Excellent cycling capability
- Eliminate all overloads
- Low I²t for improved semiconductor protection
- aR Class according to IEC 60269-4

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS17D04-1000A	1000A	505000	175W	690VAC	105x120x61mm
AS17D04-1250A	1250A	965000	195W		
AS17D04-1400A	1400A	1400000	205W		
AS17D04-1600A	1600A	2050000	220W		
AS17D04-2000A	2000A	3950000	245W		
AS17D04-2500A	2500A	7800000	275W		
AS17D04-3000A	3000A	13500000	305W		
AS17D04-3500A	3500A	22000000	325W		
AS17D04-4000A	4000A	28000000	355W		



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Semiconductor fuses

British Standard BS88

British standard Extremely high breaking capacity fuses were developed for higher voltage AC and DC drives, UPS systems, reduced voltage motor starters and similar applications where lower I^2t , low watts loss, and superior reliability were needed. this is a very popular fuse, They are extremely high interrupting rating fuses with large band of ratings (current rating 6A to 710A).

Specifications

Class: aR

IR : 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS09-6A	6A	12	2W	690VAC/ 600VDC	8.5x54.8mm
AS09-10A	10A	48	3W		
AS09-12A	12A	65	3W		
AS09-16A	16A	110	7W		
AS09-20A	20A	220	7W		

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS17-25A	25A	250	7W	690VAC/ 700VDC	17x48mm
AS17-32A	32A	350	11W		
AS17-35A	35A	500	11W		
AS17-40A	40A	900	9W		
AS17-45A	45A	1100	11W		
AS17-56A	56A	1500	14W		
AS17-63A	63A	2000	16W		
AS17-80A	80A	4000	18W		
AS17-90A	90A	2100	20W		
AS17-100A	100A	2800	23W		



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FEATURES & BENEFITS

- Full range protection
- Improving safety and protection
- Allows selective coordination

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS17D-90A	90A	4500	19W	690VAC/ 600VDC	2x17x48mm
AS17D-100A	100A	2400	24W		
AS17D-110A	110A	6500	27W		
AS17D-120A	120A	3100	32W		
AS17D-140A	140A	3800	36W		
AS17D-160A	160A	5700	46W		
AS17D-180A	180A	8400	46W		
AS17D-200A	200A	11400	52W		

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS38-160A	160A	25000	26W	690VAC/ 600VDC	38x50mm
AS38-180A	180A	38000	26W		
AS38-200A	200A	58000	27W		
AS38-250A	250A	110000	32W		
AS38-280A	280A	150000	35W		
AS38-315A	315A	180000	42W		
AS38-355A	355A	200000	51W		



Semiconductor fuses

Few of today's powered products don't rely on semiconductor technology to some degree, that means extending circuit protection to thyristors, triacs, diodes, and a host of other solid-state components. Chordn offers a vast, truly international line of semiconductor fuses to protect these sensitive components.

British Standard BS88

British standard Extremely high breaking capacity fuses were developed for higher voltage AC and DC drives, UPS systems, reduced voltage motor starters and similar applications where lower I^2t , low watts loss, and superior reliability were needed. this is a very popular fuse, They are extremely high interrupting rating fuses with large band of ratings (current rating 6A to 710A).

Specifications

Class: aR

IR : 100KA/200KA

Agency Information: IEC 60269, UL Recognized CE

Gatalog number	Amp Rating	Total clearing I^2t (A ² S)	Watts Loss	voltage	Dimensions
AS38D-180A	180A	18000	42W	690VAC/ 600VDC	2x38x50mm
AS38D-200A	200A	23000	42W		
AS38D-225A	225A	40000	42W		
AS38D-280A	280A	70000	47W		
AS38D-315A	315A	91000	51W		
AS38D-355A	355A	140000	54W		
AS38D-400A	400A	220000	60W		
AS38D-450A	450A	320000	57W		
AS38D-500A	500A	450000	64W		
AS38D-560A	560A	640000	64W		
AS38D-630A	630A	720000	86W		
AS38D-710A	710A	850000	105W		



D0 Type Fuse Links

D0 fuse-system is the most modern of the screw systems in the German DIN standard. This system comprises the sizes D01, D02 and D03. They are used for the protection of components such as diodes, thyristors. D0 fuse-links are available at the rated current range from 2A up to 100A.

Specifications

Class: gR

IR : 50KA/100KA

Agency Information: IEC 60269 CE

Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AS01-2A	2A	1.5W	400VAC/ 250VDC	01
AS01-4A	4A	1.5W		
AS01-6A	6A	1.3W		
AS01-10A	10A	1.8W		
AS01-16A	16A	2.1W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AS02-20A	20A	2.3W	400VAC/ 250VDC	02
AS02-25A	25A	2.6W		
AS02-35A	35A	2.9W		
AS02-50A	50A	3.5W		
AS02-63A	63A	4.2W		
Gatalog number	Amp Rating	Watts Loss	voltage	Dimensions
AS03-80A	80A	4.9W	400VAC/ 250VDC	03
AS03-100A	100A	5.2W		



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Semiconductor fuses

North American round style fuses

North American round style fuses were developed for higher voltage AC and DC drives, UPS systems, reduced voltage motor starters and similar applications where lower I²t and superior reliability were needed. This is a very popular fuse. They are extremely high interrupting rating fuses with large band of ratings (current rating 35A to 2000A).

Specifications

Class: aR

IR : 100KA

Agency Information: UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS25B-35A	35A	2000	7W	1000VAC/ 700VDC	See the information
AS25B-40A	40A	2500	8W		
AS25B-50A	50A	3500	10W		
AS25B-60A	60A	5000	11W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS31B-70A	70A	6900	12W	1000VAC/ 700VDC	See the information
AS31B-80A	80A	9700	13W		
AS31B-90A	90A	12000	14W		
AS31B-100A	100A	17500	15W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS38B-125A	125A	35000	16W	1000VAC/ 700VDC	See the information
AS38B-150A	150A	45000	25W		
AS38B-175A	175A	65000	30W		
AS38B-200A	200A	80000	32W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS51B-250A	250A	112000	50W	1000VAC/ 700VDC	See the information
AS51B-300A	300A	164000	56W		
AS51B-350A	350A	231000	62W		
AS51B-400A	400A	330000	67W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS63B-500A	500A	329000	95W	1000VAC/ 700VDC	See the information
AS63B-600A	600A	520000	105W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AS89B-800A	800A	500000	182W	1000VAC/ 700VDC	See the information
AS89B-1000A	1000A	1100000	206W		
AS89B-1200A	1200A	2100000	240W		
AS89B-1400A	1400A	2700000	248W		
AS89B-1600A	1600A	4000000	267W		
AS89B-1800A	1800A	5300000	239W		
AS89B-2000A	2000A	7600000	244W		



Medium Voltage Fuses

On the one hand, you need current-limiting protection for medium-voltage transformers and distribution systems. On the other hand, you need short circuit protection for medium-voltage motors and motor controllers. Chordn line of medium-voltage UL Listed fuses fills the bill with E-rated, R-rated and capacitor fuses.

R-rated fuses

Chordn R-Rated fuses are current-limiting, high interrupting rating fuses intended for the short circuit protection of medium voltage motors and motor controllers. R-Rated fuses are back-up fuses that have a minimum interrupting rating, and must be coordinated with overload relays in combination motor starters.

Specifications

Volts : 7.2KV

IR : 50KA

Agency Information: IEC 60282 UL Recognized CE

FEATURES & BENEFITS

Ferrule mounting for standard clips and interchangeability with other brands of fuses
 Current-limiting for superior equipment protection.
 On the 7.2KV an optional hookeye mounted in the factory is available.
 Blown-fuse indicator to give positive identification of open fuse.

Gatalog number	Amp Rating	IR	voltage	Dimensions
AR723-25A	25A	50KA	7.2KV	76x442mm
AR723-31.5A	31.5A			
AR723-40A	40A			
AR723-50A	50A			
AR723-63A	63A			
AR723-80A	80A			
AR723-100A	100A			
AR723-125A	125A			
AR723-160A	160A			
AR723-200A	200A			
AR723-224A	224A			
AR723-250A	250A			
AR723-315A	315A			



Potential Transformer Fuses

Chordn PT fuses are current-limiting fuses with high interrupting rating, used for the primary winding protection of potential transformer. They are small dimension ferrule type fuses and mount in standard clips. Current ratings are from 0.5A to 10A.

Specifications

Volts : 3.6-36KV

IR : 50KA

Agency Information: IEC 60282 UL Recognized CE

FEATURES & BENEFITS

Ferrule mounting for standard clips and interchangeability with other brands of fuses
 Current-limiting for superior equipment protection.
 On the 3.6kV to 36KV an optional hookeye mounted in the factory is available.
 Non-venting for silent operation.

Gatalog number	Amp Rating	IR	voltage	Dimensions
AT361	3.15 6.3 10	50KA	3.6KV	25x195mm
AT551	0.5 1 2 3 5	50KA	5.5KV	25x142mm
AT721	3.15 6.3	45KA	7.2KV	25x195mm
AT1201	3.15	45KA	12.0KV	25x195mm
AT1551	0.5 1 2 3 5	32KA	15.5KV	25x254mm
AT1751	3.15	35KA	17.5KV	25x359mm
AT2401	3.15 6.3 10	25KA	24.0KV	25x359mm
AT3601	0.5 1 2 3 5	31.5KA	36.0KV	25x359mm



Medium Voltage Fuses

E-Rated Fuses

Chordn 7.2-24KV fuses mount in unique cam-locking clips, for superior connections as well as easy installation and replacement. View PDF for more information

Specifications
Volts : 7.2-24KV

IR : 50KA

Agency Information: IEC 60282 UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE722-6.3A	6.3A	1000	6W	7.2KV	51x292mm
AE722-10A	10A	1500	9W		
AE722-16A	16A	3400	12.8W		
AE722-20A	20A	---	---		
AE722-25A	25A	55000	21W		
AE722-31.5A	31.5A	10000	25W		
AE722-40A	40A	12000	33W		
AE722-50A	50A	22000	37W		
AE722-63A	63A	42000	46W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE723-80A	80A	120000	63W	7.2KV	76x292mm
AE723-100A	100A	220000	70W		
AE723-125A	125A	450000	107W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE1202-6.3A	6.3A	1000	9W	12KV	51x292mm
AE1202-10A	10A	1500	17W		
AE1202-16A	16A	2000	38W		
AE1202-20A	20A	4000	38W		
AE1202-25A	25A	6000	46W		
AE1202-31.5A	31.5A	10000	65W		
AE1202-40A	40A	30000	54W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE1203-63A	63A	100000	85W	12KV	76x292mm
AE1203-80A	80A	150000	115W		
AE1203-100A	100A	200000	156W		
AE1203-125A	125A	440000	117W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE2402-6.3A	6.3A	1000	13W	24KV	51x442mm
AE2402-10A	10A	1500	26W		
AE2402-16A	16A	2000	73W		
AE2402-20A	20A	4000	76W		
AE2402-25A	25A	6000	89W		
AE2402-31.5A	31.5A	10000	127W		
AE2402-40A	40A	30000	114W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AE2403-40A	40A	30000	114W	24KV	76x442mm
AE2403-50A	50A	50000	147W		
AE2403-63A	63A	100000	170W		
AE2403-80A	80A	150000	233W		
AE2403-100A	100A	200000	400W		



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Solar pv fuses

Chordn photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for constant temperature and current cycling withstand adding to system longevity.

Photovoltaic Fuses

CHORDN photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for constant temperature and current cycling withstand adding to system longevity.

Specifications

Class: gPV

IR : 10KA

Agency Information: IEC 60269 UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AP10-1A	1A	0.4	1.5W	1000VDC	10x38mm
AP10-2A	2A	3.4	1.0W		
AP10-3A	3A	11	1.3W		
AP10-3.5A	3.5A	18	1.4W		
AP10-4A	4A	26	1.5W		
AP10-5A	5A	50	1.6W		
AP10-6A	6A	90	1.8W		
AP10-8A	8A	32	2.1W		
AP10-10A	10A	70	2.3W		
AP10-12A	12A	120	2.7W		
AP10-15A	15A	220	2.9W		
AP10-20A	20A	350	3.6W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AP10B-1A	1A	0.4	1.5W	1000VDC	10x38mm
AP10B-2A	2A	3.4	1.0W		
AP10B-3A	3A	11	1.3W		
AP10B-3.5A	3.5A	18	1.4W		
AP10B-4A	4A	26	1.5W		
AP10B-5A	5A	50	1.6W		
AP10B-6A	6A	90	1.8W		
AP10B-8A	8A	32	2.1W		
AP10B-10A	10A	70	2.3W		
AP10B-12A	12A	120	2.7W		
AP10B-15A	15A	220	2.9W		
AP10B-20A	20A	350	3.6W		



FEATURES & BENEFITS

- Low fault current interrupting capability
- Durable construction for enhanced system longevity
- Guaranteed operation at temperature extremes

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AP14-25A	25A	943	5.1W	1000VDC	14x51mm
AP14-32A	32A	1740	6.2W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² S)	Watts Loss	voltage	Dimensions
AP14L10-15A	15A	160	5.8W	1500VDC	14x85mm
AP14L10-20A	20A	400	6.5W		



Solar pv fuses

Photovoltaic Fuses

CHORDN photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for constant temperature and current cycling withstand adding to system longevity. They are extremely high interrupting rating fuses with large band of ratings (current rating 50A to 630A).

Specifications

Class: gPV

IR : 50KA

Agency Information: IEC 60269 UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJ00-50A	50A	1431	11W	1000VDC	00
APJ00-63A	63A	4203	12W		
APJ00-80A	80A	5742	15.5W		
APJ00-100A	100A	11700	16.5W		
APJ00-125A	125A	22923	17.5W		
APJ00-160A	160A	46782	22W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJ01-63A	63A	2520	24W	1000VDC	01
APJ01-80A	80A	4752	27W		
APJ01-100A	100A	9720	30W		
APJ01-125A	125A	13896	40W		
APJ01-160A	160A	28080	44W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJ02-200A	200A	31000	62W	1000VDC	02
APJ02-250A	250A	57000	70W		
APJ02-315A	315A	130000	75W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJ03-350A	350A	160700	90W	1000VDC	03
APJ03-400A	400A	230000	100W		
APJ03-500A	500A	251200	138W		
APJ03-630A	630A	520000	180W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJB02-200A	200A	31000	62W	1000VDC	02
APJB02-250A	250A	57000	70W		
APJB02-315A	315A	130000	75W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APJB03-350A	350A	160700	90W	1000VDC	03
APJB03-400A	400A	230000	100W		
APJB03-500A	500A	251200	138W		
APJB03-630A	630A	520000	180W		



Solar pv fuses

Chordn photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. Its enhanced fuse construction makes it ideal for constant temperature and current cycling withstand adding to system longevity.

Photovoltaic Fuses

Chordn APQ photovoltaic (PV) fuse series was engineered and designed specifically for the protection of photovoltaic systems. The fuse links are designed for the protection of cables in a PV group of chains when a short circuit occurs in a panel (mainfuse category). They are available with bolted type blades for direct mounting and with striker. Current rating 125A to 400A.

Specifications

Class: gPV

IR : 50KA

Agency Information: IEC 60269 UL Recognized CE

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APQ02-125A	125A	11000	37W	1500VDC	02
APQ02-160A	160A	21000	51W		
APQ02-200A	200A	46000	54W		
APQ02-250A	250A	82000	63W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APQ03-250A	250A	77000	60W	1500VDC	03
APQ03-315A	315A	119000	90W		
APQ03-355A	355A	136000	140W		
APQ03-400A	400A	171000	160W		

FEATURES & BENEFITS

- Low fault current interrupting capability
- Durable construction for enhanced system longevity
- Guaranteed operation at temperature extremes
- High efficiency with low power losses
- Global acceptance



Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APQB00-50A	50A	550	29W	1500VDC	00
APQB00-63A	63A	1250	30W		
APQB00-80A	80A	2200	36W		
APQB00-100A	100A	4100	40W		
APQB00-125A	125A	7700	50W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APQB02-125A	125A	11000	37W	1500VDC	02
APQB02-160A	160A	21000	51W		
APQB02-200A	200A	46000	54W		
APQB02-250A	250A	82000	63W		

Gatalog number	Amp Rating	Total clearing I ² t (A ² s)	Watts Loss	voltage	Dimensions
APQB03-250A	250A	77000	60W	1500VDC	03
APQB03-315A	315A	119000	90W		
APQB03-355A	355A	136000	140W		
APQB03-400A	400A	171000	160W		

Special purpose fuses

Highly specialized applications all share one thing - the need for high-performance circuit protection. Chordn brings more than a century of expertise to developing reliable solutions for the most application-specific requirements.

Lift Truck Fuse

Chordn forklift truck and battery isolator fuses are specially designed for the heavy duty loads associated with DC battery powered equipment such as forklift trucks, hand trucks, motorized work platforms, and other DC battery operated systems. Stud mounted bolt-in design assure a long life in adverse conditions for these fuses.

Specifications

Class: aR

IR : 2500A

Agency Information: IEC 60269 CE

Catalog number	Amp Rating	voltage	Dimensions
CNL-35A	35A	80VAC/80VDC	See the information
CNL-40A	40A		
CNL-50A	50A		
CNL-60A	60A		
CNL-80A	80A		
CNL-90A	90A		
CNL-100A	100A		
CNL-125A	125A		
CNL-130A	130A		
CNL-150A	150A		
CNL-175A	175A		
CNL-200A	200A		
CNL-225A	225A		
CNL-250A	250A		
CNL-275A	275A		
CNL-300A	300A		
CNL-325A	325A		
CNL-350A	350A		
CNL-400A	400A		
CNL-500A	500A		
CNL-600A	600A		
CNL-700A	700A		
CNL-750A	750A		



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FEATURES & BENEFITS

- 2,500 A interrupting rating
- Compact size saves space
- All fuses are AC and DC rated
- Expanded Ampere Ratings
- Time Delay and General Purpose types

Catalog number	Amp Rating	voltage	Dimensions
CNN-35A	35A	125VAC/80VDC	See the information
CNN-40A	40A		
CNN-50A	50A		
CNN-60A	60A		
CNN-80A	80A		
CNN-90A	90A		
CNN-100A	100A		
CNN-125A	125A		
CNN-130A	130A		
CNN-150A	150A		
CNN-175A	175A		
CNN-200A	200A		
CNN-225A	225A		
CNN-250A	250A		
CNN-275A	275A		
CNN-300A	300A		
CNN-325A	325A		
CNN-350A	350A		
CNN-400A	400A		
CNN-500A	500A		
CNN-600A	600A		
CNN-700A	700A		
CNN-750A	750A		
CNN-800A	800A		



FUSE BLOCKS HOLDERS

Compact modular configuration gives you the reduced footprints and DIN-rail mounting you want in today's smaller fuse panels. Their finger-safe design gives you the IP-20 grade protection you need to meet IEC standards and an increased focus on worker safety.

Fuse holder

Chordn electric extensive line of fuses is matched by our selection of fuse holders. Choose from a wide range of cylindrical fuse-switch, low voltage fuse holders and more.

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
ASH10	1	32	690VAC	10X38	IEC 60947	1
ASH102	2	32	690VAC	10X38	IEC 60947	2
ASH103	3	32	690VAC	10X38	IEC 60947	3
ASH14	1	50	690VAC	14X51	IEC 60947	4
ASH142	2	50	690VAC	14X51	IEC 60947	5
ASH143	3	50	690VAC	14X51	IEC 60947	6
ASH22	1	125	690VAC	22X58	IEC 60947	7
ASH222	2	125	690VAC	22X58	IEC 60947	8
ASH223	3	125	690VAC	22X58	IEC 60947	9
ASH10B	1	32	690VAC	10X38	IEC 60947	10
ASH10B2	2	32	690VAC	10X38	IEC 60947	10
ASH10B3	3	32	690VAC	10X38	IEC 60947	10
ASH14B	1	63	690VAC	14X51	IEC 60947	10
ASH14B2	2	63	690VAC	14X51	IEC 60947	10
ASH14B3	3	63	690VAC	14X51	IEC 60947	10



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FUSE BLOCKS HOLDERS

IEC NH FUSE BASES

NH fuse-bases are available for delivery in single-pole and three-pole designs and can be closely mounted in parallel rows. Each three-pole base is supplied with two phase-partition walls. NH fuse-links plug on covers which clip onto the contact springs can also be supplied for these bases.

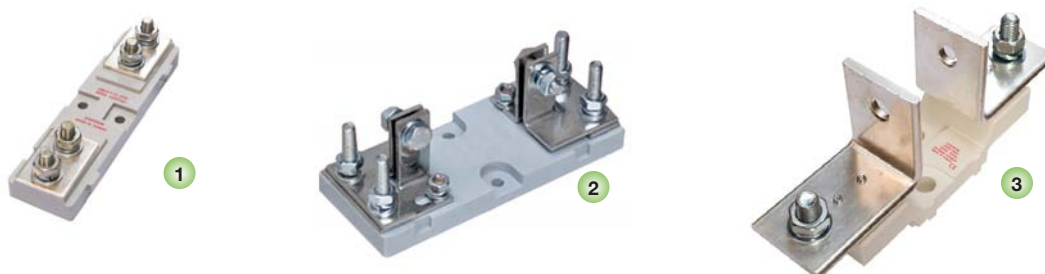
Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
ASH00S-160	1	160	690VAC	AX17B00/00C	IEC 60269	1
ASH00S-160/3	3	160	690VAC	AX17B00/00C	IEC 60269	2
ASH01S-250	1	250	690VAC	AX17B01	IEC 60269	1
ASH02S-400	1	400	690VAC	AX17B02	IEC 60269	1
ASH03S-630	1	630	690VAC	AX17B03	IEC 60269	1
ASH01S-250/3	3	250	690VAC	AX17B01	IEC 60269	2
ASH02S-400/3	3	400	690VAC	AX17B02	IEC 60269	2
ASH03S-630/3	3	630	690VAC	AX17B03	IEC 60269	2
ACH00-160	1	160	690VAC	AX17B00	IEC 60269	3
ACH0-160	1	160	690VAC	AX17B0	IEC 60269	3
ACH01-250	1	250	690VAC	AX17B01	IEC 60269	3
ACH02-400	1	400	690VAC	AX17B02	IEC 60269	3
ACH03-630	1	630	690VAC	AX17B03	IEC 60269	3



Semiconductor & Special Purpose Fuse Bases

Fuse holders for e blade-type fuses. Mounting in one-pole fuse holder simplifies replacement of fuses for installations connected with cables and bars

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
ACH-2000	1	2000	700VAC	AS17C00/01/02/03	IEC 60269	2
ADH01-2000	1	2000	700VAC	AS17D01/02/03	IEC 60269	3
ADH02-4000	1	4000	700VAC	AS17D04	IEC 60269	3
ABH711C-400	1	400	1000VAC	AS17E01/02	IEC 60269	1



FUSE BLOCKS HOLDERS

Compact modular configuration gives you the reduced footprints and DIN-rail mounting you want in today's smaller fuse panels. Their finger-safe design gives you the IP-20 grade protection you need to meet IEC standards and an increased focus on worker safety

Photovoltaic Fuses Holders

Chordn modular fuse holders introduce the next level of safety for Photovoltaic applications for Photovoltaic fuses. Chordn fuseholders are finger safe up to an IP20 grade of protection.

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
APH10	1	32	1000VDC	AP10	IEC 60269/60947/UL	1
APH14	1	63	1000VDC	AP14	IEC 60269/60947/UL	2
APH14L10	1	20	1500VDC	AP14L10	IEC 60269/60947/UL	3
APH00-160	1	160	1000VDC	APJ00	IEC 60269/60947/UL	4
APH01-160	1	160	1000VDC	APJ01	IEC 60269/60947/UL	4
APH03-630	1	630	1000VDC	APJ03	IEC 60269/60947/UL	4

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Isolating switch

The construction of the switch is fully enclosed, ensuring its reliable work and stable performance, and it has a unique scrollable plug-in contacting system. Each phase has two contacting systems with double breaking points, this two contacting systems are series-connected or paralleled, which can meet the requirements of different working type and circuits with different current

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
ASH17B-160	3	160	690VAC	AX17B00	IEC 60947	1
ASH17B-250	3	250	690VAC	AX17B01	IEC 60947	2
ASH17B-400	3	400	690VAC	AX17B02	IEC 60947	3
ASH17B-630	3	630	690VAC	AX17B03	IEC 60947	4



FUSE BLOCKS HOLDERS

Special Fuse Blocks

Chordn special fuse holders feature open face styles. Each version is rated 1000 Volts.

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
CNNH-800	1	800	220VAC	CNN/CNL	DIN 43560	1
ASH31-100	1	100	1000VDC	AS25B/AS31B	IEC 60269	2
ASH38-200	1	200	1000VDC	AS38B	IEC 60269	2
ASH51-400	1	400	1000VDC	AS51B	IEC 60269	2
ASH63-600	1	600	1000VDC	AS63B	IEC 60269	2
ASH89-2000	1	2000	1000VDC	AS89B	IEC 60269	2



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Medium Voltage Fuse Blocks

This very robust and original device means freedom for any mechanical system and offers the advantage of being able to incorporate a microswitch unit or units according to the equipment configuration.

Model	poles	Amp Rating	voltage	series size	Agency Information:	Figure Number
ARH-315	1	315	12KVAC	AR723	IEC 60282	1
ATH-6.3	1	6.3	7.2KVAC	AT361/AT761	IEC 60282	1
AEH01-125	1	125	12KVAC	AE722/AE723/AE1202/AE1203	IEC 60282	1
AEH02-100	1	100	24KVAC	AE2402/AE2403	IEC 60282	1



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